

ARCHITECTURAL LIGHTING  
**WARM DIM**  
SMART DIM TECHNOLOGY

SMOOTH DIMMING FROM 3000K to 1800K



**elite**  
LED LIGHTING  
[www.iuseelite.com](http://www.iuseelite.com)







Create a Warm Ambiance for any Environment  
**WARM DIM LED LIGHTING WITH  
SMART DIM TECHNOLOGY**



Highly sustainable and ultra-efficient recessed lighting solutions from 2" to 8" apertures, track, cove, under-cabinet, task and accent lighting in LED and traditional light sources, all in a variety of colors for commercial and residential applications.



A broad array of the highest-quality recessed downlights and architectural track lighting, combo lighting for retail and commercial interiors, plus high-end residential. Recessed available in round & square, flange and trim-less rotating fixtures that lock in position, all precision task and accent aiming to produce a full range of textures and hues for any retail, hospitality, and entertainment location.



A complete line of high-performance round and square Architectural Downlighting and cylinders in 2" to 10" apertures, exit and emergency lighting for all architectural commercial, retail, hospitality, health care, and assisted living applications, with a full range of dimming options for general, task, and accent lighting. High quality illumination with up to 96 CRI and 98 R9 values, creatively crafted to offer a vivid appearance of pure color.





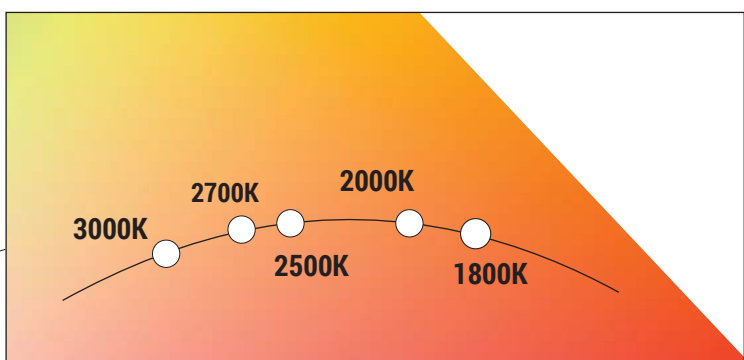
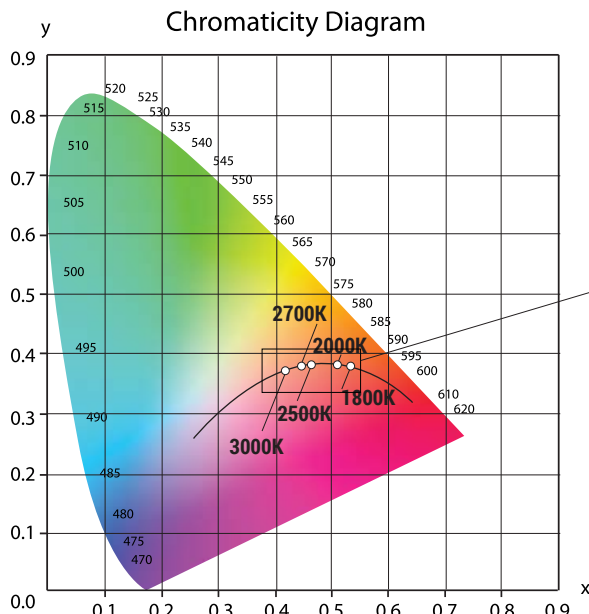


# 3000K

Create the **same Ambiance as a Halogen Lighting** while reducing energy and maintenance costs.

Smart Dim is new technology that mimics traditional incandescent light when dimming. The use of Smart Dim allows you to make a smooth dimming transition from 3000K to 1800K, shifting into rich amber tones that encourage relaxation. It is ideal for hospitality and residential applications, and maintains high lumen output for the most stringent energy codes required by today's legislation. Smart Dim comes paired with a high CRI of 90+ and superior lumen output of 95 lumens per watt. This game changing technology delivers rich, warm light to enhance each environment. With an option of 4 lumen outputs of 900, 1200, 1500, and 2000, you have the choice to manipulate different application requirements, while maintaining the beauty of traditional dimming.

**Elite Lighting's Architectural Lighting Luminaries with Black Body Technology mimic traditional Halogen dimming to help create a warm ambiance.**



Black Body Dimming Color temperature warms from 3000K - 1800K while staying on the Black Body Locus when dimming



# LIGHT BECOMES WARMER AS IT IS DIMMED

50% Light Output

10% Light Output

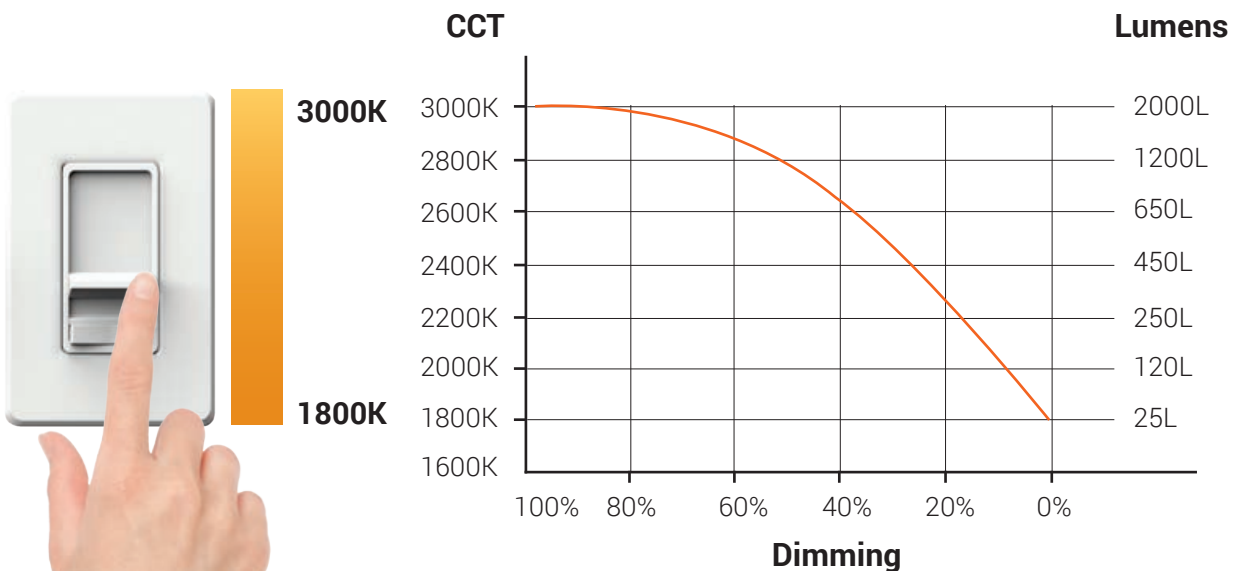


1800K

## Industries Best Color Consistent within a 2-Step MacAdam Ellipse

Exceptional color rendering for all R values from R15 down to R1

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
100	98	99	98	98	92	93	88	87	98	91	86	99	98



Base on a Fixture with a 2000 Lumens Output



# HOSPITALITY APPLICATIONS





## Restaurants

Maxilume HH4-LED Series

Elite LED LB102-SMD (Tape Lighting)





# HOSPITALITY

## APPLICATIONS





## Restaurants

Maxilume HH6-LED Series Downlights

Tape lighting LB102-SMD





# HOSPITALITY APPLICATIONS





## Hotel Lobbies

Maxilume HH6-LED Series Downlights





# HOSPITALITY

## APPLICATIONS



## Guest Rooms

Fusion ER3 LED Downlights



A photograph of a lounge or spa area. In the foreground, a large, dark brown leather chair is shown from the back. In the background, several other similar chairs are arranged around a low table. On the table, there are several stacks of neatly rolled white towels. The walls are a warm, dark brown color with a circular decorative element. The ceiling has recessed lighting. The overall atmosphere is warm and relaxing.

# HOSPITALITY

## APPLICATIONS



## Spa

Maxilume ER3 LED Series Downlights



# RESIDENTIAL APPLICATIONS





## Living Room

Elite LED RL629 Series Downlights



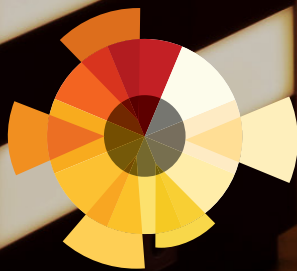
# RESIDENTIAL APPLICATIONS





## Dining Applications

Elite LED B6IC-LED Downlights



**SMART DIM  
WARM DIM  
ARCHITECTURAL**

**3000K**

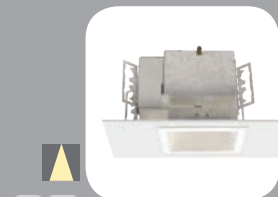




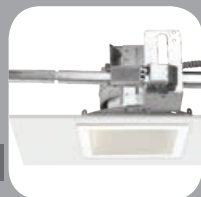
1800K

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28 HH4SQ-LED



30 HH6SQ-LED



32 HH4-LED



34 HH4ADJ-LED



36 HH5-LED



38 HH6-LED



40 HH6ADJ-LED

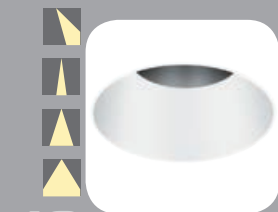


42 HH8-LED



44 HH10-LED

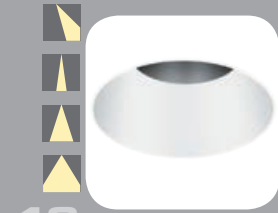
## 46-59 Small Aperture Architectural Downlight



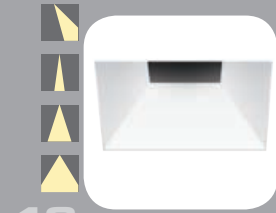
46 ER3-LED



46 ES3-LED

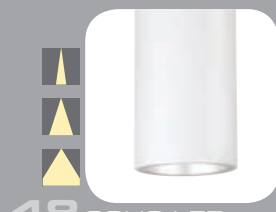


46 SR4-LED



46 SS4-LED

## 60-65 Architectural Cylinders

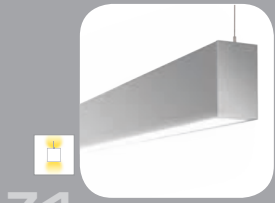


48 SCH6-LED

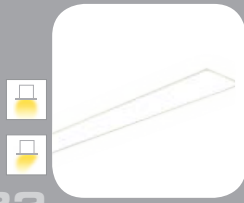


50 SCH8-LED

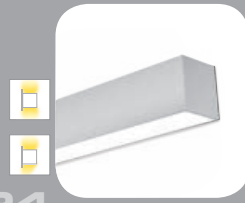
# 66-111 Linear Visual Continuity



74 OLS-DI-LED



82 OLS-R-LED



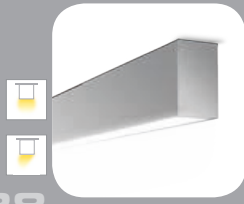
94 OLS-WDI-LED



108 ASI5-LED



78 OLS-D-LED



88 OLS-CM-LED



100 OLS-WD-LED



110 ASI7-LED

# 112-139 Recessed Architectural Volumetric

2'x2'



114 22-OD1V-LED

2'x4'



116 24-OD1V-LED

1'x4'



118 22-NV-LED



120 24-NV-LED



122 22-ODVH-LED



124 24-ODVH-LED



126 14-ODVH-LED



128 22-OVHP-LED



130 24-OVHP-LED



132 14-OVHP-LED



134 22-OD-LED

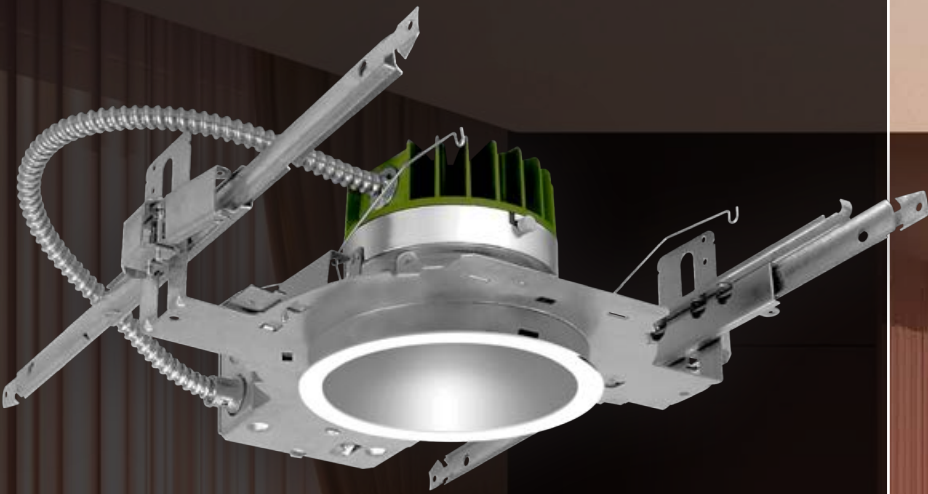


136 24-OD-LED

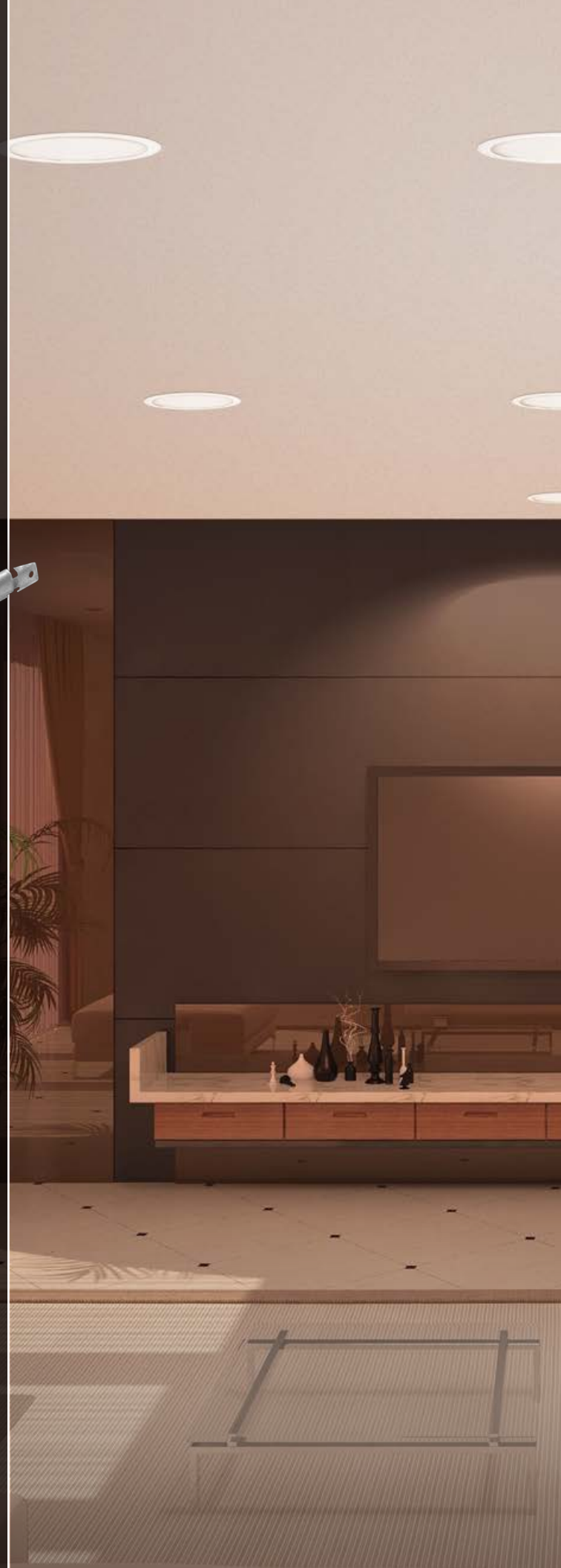


138 14-OD-LED





SQUARE  
ROUND  
& ARCHITECTURAL  
DOWNLIGHTS



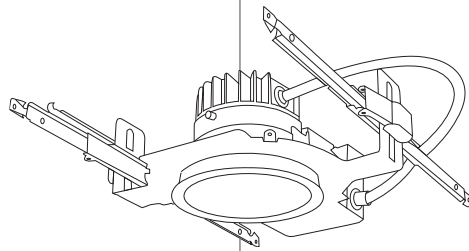


WALL WASH

ADJUSTABLE

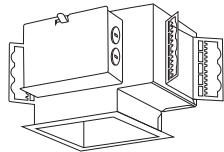
DOWNLIGHT

# DOWNLIGHT

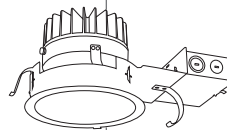


ROUND  
4" | 5" | 6" | 8" | 10"

SQUARE  
4" | 6"

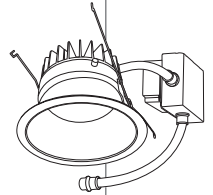


## REMODEL



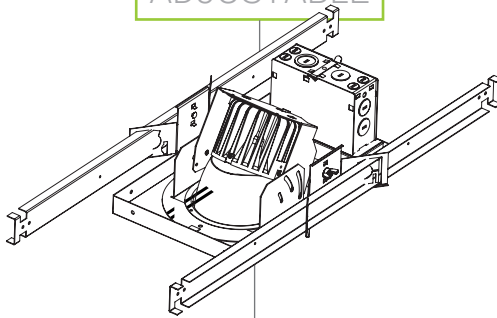
ROUND  
4" | 6" | 8"

## RETROFIT



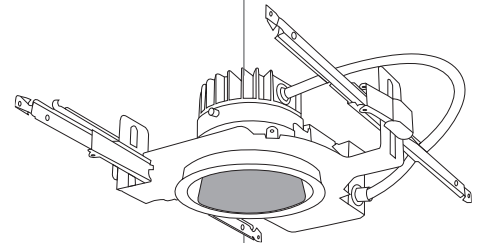
ROUND  
4" | 5" | 6" | 8" | 10"

## ADJUSTABLE



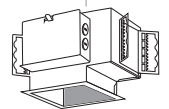
ROUND  
4" | 6"

## WALL-WASH



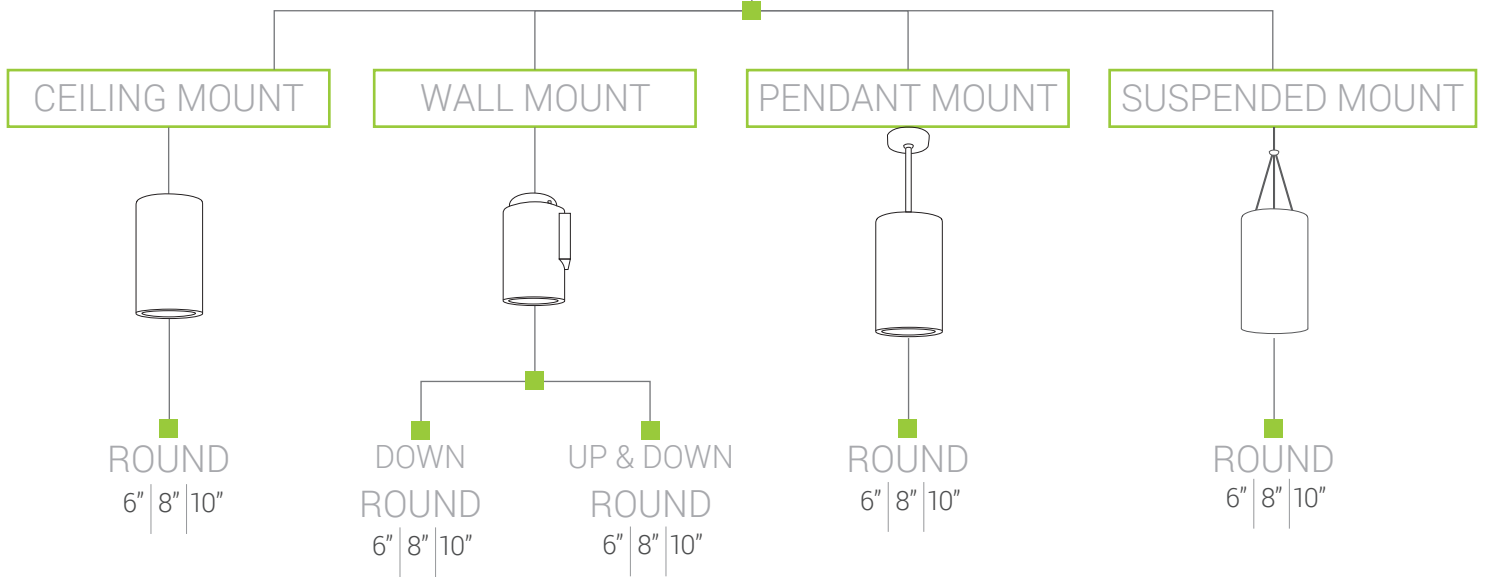
ROUND  
4" | 5" | 6" | 8" | 10"

SQUARE  
4" | 6"



# COMPLETE FAMILY OF PRODUCTS

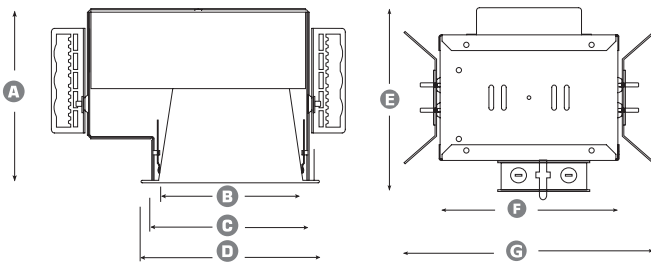
## CYLINDER







## Dimensions



- A** Height = 5-1/2"
- B** Trim Aperture = 4-1/2"
- C** Cut-out = 5-1/8"
- D** Trim Outside Dia. = 5-3/4"
- E** Width = 7-3/4"
- F** Length = 7-1/8"
- G** Max. Length = 10"

**DESCRIPTION:** 4" Square Warm Dim LED New Construction Architectural Downlight. Available with Downlight, Wall Wash and Wet Location Trims.

**PERFORMANCE:** Operating system delivers 900 & 1200 lumens. All MAXILUME LED Warm Dim Architectural Downlights maintain a CRI of 90+ across the Dimming range of 3000K to 1800K and are binned to within 2 MacAdam ellipse. Elite's highly selective LED diodes produce zero ultraviolet and virtually no infrared light.

**OPTICS:** MAXILUME LED Optilux technology combines unmatched performance with visual comfort. Spun 0.05" thick 1-step anodized self flanged reflector. Reflector offers a 45-55 degree cutoff and comes standard with smooth frost Solite diffuser distributes that light even throughout the space.

**THERMAL MANAGEMENT SYSTEM:** Proprietary coolLED Advanced Thermodynamic Design, Die-cast aluminum heat sink is attached to top of reflector. The LED light engine is attached to the die-cast heat sink and is easily replaceable and upgradeable.

**NEW CONSTRUCTION: MOUNTING BRACKET AND FRAME** - Constructed from 16 gauge steel mounting bracket. Mounting bracket can be installed with 3/4" or 1-1/2" lathing channel, 1/2" EMT, or with optional C-channel mounting bars (Part# BP31) ordered separately.

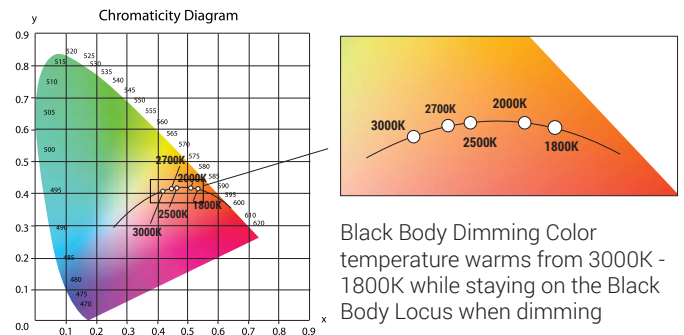
**LED DRIVER/JUNCTION BOX:** MAXILUME's LED driver is may be serviced from below the ceiling. UL Listed for through-branch circuit wiring, provided with four 1/2" KOs, one 3/4" KO and four Romex KOs with true pryout slots and strain clamps. Designed for straight through conduit runs. Available with remote mount (EMG-LED) push button.

**OPTIONS** - Fixtures may be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Lutron, Leviton, Wattstopper, EnOcean, Enlighted, Philips and others. **Consult factory for details.**

## WARM DIM (SMART DIM) ARCHITECTURAL DOWNLIGHT

**SMART DIM** - Warm Dim with Smart Dim technology mimics traditional incandescent halogen lighting through dimming. Using Warm Dim, luminaires dim smoothly from 3000K to 1800K. Warm Dim shifts smoothly over the black body radiator curve as the light dims you move into the rich amber tones that encourages relaxation. It is ideal for hospitality, architectural as well as residential applications, all while maintaining high lumen output for the most stringent energy codes today's legislation requires. Warm Dim comes paired with high CRI of 90+ and superior lumen output.

## Elite Lighting's Architectural Lighting Luminaires with Black Body Technology mimic traditional Halogen dimming to help create a warm ambiance.



Black Body Dimming Color temperature warms from 3000K - 1800K while staying on the Black Body Locus when dimming

**WARM DIM WITH SMART DIM TECHNOLOGY CAN BE SUPPLIED WITH A VARIETY OF DIMMING AND CONTROL PROTOCOLS 0-10V, DMX, DALI, OR LUTRON ECOSYSTEM AND CAN BE DIMMED DOWN TO 1% OF INITIAL LIGHT OUTPUT:**

**DIMTR** (Triac & Electronic Low Voltage Dimming in 120V only) Triac & Electronic Low Voltage dimming driver available when ordered with the following options (DIMTR-120) and only available in 120V.

**DIM10 (0-10V 1% Dimming Standard)** 0-10V driver which can be dimmed down to 1% of initial light output with a 0-10V dimmer when ordered with the following options (DIM10-120, DIM10-277).

**LUTECO** - Provided with Lutron EcoSystem driver. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems and Lutron Vive. When ordered with the following options (LUTECO).

**LUT2W**- (Lutron® Hi-Lume A-Series 2-Wire Forward Phase Control 1% Dimming in 120V). When ordered with the following options (LUT2W).

**DMX** - Compatible with Digital Multiplex Controller, Available with two options: **DMX-512**: Standard DMX Controller and **DMX-RDM**: DMX Controller with Remote Device Management.

**DALI**- Compatible with Digital Addressable Lighting Interface, available with two options: TD6 and TD8.

**OUR WORD** - MAXILUME LED system features 70% lumen maintenance at 50,000hrs of life and carries a five-year carefree warranty for parts and components. (Labor not included).

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

### LISTING:

c-UL-us / c-ETL-us - listed for Damp location & feed Through Wiring. LM79 / LM80 U.S Patent No. - D685,118S

## Trims



• 4" - LED-4614-CL  
Reflector with Frosted Glass Diffuse Lens



• 4" - LED-4607-CL  
Wall Wash Reflector with Diffuse Lens



• 4" - LED-4615-CL  
Reflector with Tempered Glass Lens

### HH4SQ-LED-WDM-30K-18K-1200L-120-MD-LED-4601-CL-WH

INPUT WATTS: 24.3

LUMENS: 1184

CRI: 90+

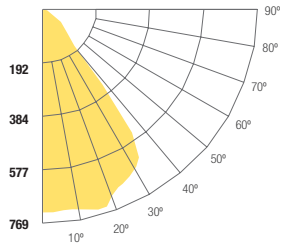
EFFICACY: 49

CCT: 30K-18K

TEST NO.: EL-101614

SPACING CRITERIA: 1.18

#### Candle Power Distribution (Candelas)



Cone of Light		
4.0	45.8	5.1 ft
8.0	11.4	10.2 ft
12.0	5.08	15.3 ft
16.0	2.86	20.4 ft
20.0	1.83	25.5 ft
24.0	1.27	30.6 ft
Distance to Plane	Initial Footcandle at Nadir	Beam Diameter

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

#### Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	278.08	23.50	23.50
0-30	593.73	50.20	50.10
0-40	879.37	74.30	74.30
0-60	1121.44	94.80	94.70
0-80	1179.41	99.70	99.60
0-90	1184.24	100.10	100.00

#### Luminance (Average candela/M<sup>2</sup>)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	20556	20123	32885
55	20484	10681	17618
65	12263	7645	11781
75	5796	4460	7173
85	1133	5337	8475

#### Lumens Per Zone

Zone	Lumens
0-10	69.80
10-20	208.28
20-30	315.65
30-40	285.63
40-50	160.73
50-60	81.34
60-70	42.06
70-80	15.91
80-90	4.83

#### Candela Tabulation

Q	Candela
0.0	732.21
5.0	732.50
15.0	742.81
25.0	681.07
35.0	177.29
45.0	147.19
55.0	118.98
65.0	52.48
75.0	15.19
85.0	1.00
90.0	0.20

#### Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

RC	80%				70%				50%				30%				10%				0%			
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100	100	100	
1	112	109	106	103	109	106	104	101	102	100	98	99	97	95	95	94	92	90	90	90	90	90	90	
2	105	99	94	90	102	97	92	89	94	90	87	91	87	85	88	85	83	81	81	81	81	81	81	
3	98	90	84	79	96	89	83	78	86	81	77	83	79	76	81	77	75	73	73	73	73	73	73	
4	92	82	76	70	90	81	75	70	79	73	69	77	72	68	75	71	67	66	66	66	66	66	66	
5	86	76	68	63	84	75	68	63	73	67	62	71	66	62	69	65	61	59	59	59	59	59	59	
6	80	70	62	57	79	69	62	57	67	61	57	66	60	56	64	59	56	54	54	54	54	54	54	
7	75	64	57	52	74	64	57	52	62	56	52	61	55	51	60	55	51	49	49	49	49	49	49	
8	71	60	53	48	70	59	52	48	58	52	47	57	51	47	56	51	47	45	45	45	45	45	45	
9	67	56	49	44	66	55	48	44	54	48	44	53	47	43	52	47	43	42	42	42	42	42	42	
10	63	52	45	41	62	51	45	40	50	44	40	50	44	40	49	44	40	39	39	39	39	39	39	

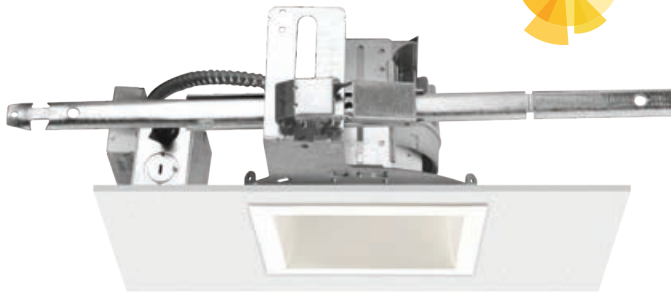
RC - Ceiling Cavity Reflectance RW - Wall Reflectance

#### Ordering Information: HH4SQ-LED-WDM-30K-18K-1200L-DIM10-120-MD

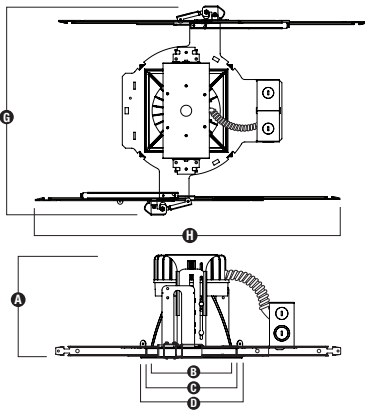
TYPE	LUMENS	DIMMING	VOLTAGE	OPTICS	EMERGENCY	TRIM TYPE	REFLECTOR/RING FINISH
HH4SQ-LED-WDM-30K-18K	<input type="checkbox"/> 900L <input type="checkbox"/> 1200L	<input type="checkbox"/> DIMTR <input type="checkbox"/> DIM10 <input type="checkbox"/> LUTECO <input type="checkbox"/> LUT2W <input type="checkbox"/> DMX-512 <input type="checkbox"/> DMX-RDM <input type="checkbox"/> DALI	<input type="checkbox"/> 120 <input type="checkbox"/> 277 <small>(For 347V Consult Factory)</small>	<input type="checkbox"/> MD	<input type="checkbox"/> EMG-LED	<input type="checkbox"/> LED-4607 <input type="checkbox"/> LED-4614 <input type="checkbox"/> LED-4615	<input type="checkbox"/> CL-WH <input type="checkbox"/> CL-SCH <input type="checkbox"/> SHZ-SHZ <input type="checkbox"/> SHZ-WH <input type="checkbox"/> W-WH <input type="checkbox"/> MB-WH <input type="checkbox"/> WT-WH
						<b>TRIMLESS</b>	<b>REFLECTOR</b>
						<input type="checkbox"/> HH4SQTL-4607 <input type="checkbox"/> HH4SQTL-4614 <input type="checkbox"/> HH4SQTL-4615	<input type="checkbox"/> CL <input type="checkbox"/> SHZ

REFLECTOR		RING		DISC	
CL - Clear	WT - Wheat	WH Self-Flange White	BLUE	WH White	
SHZ - Satin Haze (Low Iridescent)	MB - Black	SCH Self-Flange Chrome	RED	BZ - Bronze	
	W - White	SHZ Satin Haze	GREEN	AL - Aluminum	
			FROST		

\*For custom baffle, reflector, trim ring, glass color and lens options, please consult factory.



## Dimensions



### 6" SQUARE HOUSING

- A** Height = 7-3/8"
- B** Trim Aperture = 6"
- C** Cut-out = 6-1/2"
- D** Trim Outside Dia. = 7-1/8"
- E** Width = 16"
- H** Length (Bar Hanger) =  
Max: 32" Min: 21"

**DESCRIPTION:** 6" Square Warm Dim LED New Construction Architectural Downlight. Available with Downlight, Wall Wash and Wet Location Trims.

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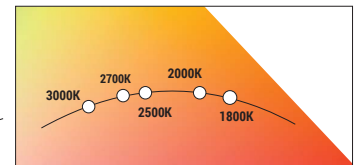
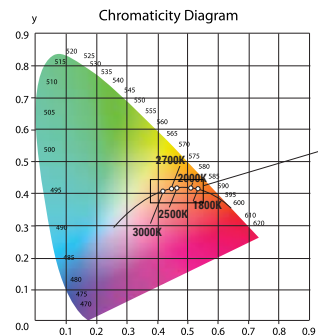
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**OPTIONS** - Fixtures may be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Lutron, Leviton, Wattstopper, EnOcean, Enlighted, Philips and others. **Consult factory for details.**

### WARM DIM (SMART DIM) ARCHITECTURAL DOWNLIGHT

**SMART DIM** - Warm Dim with Smart Dim technology mimics traditional incandescent halogen lighting through dimming. Using Warm Dim, luminaires dim smoothly from 3000K to 1800K. Warm Dim shifts smoothly over the black body radiator curve as the light dims you move into the rich amber tones that encourages relaxation. It is ideal for hospitality, architectural as well as residential applications, all while maintaining high lumen output for the most stringent energy codes today's legislation requires. Warm Dim comes paired with high CRI of 90+ and superior lumen output.

Elite Lighting's Architectural Lighting Luminaires with Black Body Technology mimic traditional Halogen dimming to help create a warm ambiance.



Black Body Dimming Color temperature warms from 3000K - 1800K while staying on the Black Body Locus when dimming

**WARM DIM WITH SMART DIM TECHNOLOGY CAN BE SUPPLIED WITH A VARIETY OF DIMMING AND CONTROL PROTOCOLS 0-10V, DMX, DALI, OR LUTRON ECOSYSTEM AND CAN BE DIMMED DOWN TO 1% OF INITIAL LIGHT OUTPUT:**

**DIMTR** (Triac & Electronic Low Voltage Dimming in 120V only) Triac & Electronic Low Voltage dimming driver available when ordered with the following options (DIMTR-120) and only available in 120V.

**DIM10 (0-10V 1% Dimming Standard)** 0-10V driver which can be dimmed down to 1% of initial light output with a 0-10V dimmer when ordered with the following options (DIM10-120, DIM10-277).

**LUTECO** - Provided with Lutron EcoSystem driver. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems and Lutron Vive. When ordered with the following options (LUTECO).

**LUT2W** - (Lutron® Hi-Lume A-Series 2-Wire Forward Phase Control 1% Dimming in 120V). When ordered with the following options (LUT2W).

**DMX** - Compatible with Digital Multiplex Controller, Available with two options: **DMX-512**: Standard DMX Controller and **DMX-RDM**: DMX Controller with Remote Device Management.

**DALI** - Compatible with Digital Addressable Lighting Interface, available with two options: TD6 and TD8.

**OUR WORD** - MAXILUME LED system features 70% lumen maintenance at 50,000hrs of life and carries a five-year carefree warranty for parts and components. (Labor not included).

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

### LISTING:

c-UL-us / c-ETL-us - listed for Damp location & feed Through Wiring. LM79 / LM80 U.S Patent No. - D685,118S



Trims



6" - MOS-6614-CL  
Reflector with Frosted Glass Lens



6" - MOS-6607-CL  
Wall Wash Reflector with Lens



6" - MOS-6601-CL  
Reflector



6" - MOS-6615-CL  
Reflector with Tempered Glass Lens

Ordering Information: HH6SQ-LED-WDM-30K-18K-1200L-DIM10-120-MD

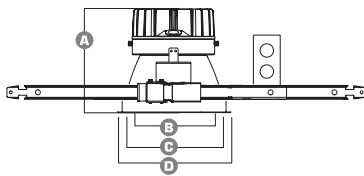
TYPE	LUMENS	DIMMING	VOLTAGE	OPTICS	EMERGENCY	TRIM TYPE	REFLECTOR/ RING FINISH
HH6SQ-LED-WDM-30K-18K	<input type="checkbox"/> 900L <input type="checkbox"/> 1200L <input type="checkbox"/> 1500L <input type="checkbox"/> 2000L	<input type="checkbox"/> DIMTR <input type="checkbox"/> DIM10 <input type="checkbox"/> LUTECO <input type="checkbox"/> LUT2W <input type="checkbox"/> DMX-512 <input type="checkbox"/> DMX-RDM <input type="checkbox"/> DALI	<input type="checkbox"/> 120 <input type="checkbox"/> 277 (For 347V Consult Factory)	<input type="checkbox"/> MD	<input type="checkbox"/> EMG-LED	<input type="checkbox"/> MOS-6601 <input type="checkbox"/> MOS-6607 <input type="checkbox"/> MOS-6614 <input type="checkbox"/> MOS-6615	<input type="checkbox"/> CL-WH <input type="checkbox"/> CL-SCH <input type="checkbox"/> SHZ-SHZ <input type="checkbox"/> SHZ-WH <input type="checkbox"/> W-WH <input type="checkbox"/> MB-WH <input type="checkbox"/> WT-WH
						TRIMLESS <input type="checkbox"/> EX-TL-6607 <input type="checkbox"/> EX-TL-6614 <input type="checkbox"/> EX-TL-6615	REFLECTOR <input type="checkbox"/> CL <input type="checkbox"/> SHZ

REFLECTOR		RING		DISC	
CL - Clear	WT -Wheat	WH Self-Flange White	BLUE	WH White	
SHZ -Satin Haze (Low Iridescent)	MB -Black	SCH Self-Flange Chrome	RED	BZ Bronze	
	W -White	SHZ Satin Haze	GREEN	AL Aluminum	
			FROST		

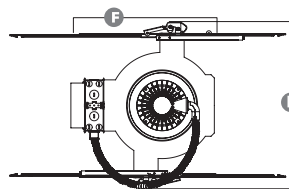
\*For custom baffle, reflector, trim ring, glass color and lens options, please consult factory.



## Dimensions



- A Height = 5-3/4"
- B Trim Aperture = 4"
- C Cut-out = 4-1/2"



- D Trim Outside Dia. = 5-1/2"
- E Width = 16"
- F Length = 12-1/2"

**DESCRIPTION:** 4" Round Warm Dim LED New Construction Architectural Downlight. Available with Downlight, Wall Wash and Wet Location Trims.

**PERFORMANCE:** Operating system delivers 900 & 1200 lumens. All MAXILUME LED Warm Dim Architectural Downlights maintain a CRI of 90+ across the Dimming range of 3000K to 1800K and are binned to within 2 MacAdam ellipse. Elite's highly selective LED diodes produce zero ultraviolet and virtually no infrared light.

**OPTICS:** MAXILUME LED Optilux technology combines unmatched performance with visual comfort. Spun 0.05" thick 1-step anodized self flanged reflector. Reflector offers a 45-55 degree cutoff and comes standard with smooth frost Solite diffuser distributes that light even throughout the space in 3 different distribution; Wide (WD), Medium (MD) and Narrow (ND).

**THERMAL MANAGEMENT SYSTEM:** Proprietary coolLED Advanced Thermodynamic Design, Die-cast aluminum heat sink is attached to top of reflector. The LED light engine is attached to the die-cast heat sink and is easily replaceable and upgradeable.

**INSTALLATION TYPE: NEW CONSTRUCTION: MOUNTING BRACKET AND FRAME** - Constructed from 16 gauge steel and is supplied with C-channel that are adjustable up to 28". Mounting bracket maybe adjusted up to 2-3/4" vertically from inside the housing. Mounting frame is made from Die-formed construction for maximum heat dissipation and rust protection. Also available in Remodel and Retrofit options. Please see our web site for details.

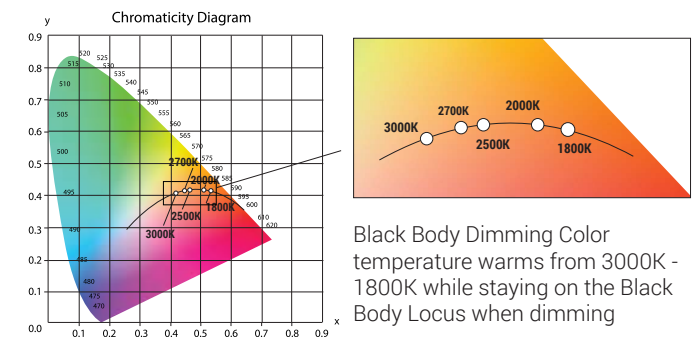
**LED DRIVER/JUNCTION BOX:** MAXILUME's LED driver is may be serviced from below the ceiling. UL Listed for through-branch circuit wiring, provided with four 1/2" KOs, one 3/4" KO and four Romex KOs with true pryout slots and strain clamps. Designed for straight through conduit runs. Available with Integral Emergency (INTG-LED-EMG) or remote mount (EMG-LED) push button.

**OPTIONS** - Fixtures may be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Lutron, Leviton, Wattstopper, EnOcean, Enlighted, Philips and others. **Consult factory for details.**

## WARM DIM (SMART DIM) ARCHITECTURAL DOWNLIGHT

**SMART DIM** - Warm Dim with Smart Dim technology mimics traditional incandescent halogen lighting through dimming. Using Warm Dim, luminaires dim smoothly from 3000K to 1800K. Warm Dim shifts smoothly over the black body radiator curve as the light dims you move into the rich amber tones that encourages relaxation. It is ideal for hospitality, architectural as well as residential applications, all while maintaining high lumen output for the most stringent energy codes today's legislation requires. Warm Dim comes paired with high CRI of 90+ and superior lumen output.

Elite Lighting's Architectural Lighting Luminaires with Black Body Technology mimic traditional Halogen dimming to help create a warm ambiance.



Black Body Dimming Color temperature warms from 3000K - 1800K while staying on the Black Body Locus when dimming

**WARM DIM WITH SMART DIM TECHNOLOGY CAN BE SUPPLIED WITH A VARIETY OF DIMMING AND CONTROL PROTOCOLS 0-10V, DMX, DALI, OR LUTRON ECOSYSTEM AND CAN BE DIMMED DOWN TO 1% OF INITIAL LIGHT OUTPUT:**

**DIMTR** (Triac & Electronic Low Voltage Dimming in 120V only) Triac & Electronic Low Voltage dimming driver available when ordered with the following options (DIMTR-120) and only available in 120V.

**DIM10 (0-10V 1% Dimming Standard)** 0-10V driver which can be dimmed down to 1% of initial light output with a 0-10V dimmer when ordered with the following options (DIM10-120, DIM10-277).

**LUTECO** - Provided with Lutron EcoSystem driver. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems and Lutron Vive. When ordered with the following options (LUTECO).

**LUT2W** - (Lutron® Hi-Lume A-Series 2-Wire Forward Phase Control 1% Dimming in 120V). When ordered with the following options (LUT2W).

**DMX** - Compatible with Digital Multiplex Controller, Available with two options: **DMX-512**: Standard DMX Controller and **DMX-RDM**: DMX Controller with Remote Device Management.

**DALI** - Compatible with Digital Addressable Lighting Interface, available with two options: TD6 and TD8.

**OUR WORD** - MAXILUME LED system features 70% lumen maintenance at 50,000hrs of life and carries a five-year carefree warranty for parts and components. (Labor not included).

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

## LISTING:

c-UL-us / c-ETL-us - listed for Damp location & feed Through Wiring. LM79 / LM80 U.S Patent No. - D685,118S

CP - City of Chicago environmental air (CCEA) marking for plenum applications.



Trims



• HH4-4501  
Reflector with Diffuse Lens



• HH4-4507  
Wall Wash Reflector with Diffuse Lens



• HH4-4577  
Double Wall Wash Reflector with Diffuse Lens



• HH4-4528 (WH)  
Reflector with Aluminum Disk & Diffuse Lens-White



• HH4-4528 (AL)  
Reflector w/ Aluminum Disk & Diffuse Lens- Aluminum



• HH4-4528 (BZ)  
Reflector with Aluminum Disk & Diffuse Lens- Bronze



• HH4-4509  
Deco Glass Reflector with Diffuse Lens



• HH4-4511  
Triple Ring Glass Reflector with Diffuse Lens



• HH4-4525  
Central Etched Float Glass with Diffuse Lens



• HH4-4521  
Standard Ring Glass Reflector with Diffuse Lens



• HH4-4523  
Prismo Deco Ring Glass with Diffuse Lens



• HH4-4522  
Euro Deco Ring Glass with Diffuse Lens

HH4-LED-WDM-30K-18K-1200L-120-MD-HH4-4501-CL-WH

INPUT WATTS: 25.1

LUMENS: 1285

CRI: 90+

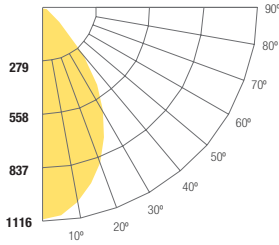
EFFICACY: 51

CCT: 30K-18K

TEST NO.: EL-0116129

SPACING CRITERIA: 0.94

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	372.24	29.10	29.00
0-30	718.17	56.20	55.90
0-40	1030.44	80.60	80.20
0-60	1261.87	98.70	98.20
0-80	1283.89	100.40	99.90
0-90	1285.15	100.50	100.00

Luminance (Average candela/M<sup>2</sup>)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	29970	47243	46807
55	9492	16002	19783
65	2261	4653	10041
75	1200	1467	2089
85	4556	3607	528

Lumens Per Zone

Zone	Lumens
0-10	102.85
10-20	269.40
20-30	345.93
30-40	312.27
40-50	174.29
50-60	57.14
60-70	18.06
70-80	3.96
80-90	1.25

Candela Tabulation

0	
0	1116.44
5	1096.95
15	961.03
25	750.54
35	493.36
45	168.55
55	43.30
65	7.60
75	2.47
85	0.46
90	0.09

Coefficients of Utilization - Zonal Cavity Method  
Effective Floor Cavity Reflectance 0.20

Cone of Light		
4.0	69.8	5.2 ft
8.0	17.4	10.4 ft
12.0	7.75	15.7 ft
16.0	4.36	20.9 ft
20.0	2.79	26.1 ft
24.0	1.94	31.3 ft
Distance to Plane	Initial Footcandle at Nadir	Beam diameter

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

RC	80%				70%				50%				30%				10%				0%			
	RW	70%	50%	30%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
0	120	120	120	120	117	117	117	117	112	112	112	107	107	107	103	103	103	101						
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	95	94	92						
2	107	101	97	93	104	99	95	92	96	93	90	93	90	88	90	88	86	84						
3	100	93	87	83	98	92	86	82	89	85	81	86	83	80	84	81	78	77						
4	94	86	80	75	93	85	79	74	82	77	73	80	76	73	78	75	72	70						
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64						
6	84	74	67	62	82	73	66	62	71	65	61	70	65	61	68	64	60	59						
7	79	68	62	57	77	68	61	57	66	61	56	65	60	56	64	59	56	54						
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	50						
9	70	60	53	49	69	59	53	48	58	52	48	57	52	48	56	51	48	46						
10	67	56	49	45	66	55	49	45	55	49	45	54	49	45	53	48	45	43						

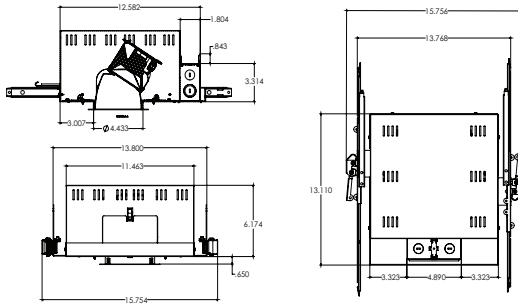
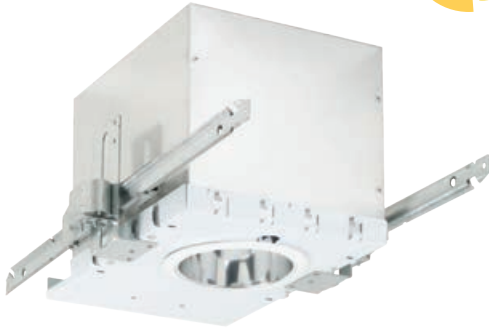
RC - Ceiling Cavity Reflectance RW - Wall Reflectance

Ordering Information: HH4-LED-WDM-30K-18K-1200L-DIM10-120-MD

TYPE	LUMENS	DIMMING	VOLTAGE	OPTICS	EMERGENCY	TRIM TYPE		REFLECTOR/RING FINISH	DISC
						NO DISC	WITH DISC		
HH4-LED-WDM-30K-18K	<input type="checkbox"/> 900L <input type="checkbox"/> 1200L	<input type="checkbox"/> DIMTR <input type="checkbox"/> DIM10 <input type="checkbox"/> LUTECO <input type="checkbox"/> LUT2W <input type="checkbox"/> DMX-512 <input type="checkbox"/> DMX-RDM <input type="checkbox"/> DALI	<input type="checkbox"/> 120 <input type="checkbox"/> 277 (For 347V Consult Factory)	<input type="checkbox"/> ND <input type="checkbox"/> MD <input type="checkbox"/> WD	<input type="checkbox"/> EMG-LED	<input type="checkbox"/> HH4-4501 <input type="checkbox"/> HH4-4507 <input type="checkbox"/> HH4-4521 <input type="checkbox"/> HH4-4522 <input type="checkbox"/> HH4-4523 <input type="checkbox"/> HH4-4525 <input type="checkbox"/> HH4-4577	<input type="checkbox"/> CL-WH <input type="checkbox"/> CL-SCH <input type="checkbox"/> SHZ-SHZ <input type="checkbox"/> SHZ-WH <input type="checkbox"/> W-WH <input type="checkbox"/> MB-WH <input type="checkbox"/> WT-WH	<input type="checkbox"/> BLUE <input type="checkbox"/> RED <input type="checkbox"/> GREEN <input type="checkbox"/> FROST <input type="checkbox"/> AL <input type="checkbox"/> BZ <input type="checkbox"/> WH	
						<input type="checkbox"/> HH4-4509 <input type="checkbox"/> HH4-4510 <input type="checkbox"/> HH4-4511 <input type="checkbox"/> HH4-4528			

REFLECTOR	RING	DISC
CL -Clear SHZ-Satin Haze (Low Intensity)	WT-Wheat MB-Black W -White	WH Self-Flange White SCH Self-Flange Chrome SHZ Satin Haze BLUE WH White RED BZ Bronze GREEN AL Aluminum FROST

\*For custom baffle, reflector, trim ring, glass color and lens options, please consult factory.



**DESCRIPTION:** 4" Round Warm Dim LED New Construction Architectural Adjustable Wall Wash Downlight

**PERFORMANCE:** Operating system delivers 900 & 1200 lumens. All MAXILUME LED Warm Dim Architectural Downlights maintain a CRI of 90+ across the Dimming range of 3000K to 1800K and are binned to within 2 MacAdam ellipse. Elite's highly selective LED diodes produce zero ultraviolet and virtually no infrared light.

**OPTICS:** MAXILUME LED Optilux technology combines unmatched performance with visual comfort. Spun 0.05" thick 1-step anodized self flanged reflector. Reflector offers a 45-55 degree cutoff and comes standard with smooth frost Solite diffuser distributes that light even throughout the space in 3 different distribution; Wide (WD), Medium (MD) and Narrow (ND).

**AIMING:** HH4ADJ-LED have full adjustable aiming capability which allows the double gimbal mechanism to rotate 359° and pivot 90° and lock in place at the desired position

**THERMAL MANAGEMENT SYSTEM:** Proprietary coolLED Advanced Thermodynamic Design, Die-cast aluminum heat sink is attached to top of reflector. The LED light engine is attached to the die-cast heat sink and is easily replaceable and upgradeable.

**INSTALLATION TYPE: NEW CONSTRUCTION: MOUNTING BRACKET AND FRAME** - Constructed from 16 gauge steel and is supplied with C-channel that are adjustable up to 28". Mounting bracket maybe adjusted up to 2-3/4" vertically from inside the housing. Mounting frame is made from Die-formed construction for maximum heat dissipation and rust protection.

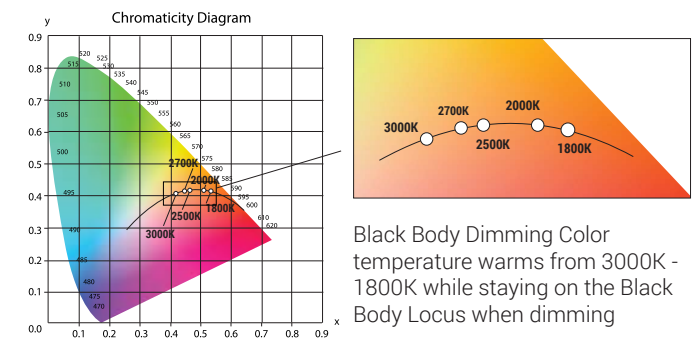
**LED DRIVER/JUNCTION BOX:** MAXILUME's LED driver is may be serviced from below the ceiling. UL Listed for through-branch circuit wiring, provided with four 1/2" KOs, one 3/4" KO and four Romex KOs with true pryout slots and strain clamps. Designed for straight through conduit runs. Available with Integral Emergency (INTG-LED-EMG) or remote mount (EMG-LED) push button.

**OPTIONS** - Fixtures may be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Lutron, Leviton, Wattstopper, EnOcean, Enlighted, Philips and others. **Consult factory for details.**

#### WARM DIM (SMART DIM) ARCHITECTURAL DOWNLIGHT

**SMART DIM** - Warm Dim with Smart Dim technology mimics traditional incandescent halogen lighting through dimming. Using Warm Dim, luminaires dim smoothly from 3000K to 1800K. Warm Dim shifts smoothly over the black body radiator curve as the light dims you move into the rich amber tones that encourages relaxation. It is ideal for hospitality, architectural as well as residential applications, all while maintaining high lumen output for the most stringent energy codes today's legislation requires. Warm Dim comes paired with high CRI of 90+ and superior lumen output.

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**DIM10** (0-10V 1% Dimming Standard) 0-10V driver which can be dimmed down to 1% of initial light output with a 0-10V dimmer when ordered with the following options (DIM10-120, DIM10-277).

**LUTECO** - Provided with Lutron EcoSystem driver. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems and Lutron Vive. When ordered with the following options (LUTECO).

**LUT2W**- (Lutron® Hi-Lume A-Series 2-Wire Forward Phase Control 1% Dimming in 120V). When ordered with the following options (LUT2W).

**DMX** - Compatible with Digital Multiplex Controller, Available with two options: **DMX-512**: Standard DMX Controller and **DMX-RDM**: DMX Controller with Remote Device Management.

**DALI**- Compatible with Digital Addressable Lighting Interface, available with two options: TD6 and TD8.

**OUR WORD** - MAXILUME LED system features 70% lumen maintenance at 50,000hrs of life and carries a five-year carefree warranty for parts and components. (Labor not included).

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

#### LISTING:

c-UL-us / c-ETL-us - listed for Damp location & feed Through Wiring. LM79 / LM80 U.S Patent No. - D685,118S



Trims



• HH4ADJ-4555  
Reflector with Diffuse Lens

HH4ADJ-LED-WDM-30K-18K-1200L-120-MD-HH4-4501-CL-WH

TEST NO.: EL-0116129

INPUT WATTS: 25.1

LUMENS: 1285

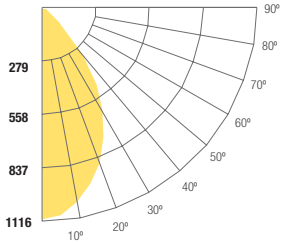
CRI: 90+

EFFICACY: 51

CCT: 30K-18K

SPACING CRITERIA: 0.94

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	372.24	29.10	29.00
0-30	718.17	56.20	55.90
0-40	1030.44	80.60	80.20
0-60	1261.87	98.70	98.20
0-80	1283.89	100.40	99.90
0-90	1285.15	100.50	100.00

Luminance (Average candela/M<sup>2</sup>)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	29970	47243	46807
55	9492	16002	19783
65	2261	4653	10041
75	1200	1467	2089
85	4556	3607	528

Lumens Per Zone

Zone	Lumens
0-10	102.85
10-20	269.40
20-30	345.93
30-40	312.27
40-50	174.29
50-60	57.14
60-70	18.06
70-80	3.96
80-90	1.25

Candela Tabulation

θ	0	5	15	25	35	45	55	65	75	85	90
0	1116.44										
5	1096.95										
15	961.03										
25	750.54										
35	493.36										
45	168.55										
55	43.30										
65	7.60										
75	2.47										
85	0.46										
90	0.09										

Coefficients of Utilization - Zonal Cavity Method  
Effective Floor Cavity Reflectance 0.20

Cone of Light		
4.0	69.8	5.2 ft
8.0	17.4	10.4 ft
12.0	7.75	15.7 ft
16.0	4.36	20.9 ft
20.0	2.79	26.1 ft
24.0	1.94	31.3 ft
Distance to Plane	Initial Footcandle at Nadir	Beam diameter

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

ROOM CAVITY RATIO	RC RW	80%				70%				50%			30%			10%			0%		
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%			
0	120	120	120	120	117	117	117	117	112	112	112	107	107	107	103	103	103	101			
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	95	94	92			
2	107	101	97	93	104	99	95	92	96	93	90	93	90	88	90	88	86	84			
3	100	93	87	83	98	92	86	82	89	85	81	86	83	80	84	81	78	77			
4	94	86	80	75	93	85	79	74	82	77	73	80	76	73	78	75	72	70			
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64			
6	84	74	67	62	82	73	66	62	71	65	61	70	65	61	68	64	60	59			
7	79	68	62	57	77	68	61	57	66	61	56	65	60	56	64	59	56	54			
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	50			
9	70	60	53	49	69	59	53	48	58	52	48	57	52	48	56	51	48	46			
10	67	56	49	45	66	55	49	45	55	49	45	54	49	45	53	48	45	43			

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

Ordering Information: HH4ADJ-LED-WDM-30K-18K-1200L-DIM10-120-MD

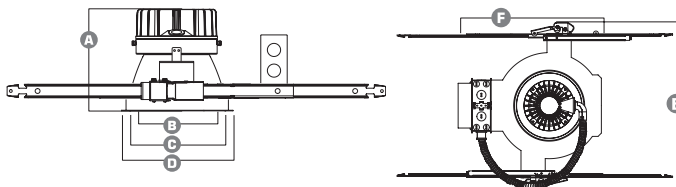
TYPE	LUMENS	DIMMING	VOLTAGE	OPTICS	EMERGENCY	TRIM TYPE	REFLECTOR/RING FINISH	DISC
						WITH DISC		
HH4ADJ-LED-WDM-30K-18K	<input type="checkbox"/> 900L <input type="checkbox"/> 1200L	<input type="checkbox"/> DIMTR <input type="checkbox"/> DIM10 <input type="checkbox"/> LUTECO <input type="checkbox"/> LUT2W <input type="checkbox"/> DMX-512 <input type="checkbox"/> DMX-RDM <input type="checkbox"/> DALI	<input type="checkbox"/> 120 <input type="checkbox"/> 277  (For 347V Consult Factory)	<input type="checkbox"/> ND <input type="checkbox"/> MD <input type="checkbox"/> WD	<input type="checkbox"/> EMG-LED	<input type="checkbox"/> HH4ADJ-4555	<input type="checkbox"/> CL-WH <input type="checkbox"/> CL-SCH <input type="checkbox"/> SHZ-SHZ <input type="checkbox"/> SHZ-WH <input type="checkbox"/> W-WH <input type="checkbox"/> MB-WH <input type="checkbox"/> WT-WH	<input type="checkbox"/> BLUE <input type="checkbox"/> RED <input type="checkbox"/> GREEN <input type="checkbox"/> FROST <input type="checkbox"/> AL <input type="checkbox"/> BZ <input type="checkbox"/> WH

REFLECTOR		RING		DISC	
CL -Clear	WT-Wheat	WH Self-Flange White	BLUE	WH White	
SHZ-Satin Haze (Low Iridescence)	MB-Black	SCH Self-Flange Chrome	RED	BZ Bronze	
	W -White	SHZ Satin Haze	GREEN	AL Aluminum	
			FROST		

\*For custom baffle, reflector, trim ring, glass color and lens options, please consult factory.



## Dimensions



**A** Height = 5-3/4"

**B** Trim Aperture = 5"

**C** Cut-out = 5-1/2"

**E** Trim Outside Dia. = 6-3/8"

**F** Width = 10-1/8"

**D** Length = 18-1/8"

**DESCRIPTION:** 5" Round Warm Dim LED New Construction Architectural Downlight. Available with Downlight, Wall Wash and Wet Location Trims.

**PERFORMANCE:** Operating system delivers 900 & 1200 lumens. All MAXILUME LED Warm Dim Architectural Downlights maintain a CRI of 90+ across the Dimming range of 3000K to 1800K and are binned to within 2 MacAdam ellipse. Elite's highly selective LED diodes produce zero ultraviolet and virtually no infrared light.

**OPTICS:** MAXILUME LED Optilux technology combines unmatched performance with visual comfort. Spun 0.05" thick 1-step anodized self flanged reflector. Reflector offers a 45-55 degree cutoff and comes standard with smooth frost Solite diffuser distributes that light even throughout the space in 3 different distribution; Wide (WD), Medium (MD) and Narrow (ND).

**THERMAL MANAGEMENT SYSTEM:** Proprietary coolLED Advanced Thermodynamic Design, Die-cast aluminum heat sink is attached to top of reflector. The LED light engine is attached to the die-cast heat sink and is easily replaceable and upgradeable.

**INSTALLATION TYPE: NEW CONSTRUCTION: MOUNTING BRACKET AND FRAME** - Constructed from 16 gauge steel and is supplied with C-channel that are adjustable up to 28". Mounting bracket maybe adjusted up to 2-3/4" vertically from inside the housing. Mounting frame is made from Die-formed construction for maximum heat dissipation and rust protection. Also available in Retrofit option. Please see our web site for details.

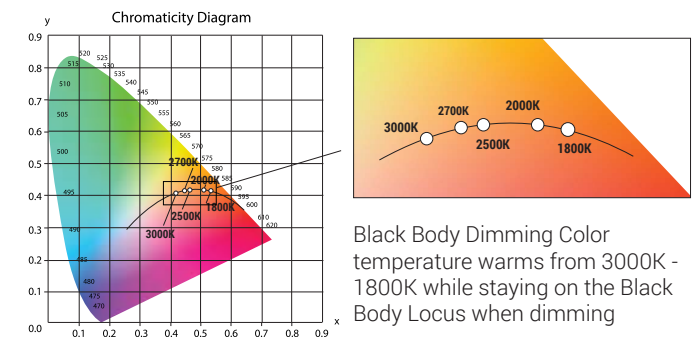
**LED DRIVER/JUNCTION BOX:** MAXILUME's LED driver is may be serviced from below the ceiling. UL Listed for through-branch circuit wiring, provided with four 1/2" KOs, one 3/4" KO and four Romex KOs with true pryout slots and strain clamps. Designed for straight through conduit runs. Available with Integral Emergency (INTG-LED-EMG) or remote mount (EMG-LED) push button.

**OPTIONS** - Fixtures may be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Lutron, Leviton, Wattstopper, EnOcean, Enlighted, Philips and others. **Consult factory for details.**

## WARM DIM (SMART DIM) ARCHITECTURAL DOWNLIGHT

**SMART DIM** - Warm Dim with Smart Dim technology mimics traditional incandescent halogen lighting through dimming. Using Warm Dim, luminaires dim smoothly from 3000K to 1800K. Warm Dim shifts smoothly over the black body radiator curve as the light dims you move into the rich amber tones that encourages relaxation. It is ideal for hospitality, architectural as well as residential applications, all while maintaining high lumen output for the most stringent energy codes today's legislation requires. Warm Dim comes pared with high CRI of 90+ and superior lumen output.

Elite Lighting's Architectural Lighting Luminaires with Black Body Technology mimic traditional Halogen dimming to help create a warm ambiance.



Black Body Dimming Color temperature warms from 3000K - 1800K while staying on the Black Body Locus when dimming

**WARM DIM WITH SMART DIM TECHNOLOGY CAN BE SUPPLIED WITH A VARIETY OF DIMMING AND CONTROL PROTOCOLS 0-10V, DMX, DALI, OR LUTRON ECOSYSTEM AND CAN BE DIMMED DOWN TO 1% OF INITIAL LIGHT OUTPUT:**

**DIMTR** (Triac & Electronic Low Voltage Dimming in 120V only) Triac & Electronic Low Voltage dimming driver available when ordered with the following options (DIMTR-120) and only available in 120V.

**DIM10 (0-10V 1% Dimming Standard)** 0-10V driver which can be dimmed down to 1% of initial light output with a 0-10V dimmer when ordered with the following options (DIM10-120, DIM10-277).

**LUTECO** - Provided with Lutron EcoSystem driver. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems and Lutron Vive. When ordered with the following options (LUTECO).

**LUT2W**- (Lutron® Hi-Lume A-Series 2-Wire Forward Phase Control 1% Dimming in 120V). When ordered with the following options (LUT2W).

**DMX** - Compatible with Digital Multiplex Controller, Available with two options: **DMX-512**: Standard DMX Controller and **DMX-RDM**: DMX Controller with Remote Device Management.

**DALI**- Compatible with Digital Addressable Lighting Interface, available with two options: TD6 and TD8.

**OUR WORD** - MAXILUME LED system features 70% lumen maintenance at 50,000hrs of life and carries a five-year carefree warranty for parts and components. (Labor not included).

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

## LISTING:

c-UL-us / c-ETL-us - listed for Damp location & feed Through Wiring. LM79 / LM80 U.S Patent No. - D685,118S

Trims



HH5-LED-WDM-30K-18K-1200L-MD-HH5-5501-CL-WH

TEST NO.: EL0116129

INPUT WATTS: 25.1

LUMENS: 1285

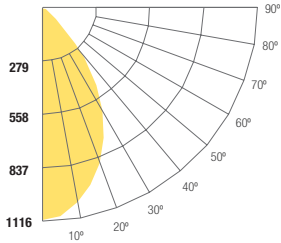
CRI: 90+

EFFICACY: 51

CCT: 30K-18K

SPACING CRITERIA: 1.00

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	372.24	29.10	29.00
0-30	718.17	56.20	55.90
0-40	1030.44	80.60	80.20
0-60	1261.87	98.70	98.20
0-80	1283.89	100.40	99.90
0-90	1285.15	100.50	100.00

Luminance (Average candela/M<sup>2</sup>)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	18769	29586	29314
55	5944	10022	12390
65	1416	2914	6288
75	751	919	1308
85	416	1138	1698

Lumens Per Zone

Zone	Lumens
0-10	102.85
10-20	269.40
20-30	345.93
30-40	312.27
40-50	174.29
50-60	57.14
60-70	18.06
70-80	3.96
80-90	1.25

Candela Tabulation

0	0
0	1116.44
5	1096.95
15	961.03
25	750.54
35	493.36
45	168.55
55	43.30
65	7.60
75	2.47
85	0.46
90	0.09

Coefficients of Utilization - Zonal Cavity Method  
Effective Floor Cavity Reflectance 0.20

RC	80%				70%				50%				30%				10%				0%			
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%			
0	120	120	120	120	117	117	117	117	112	112	112	107	107	107	103	103	103	101						
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	95	94	92						
2	107	101	97	93	104	99	95	92	96	93	90	93	90	88	90	88	86	84						
3	100	93	87	83	98	92	86	82	89	85	81	86	83	80	84	81	78	77						
4	94	86	80	75	93	85	79	74	82	77	73	80	76	73	78	75	72	70						
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64						
6	84	74	67	62	82	73	66	62	71	65	61	70	65	61	68	64	60	59						
7	79	68	62	57	77	68	61	57	66	61	56	65	60	56	64	59	56	54						
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	50						
9	70	60	53	49	69	59	53	48	58	52	48	57	52	48	56	51	48	46						
10	67	56	49	45	66	55	49	45	55	49	45	54	49	45	53	48	45	43						

Cone of Light		
4.0	69.8	5.2 ft
8.0	17.4	10.4 ft
12.0	7.75	15.7 ft
16.0	4.36	20.9 ft
20.0	2.79	26.1 ft
24.0	1.49	31.3 ft
Distance to Plane	Initial Footcandle at Nadir	Beam diameter

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

Ordering Information: HH5-LED-WDM-30K-18K-1200L-DIM10-120-MD

TYPE	LUMENS	DIMMING	VOLTAGE	OPTICS	EMERGENCY	TRIM TYPE	REFLECTOR/ RING FINISH	DISC
						NO DISC		
HH5-LED-WDM-30K-18K	<input type="checkbox"/> 900L <input type="checkbox"/> 1200L	<input type="checkbox"/> DIMTR <input type="checkbox"/> DIM10 <input type="checkbox"/> LUTECO <input type="checkbox"/> LUT2W <input type="checkbox"/> DMX-512 <input type="checkbox"/> DMX-RDM <input type="checkbox"/> DALI	<input type="checkbox"/> 120 <input type="checkbox"/> 277  (For 347V Consult Factory)	<input type="checkbox"/> ND <input type="checkbox"/> MD <input type="checkbox"/> WD	<input type="checkbox"/> EMG-LED	<input type="checkbox"/> HH5-5501	<input type="checkbox"/> CL-WH <input type="checkbox"/> CL-SCH <input type="checkbox"/> SHZ-SHZ <input type="checkbox"/> SHZ-WH <input type="checkbox"/> W-WH <input type="checkbox"/> MB-WH <input type="checkbox"/> WT-WH	<input type="checkbox"/> BLUE <input type="checkbox"/> RED <input type="checkbox"/> GREEN <input type="checkbox"/> FROST <input type="checkbox"/> AL <input type="checkbox"/> BZ <input type="checkbox"/> WH
						<input type="checkbox"/> HH5-5507		
						<input type="checkbox"/> HH5-5521		
						<input type="checkbox"/> HH5-5522		
						<input type="checkbox"/> HH5-5523		
						<input type="checkbox"/> HH5-5525		
						<input type="checkbox"/> HH5-5577		
						WITH DISC		
						<input type="checkbox"/> HH5-5509		
						<input type="checkbox"/> HH5-5510		
						<input type="checkbox"/> HH5-5511		
						<input type="checkbox"/> HH5-5528		

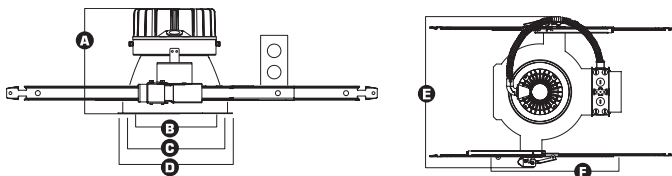
REFLECTOR	RING	DISC
CL -Clear SHZ -Satin Haze (Low Iridescent)	WT -Wheat MB -Black W -White	WH Self-Flange White SCH Self-Flange Chrome SHZ Satin Haze BLUE RED GREEN AL Aluminum FROST

\*For custom baffle, reflector, trim ring, glass color and lens options, please consult factory.





## Dimensions



- A Height = 5-3/4"
- B Trim Aperture = 6"
- C Cut-out = 6-3/4"
- D Trim Outside Dia. = 7-3/8"
- E Width = 16"
- F Length = 20"-33"

**DESCRIPTION:** 6" Round Warm Dim LED New Construction Architectural Downlight. Available with Downlight, Wall Wash and Wet Location Trims.

**PERFORMANCE:** Operating system delivers 900, 1200, 1500 & 2000 lumens. All MAXILUME LED Warm Dim Architectural Downlights maintain a CRI of 90+ across the Dimming range of 3000K to 1800K and are binned to within 2 MacAdam ellipse. Elite's highly selective LED diodes produce zero ultraviolet and virtually no infrared light.

**OPTICS:** MAXILUME LED Optilux technology combines unmatched performance with visual comfort. Spun 0.05" thick 1-step anodized self flanged reflector. Reflector offers a 45-55 degree cutoff and comes standard with smooth frost Solite diffuser distributes that light even throughout the space in 3 different distribution; Wide (WD), Medium (MD) and Narrow (ND).

**THERMAL MANAGEMENT SYSTEM:** Proprietary coolLED Advanced Thermodynamic Design, Die-cast aluminum heat sink is attached to top of reflector. The LED light engine is attached to the die-cast heat sink and is easily replaceable and upgradeable.

**INSTALLATION TYPE: NEW CONSTRUCTION: MOUNTING BRACKET AND FRAME** - Constructed from 16 gauge steel and is supplied with C-channel that are adjustable up to 28". Mounting bracket maybe adjusted up to 2-3/4" vertically from inside the housing. Mounting frame is made from Die-formed construction for maximum heat dissipation and rust protection. Also available in Remodel and Retrofit options. Please see our web site for details.

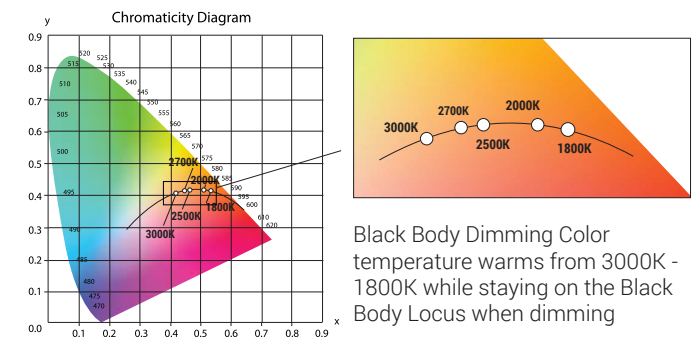
**LED DRIVER/JUNCTION BOX:** MAXILUME's LED driver is may be serviced from below the ceiling. UL Listed for through-branch circuit wiring, provided with four 1/2" KOs, one 3/4" KO and four Romex KOs with true pryout slots and strain clamps. Designed for straight through conduit runs. Available with Integral Emergency (INTG-LED-EMG) or remote mount (EMG-LED) push button.

**OPTIONS** - Fixtures may be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Lutron, Leviton, Wattstopper, EnOcean, Enlighted, Philips and others. **Consult factory for details.**

## WARM DIM (SMART DIM) ARCHITECTURAL DOWNLIGHT

**SMART DIM** - Warm Dim with Smart Dim technology mimics traditional incandescent halogen lighting through dimming. Using Warm Dim, luminaires dim smoothly from 3000K to 1800K. Warm Dim shifts smoothly over the black body radiator curve as the light dims you move into the rich amber tones that encourages relaxation. It is ideal for hospitality, architectural as well as residential applications, all while maintaining high lumen output for the most stringent energy codes today's legislation requires. Warm Dim comes paired with high CRI of 90+ and superior lumen output.

Elite Lighting's Architectural Lighting Luminaires with Black Body Technology mimic traditional Halogen dimming to help create a warm ambiance.



Black Body Dimming Color temperature warms from 3000K - 1800K while staying on the Black Body Locus when dimming

**WARM DIM WITH SMART DIM TECHNOLOGY CAN BE SUPPLIED WITH A VARIETY OF DIMMING AND CONTROL PROTOCOLS 0-10V, DMX, DALI, OR LUTRON ECOSYSTEM AND CAN BE DIMMED DOWN TO 1% OF INITIAL LIGHT OUTPUT:**

**DIMTR** (Triac & Electronic Low Voltage Dimming in 120V only) Triac & Electronic Low Voltage dimming driver available when ordered with the following options (DIMTR-120) and only available in 120V.

**DIM10 (0-10V 1% Dimming Standard)** 0-10V driver which can be dimmed down to 1% of initial light output with a 0-10V dimmer when ordered with the following options (DIM10-120, DIM10-277).

**LUTECO** - Provided with Lutron EcoSystem driver. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems and Lutron Vive. When ordered with the following options (LUTECO).

**LUT2W** - (Lutron® Hi-Lume A-Series 2-Wire Forward Phase Control 1% Dimming in 120V). When ordered with the following options (LUT2W).

**DMX** - Compatible with Digital Multiplex Controller, Available with two options: **DMX-512**: Standard DMX Controller and **DMX-RDM**: DMX Controller with Remote Device Management.

**DALI** - Compatible with Digital Addressable Lighting Interface, available with two options: TD6 and TD8.

**OUR WORD** - MAXILUME LED system features 70% lumen maintenance at 50,000hrs of life and carries a five-year carefree warranty for parts and components. (Labor not included).

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

## LISTING:

c-UL-us / c-ETL-us - listed for Damp location & feed Through Wiring. LM79 / LM80 U.S Patent No. - D685,118S

CP - City of Chicago environmental air (CCEA) marking for plenum applications.

Trims



HH6-LED-WDM-30K-18K-2000L-120-MD-HH6-6501-CL-WH

INPUT WATTS: 34.4

LUMENS: 2099

CRI: 90+

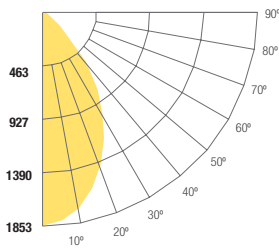
EFFICACY: 61

CCT: 30K-18K

TEST NO.: EL-0116144

SPACING CRITERIA: 0.92

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	955.36	46.20	45.40
0-30	1498.75	72.40	71.30
0-40	1902.14	91.90	90.50
0-60	2093.87	101.20	99.60
0-80	2101.89	101.50	100.00
0-90	2102.89	101.60	100.00

Luminance (Average candela/M<sup>2</sup>)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	21778	33048	32197
55	6877	11095	13322
65	1615	3401	6817
75	859	1077	1502
85	484	1307	1898

Lumens Per Zone

Zone	Lumens
0-10	356.12
10-20	599.23
20-30	543.39
30-40	403.39
40-50	162.97
50-60	28.77
60-70	6.29
70-80	1.73
80-90	0.99

Candela Tabulation

0	0
0	4767.32
5	4477.71
15	2200.10
25	1216.25
35	721.84
45	138.85
55	18.51
65	2.74
75	1.09
85	0.23
90	0.05

Coefficients of Utilization - Zonal Cavity Method  
Effective Floor Cavity Reflectance 0.20

RC	80%				70%				50%				30%				10%				0%			
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%					
0	120	120	120	120	117	117	117	117	112	112	112	107	107	107	103	103	103	101						
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	95	94	92						
2	107	101	97	93	105	100	95	92	96	93	90	93	90	88	90	88	86	84						
3	101	93	88	83	98	92	87	82	89	85	81	87	83	80	84	81	79	77						
4	95	86	80	75	93	85	79	74	83	78	74	80	76	73	79	75	72	70						
5	89	80	73	68	87	79	72	68	77	71	67	75	70	66	73	69	66	64						
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59						
7	79	69	62	57	78	68	61	57	66	61	57	65	60	56	64	59	56	54						
8	75	64	57	53	73	63	57	53	62	56	52	61	56	52	60	55	52	50						
9	71	60	53	49	69	59	53	49	58	53	48	57	52	48	56	52	48	47						
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	43						

Cone of Light

4.0	116	5.1 ft
8.0	29.0	10.2 ft
12.0	12.9	15.3 ft
16.0	7.24	20.4 ft
20.0	4.63	25.5 ft
24.0	3.22	30.6 ft

Distance to Plane | Initial Footcandle at Nadir | Beam diameter

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

Ordering Information: HH6-LED-WDM-30K-18K-1200L-DIM10-120-MD

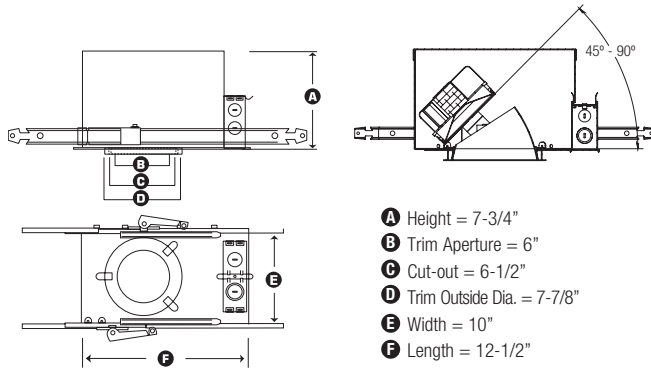
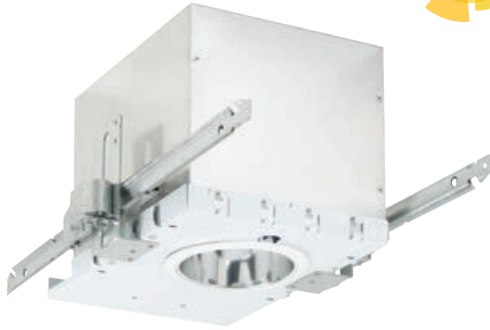
TYPE	LUMENS	DIMMING	VOLTAGE	OPTICS	EMERGENCY	TRIM TYPE	REFLECTOR/ RING FINISH	DISC	
						NO DISC			
HH6-LED-WDM-30K-18K	<input type="checkbox"/> 900L <input type="checkbox"/> 1200L <input type="checkbox"/> 1500L <input type="checkbox"/> 2000L	<input type="checkbox"/> DIMTR <input type="checkbox"/> DIM10 <input type="checkbox"/> LUTECO <input type="checkbox"/> LUT2W <input type="checkbox"/> DMX-512 <input type="checkbox"/> DMX-RDM <input type="checkbox"/> DALI	<input type="checkbox"/> 120 <input type="checkbox"/> 277 (For 347V Consult Factory)	<input type="checkbox"/> ND <input type="checkbox"/> MD <input type="checkbox"/> WD	<input type="checkbox"/> EMG-LED <input type="checkbox"/> INTG-EMG-LED	<input type="checkbox"/> HH6-6501 <input type="checkbox"/> HH6-6507 <input type="checkbox"/> HH6-6521 <input type="checkbox"/> HH6-6522 <input type="checkbox"/> HH6-6523 <input type="checkbox"/> HH6-6525 <input type="checkbox"/> HH6-6577	<input type="checkbox"/> CL-WH <input type="checkbox"/> CL-SCH <input type="checkbox"/> SHZ-SHZ <input type="checkbox"/> SHZ-WH <input type="checkbox"/> W-WH <input type="checkbox"/> MB-WH <input type="checkbox"/> WT-WH	<input type="checkbox"/> BLUE <input type="checkbox"/> RED <input type="checkbox"/> GREEN <input type="checkbox"/> FROST <input type="checkbox"/> AL <input type="checkbox"/> BZ <input type="checkbox"/> WH	
						WITH DISC			
						<input type="checkbox"/> HH6-6509 <input type="checkbox"/> HH6-6510 <input type="checkbox"/> HH6-6511 <input type="checkbox"/> HH6-6528			
						TRIMLESS REFLECTOR			
						<input type="checkbox"/> HH6TL-6501 <input type="checkbox"/> HH6TL-6507			<input type="checkbox"/> CL <input type="checkbox"/> SHZ

REFLECTOR	RING	DISC
CL - Clear SHZ - Satin Haze (Low Intensity)	WT - Wheat MB - Black W - White	WH Self-Flange White SCH Self-Flange Chrome SHZ Satin Haze
		BLUE WH White RED BZ Bronze GREEN AL Alluminum FROST

\*For custom baffle, reflector, trim ring, glass color and lens options, please consult factory.

6" HH6ADJ-LED  
4000 LUMENS

## Architectural High Lumen LED Adjustable Downlight Warm Dim with Smart Dim Technology



**DESCRIPTION:** 6" Round Warm Dim LED New Construction Architectural Adjustable Wall Wash Downlight

**PERFORMANCE:** Operating system delivers 900, 1200, 1500 & 2000 lumens. All MAXILUME LED Warm Dim Architectural Downlights maintain a CRI of 90+ across the Dimming range of 3000K to 1800K and are binned to within 2 MacAdam ellipse. Elite's highly selective LED diodes produce zero ultraviolet and virtually no infrared light.

**OPTICS:** MAXILUME LED Optilux technology combines unmatched performance with visual comfort. Spun 0.05" thick 1-step anodized self flanged reflector. Reflector offers a 45-55 degree cutoff and comes standard with smooth frost Solite diffuser distributes that light even throughout the space in 3 different distribution; Wide (WD), Medium (MD) and Narrow (ND).

**AIMING:** HH6ADJ-LED have full adjustable aiming capability which allows the double gimbal mechanism to rotate 359° and pivot 90° and lock in place at the desired position

**THERMAL MANAGEMENT SYSTEM:** Proprietary coolLED Advanced Thermodynamic Design, Die-cast aluminum heat sink is attached to top of reflector. The LED light engine is attached to the die-cast heat sink and is easily replaceable and upgradeable.

**INSTALLATION TYPE: NEW CONSTRUCTION: MOUNTING BRACKET AND FRAME** - Constructed from 16 gauge steel and is supplied with C-channel that are adjustable up to 28". Mounting bracket maybe adjusted up to 2-3/4" vertically from inside the housing. Mounting frame is made from Die-formed construction for maximum heat dissipation and rust protection.

**LED DRIVER/JUNCTION BOX:** MAXILUME's LED driver is may be serviced from below the ceiling. UL Listed for through-branch circuit wiring, provided with four 1/2" KOs, one 3/4" KO and four Romex KOs with true pryout slots and strain clamps. Designed for straight through conduit runs. Available with Integral Emergency (INTG-LED-EMG) or remote mount (EMG-LED) push button.

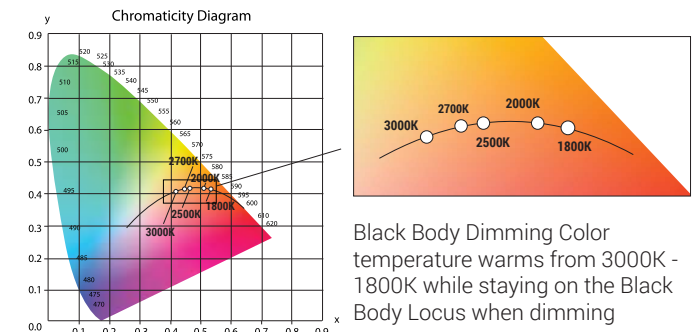
**OPTIONS** - Fixtures may be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Lutron, Leviton, Wattstopper, EnOcean, Enlighted, Philips and others. Consult factory for details. All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

**Consult factory for details.**

### WARM DIM (SMART DIM) ARCHITECTURAL DOWNLIGHT

**SMART DIM** - Warm Dim with Smart Dim technology mimics traditional incandescent halogen lighting through dimming. Using Warm Dim, luminaires dim smoothly from 3000K to 1800K. Warm Dim shifts smoothly over the black body radiator curve as the light dims you move into the rich amber tones that encourages relaxation. It is ideal for hospitality, architectural as well as residential applications, all while maintaining high lumen output for the most stringent energy codes today's legislation requires. Warm Dim comes pared with high CRI of 90+ and superior lumen output.

Elite Lighting's Architectural Lighting Luminaires with Black Body Technology mimic traditional Halogen dimming to help create a warm ambiance.



**WARM DIM WITH SMART DIM TECHNOLOGY CAN BE SUPPLIED WITH A VARIETY OF DIMMING AND CONTROL PROTOCOLS 0-10V, DMX, DALI, OR LUTRON ECOSYSTEM AND CAN BE DIMMED DOWN TO 1% OF INITIAL LIGHT OUTPUT:**

**DIMTR** (Triac & Electronic Low Voltage Dimming in 120V only) Triac & Electronic Low Voltage dimming driver available when ordered with the following options (DIMTR-120) and only available in 120V.

**DIM10 (0-10V 1% Dimming Standard)** 0-10V driver which can be dimmed down to 1% of initial light output with a 0-10V dimmer when ordered with the following options (DIM10-120, DIM10-277).

**LUTECO** - Provided with Lutron EcoSystem driver. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems and Lutron Vive. When ordered with the following options (LUTECO).

**LUT2W**- (Lutron® Hi-Lume A-Series 2-Wire Forward Phase Control 1% Dimming in 120V). When ordered with the following options (LUT2W).

**DMX** - Compatible with Digital Multiplex Controller, Available with two options: **DMX-512**: Standard DMX Controller and **DMX-RDM**: DMX Controller with Remote Device Management.

**DALI**- Compatible with Digital Addressable Lighting Interface, available with two options: TD6 and TD8.

**OUR WORD** - MAXILUME LED system features 70% lumen maintenance at 50,000hrs of life and carries a five-year carefree warranty for parts and components. (Labor not included).

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

#### LISTING:

c-UL-us / c-ETL-us - listed for Damp location & feed Through Wiring.  
LM79 / LM80 U.S Patent No. - D685,118S



Trims



• HH6ADJ-6555  
Reflector with Diffuse Lens

HH6ADJ-LED-WDM-30K-18K-2000L-120-MD-HH6-6501-CL-WH

TEST NO.: EL-0116144

INPUT WATTS: 34.4

LUMENS: 2099

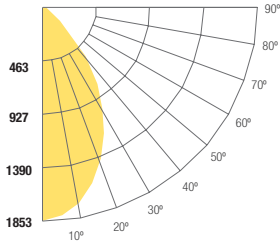
CRI: 90+

EFFICACY: 61

CCT: 30K-18K

SPACING CRITERIA: 0.92

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	955.36	46.20	45.40
0-30	1498.75	72.40	71.30
0-40	1902.14	91.90	90.50
0-60	2093.87	101.20	99.60
0-80	2101.89	101.50	100.00
0-90	2102.89	101.60	100.00

Luminance (Average candela/M<sup>2</sup>)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	21778	33048	32197
55	6877	11095	13322
65	1615	3401	6817
75	859	1077	1502
85	484	1307	1898

Lumens Per Zone

Zone	Lumens
0-10	356.12
10-20	599.23
20-30	543.39
30-40	403.39
40-50	162.97
50-60	28.77
60-70	6.29
70-80	1.73
80-90	0.99

Candela Tabulation

θ	0
0	4767.32
5	4477.71
15	2200.10
25	1216.25
35	721.84
45	138.85
55	18.51
65	2.74
75	1.09
85	0.23
90	0.05

Coefficients of Utilization - Zonal Cavity Method  
Effective Floor Cavity Reflectance 0.20

RC	RW	80%				70%				50%				30%				10%				0%	
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%			
0	120	120	120	120	117	117	117	117	112	112	112	107	107	107	103	103	103	101					
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	95	94	92					
2	107	101	97	93	105	100	95	92	96	93	90	93	90	88	90	88	86	84					
3	101	93	88	83	98	92	87	82	89	85	81	87	83	80	84	81	79	77					
4	95	86	80	75	93	85	79	74	83	78	74	80	76	73	79	75	72	70					
5	89	80	73	68	87	79	72	68	77	71	67	75	70	66	73	69	66	64					
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59					
7	79	69	62	57	78	68	61	57	66	61	57	65	60	56	64	59	56	54					
8	75	64	57	53	73	63	57	53	62	56	52	61	56	52	60	55	52	50					
9	71	60	53	49	69	59	53	49	58	53	48	57	52	48	56	52	48	47					
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	43					

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

Cone of Light		
4.0	116	5.1 ft
8.0	29.0	10.2 ft
12.0	12.9	15.3 ft
16.0	7.24	20.4 ft
20.0	4.63	25.5 ft
24.0	3.22	30.6 ft
Distance to Plane	Initial Footcandle at Nadir	Beam diameter

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

Ordering Information: HH6ADJ-LED-WDM-30K-18K-1200L-DIM10-120-MD

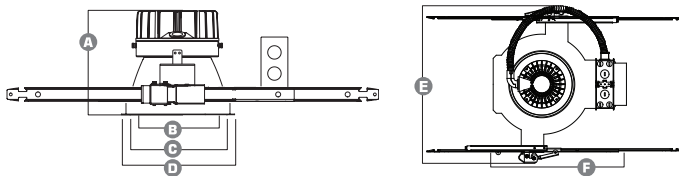
TYPE	LUMENS	DIMMING	VOLTAGE	OPTICS	EMERGENCY	TRIM TYPE WITH DISC	REFLECTOR/RING FINISH	DISC
HH6ADJ-LED-WDM-30K-18K	<input type="checkbox"/> 900L <input type="checkbox"/> 1200L <input type="checkbox"/> 1500L <input type="checkbox"/> 2000L	<input type="checkbox"/> DIMTR <input type="checkbox"/> DIM10 <input type="checkbox"/> LUTECO <input type="checkbox"/> LUT2W <input type="checkbox"/> DMX-512 <input type="checkbox"/> DMX-RDM <input type="checkbox"/> DALI	<input type="checkbox"/> 120 <input type="checkbox"/> 277 (For 347V Consult Factory)	<input type="checkbox"/> ND <input type="checkbox"/> MD <input type="checkbox"/> WD	<input type="checkbox"/> EMG-LED <input type="checkbox"/> INTG-EMG-LED	HH6ADJ-6555	<input type="checkbox"/> CL-WH <input type="checkbox"/> CL-SCH <input type="checkbox"/> SHZ-SHZ <input type="checkbox"/> SHZ-WH <input type="checkbox"/> W-WH <input type="checkbox"/> MB-WH <input type="checkbox"/> WT-WH	<input type="checkbox"/> BLUE <input type="checkbox"/> RED <input type="checkbox"/> GREEN <input type="checkbox"/> FROST <input type="checkbox"/> AL <input type="checkbox"/> BZ <input type="checkbox"/> WH

REFLECTOR		RING		DISC	
CL -Clear	WT-Wheat	WH Self-Flange White	BLUE	WH White	
SHZ-Satin Haze (Low Iridescent)	MB-Black	SCH Self-Flange Chrome	RED	BZ Bronze	
	W-White	SHZ-Satin Haze	GREEN	AL Aluminum	
			FROST		

\*For custom baffle, reflector, trim ring, glass color and lens options, please consult factory.



## Dimensions



- A** Height (6000L/8000L) = 9-5/8"
- A** Height (Up to 4000L) = 7-1/8"
- B** Trim Aperture = 7-3/4"
- C** Cut-out = 8-1/2"
- D** Trim Outside Dia. = 9-1/8"
- E** Width = 16"
- F** Length = 20"-33"

**DESCRIPTION:** 8" Round Warm Dim LED New Construction Architectural Downlight. Available with Downlight, Wall Wash and Wet Location Trims.

**PERFORMANCE:** Operating system delivers 900, 1200, 1500 & 2000 lumens. All MAXILUME LED Warm Dim Architectural Downlights maintain a CRI of 90+ across the Dimming range of 3000K to 1800K and are binned to within 2 MacAdam ellipse. Elite's highly selective LED diodes produce zero ultraviolet and virtually no infrared light.

**OPTICS:** MAXILUME LED Optilux technology combines unmatched performance with visual comfort. Spun 0.05" thick 1-step anodized self flanged reflector. Reflector offers a 45-55 degree cutoff and comes standard with smooth frost Solite diffuser distributes that light even throughout the space in 3 different distribution; Wide (WD), Medium (MD) and Narrow (ND).

**THERMAL MANAGEMENT SYSTEM:** Proprietary coolLED Advanced Thermodynamic Design, Die-cast aluminum heat sink is attached to top of reflector. The LED light engine is attached to the die-cast heat sink and is easily replaceable and upgradeable.

**INSTALLATION TYPE: NEW CONSTRUCTION: MOUNTING BRACKET AND FRAME** - Constructed from 16 gauge steel and is supplied with C-channel that are adjustable up to 28". Mounting bracket maybe adjusted up to 2-3/4" vertically from inside the housing. Mounting frame is made from Die-formed construction for maximum heat dissipation and rust protection. Also available in Remodel and Retrofit options. Please see our web site for details.

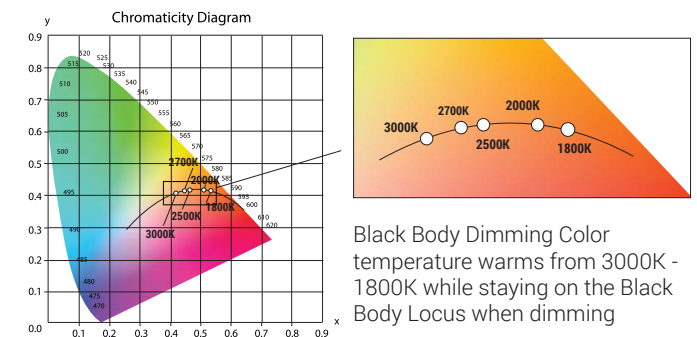
**LED DRIVER/JUNCTION BOX:** MAXILUME's LED driver is may be serviced from below the ceiling. UL Listed for through-branch circuit wiring, provided with four 1/2" KOs, one 3/4" KO and four Romex KOs with true pryout slots and strain clamps. Designed for straight through conduit runs. Available with Integral Emergency (INTG-LED-EMG) or remote mount (EMG-LED) push button.

**OPTIONS** - Fixtures may be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Lutron, Leviton, Wattstopper, EnOcean, Enlighted, Philips and others. **Consult factory for details.**

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Elite Lighting's Architectural Lighting Luminaires with Black Body Technology mimic traditional Halogen dimming to help create a warm ambiance.



Black Body Dimming Color temperature warms from 3000K - 1800K while staying on the Black Body Locus when dimming

**WARM DIM WITH SMART DIM TECHNOLOGY CAN BE SUPPLIED WITH A VARIETY OF DIMMING AND CONTROL PROTOCOLS 0-10V, DMX, DALI, OR LUTRON ECOSYSTEM AND CAN BE DIMMED DOWN TO 1% OF INITIAL LIGHT OUTPUT:**

**DIMTR** (Triac & Electronic Low Voltage Dimming in 120V only) Triac & Electronic Low Voltage dimming driver available when ordered with the following options (DIMTR-120) and only available in 120V.

**DIM10 (0-10V 1% Dimming Standard)** 0-10V driver which can be dimmed down to 1% of initial light output with a 0-10V dimmer when ordered with the following options (DIM10-120, DIM10-277).

**LUTECO** - Provided with Lutron EcoSystem driver. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems and Lutron Vive. When ordered with the following options (LUTECO).

**LUT2W** - (Lutron® Hi-Lume A-Series 2-Wire Forward Phase Control 1% Dimming in 120V). When ordered with the following options (LUT2W).

**DMX** - Compatible with Digital Multiplex Controller, Available with two options: **DMX-512**: Standard DMX Controller and **DMX-RDM**: DMX Controller with Remote Device Management.

**DALI** - Compatible with Digital Addressable Lighting Interface, available with two options: TD6 and TD8.

**OUR WORD** - MAXILUME LED system features 70% lumen maintenance at 50,000hrs of life and carries a five-year carefree warranty for parts and components. (Labor not included).

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

## LISTING:

c-UL-us / c-ETL-us - listed for Damp location & feed Through Wiring. LM79 / LM80 U.S Patent No. - D685,118S

CP - City of Chicago environmental air (CCEA) marking for plenum applications.

Trims



• HH8-8501  
Reflector with Diffuse Lens



• HH8-8507  
Wall Wash Reflector with Diffuse Lens



• HH8-8577  
Double Wall Wash Reflector with Diffuse Lens



• HH8-8528 (VH)  
Reflector with Aluminum Disk & Diffuse Lens-White



• HH8-8528 (AL)  
Reflector w/ Aluminum Disk & Diffuse Lens- Aluminum



• HH8-8528 (BZ)  
Reflector with Aluminum Disk & Diffuse Lens- Bronze



• HH8-8509  
Deco Glass Reflector with Diffuse Lens



• HH8-8511  
Triple Ring Glass Reflector with Diffuse Lens



• HH8-8525  
Central Etched Float Glass Reflector with Diffuse Lens



• HH8-8521  
Standard Ring Glass Reflector with Diffuse Lens



• HH8-8523  
Prismo Deco Ring Glass Reflector with Diffuse Lens



• HH8-8522  
Euro Deco Ring Glass Reflector with Diffuse Lens

HH8-LED-WDM-30K-18K-2000L-120-MD-HH8-8501-CL-WH

INPUT WATTS: 34.6

LUMENS: 2103

CRI: 90+

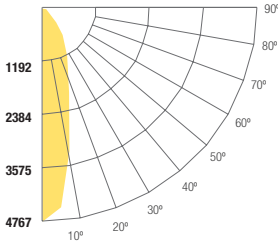
EFFICACY: 61

CCT: 30K-18K

TEST NO.: EL-031637

SPACING CRITERIA: 0.48

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	614.27	29.40	29.30
0-30	1178.95	56.50	56.20
0-40	1687.62	80.80	80.40
0-60	2061.92	98.80	98.20
0-80	2097.24	100.50	99.90
0-90	2099.29	100.60	100.00

Luminance (Average candela/M<sup>2</sup>)

Angle in Degrees	Average		
	0°	45°	90°
45	6172	4004	11691
55	1014	1023	1905
65	204	283	995
75	132	239	288
85	83	509	635

Lumens Per Zone

Zone	Lumens
0-10	170.45
10-20	443.82
20-30	564.69
30-40	508.67
40-50	282.79
50-60	91.50
60-70	28.86
70-80	6.47
80-90	2.05

Candela Tabulation

0	
0	1853.35
5	1819.64
15	1587.78
25	1215.43
35	807.65
45	281.17
55	72.02
65	12.46
75	4.06
85	0.77
90	0.14

Coefficients of Utilization - Zonal Cavity Method  
Effective Floor Cavity Reflectance 0.20

RC	80%				70%				50%				30%				10%				0%	
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%		
ROOM CAVITY RATIO	0	121	121	121	121	118	118	118	118	113	113	113	108	108	108	104	104	104	102			
	1	116	113	110	108	113	111	108	106	106	105	103	103	101	100	99	98	97	95			
	2	110	105	101	98	108	104	100	97	100	97	95	97	95	93	94	93	91	88			
	3	105	98	94	90	103	97	93	89	94	91	88	92	89	86	90	87	85	83			
	4	100	92	87	83	98	91	86	82	89	85	81	87	83	80	85	82	79	78			
	5	95	87	81	77	93	86	81	77	84	79	76	82	78	75	81	77	75	73			
	6	91	82	76	72	89	81	76	72	80	75	71	78	74	71	77	73	70	69			
	7	86	77	72	67	85	77	71	67	75	70	67	74	70	67	73	69	66	65			
	8	83	73	68	64	81	73	67	63	72	67	63	71	66	63	70	66	63	61			
	9	79	70	64	60	78	69	64	60	68	63	60	67	63	60	66	62	59	58			
	10	76	66	61	57	75	66	60	57	65	60	57	64	60	57	64	59	56	55			

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

Cone of Light

Beam diameter	Initial Footcandle at Nadir	Distance to Plane
4.0	298	2.0 ft
8.0	74.5	4.0 ft
12.0	33.1	6.0 ft
16.0	18.6	8.0 ft
20.0	11.9	10.0 ft
24.0	8.28	12.0 ft

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

Ordering Information: HH8-LED-WDM-30K-18K-1200L-DIM10-120-MD

TYPE	LUMENS	DIMMING	VOLTAGE	OPTICS	EMERGENCY	TRIM TYPE		REFLECTOR/RING FINISH	DISC
						NO DISC	WITH DISC		
HH8-LED-WDM-30K-18K	<input type="checkbox"/> 900L <input type="checkbox"/> 1200L <input type="checkbox"/> 1500L <input type="checkbox"/> 2000L	<input type="checkbox"/> DIMTR <input type="checkbox"/> DIM10 <input type="checkbox"/> LUTEKO <input type="checkbox"/> LUT2W <input type="checkbox"/> DMX-512 <input type="checkbox"/> DMX-RDM <input type="checkbox"/> DALI	<input type="checkbox"/> 120 <input type="checkbox"/> 277 (For 347V Consult Factory)	<input type="checkbox"/> ND <input type="checkbox"/> MD <input type="checkbox"/> WD	<input type="checkbox"/> EMG-LED <input type="checkbox"/> INTG-EMG-LED	<input type="checkbox"/> HH8-8501 <input type="checkbox"/> HH8-8507 <input type="checkbox"/> HH8-8521 <input type="checkbox"/> HH8-8522 <input type="checkbox"/> HH8-8523 <input type="checkbox"/> HH8-8525 <input type="checkbox"/> HH8-8577		<input type="checkbox"/> CL-WH <input type="checkbox"/> CL-SCH <input type="checkbox"/> SHZ-SHZ <input type="checkbox"/> SHZ-WH <input type="checkbox"/> W-WH <input type="checkbox"/> MB-WH <input type="checkbox"/> WT-WH	<input type="checkbox"/> BLUE <input type="checkbox"/> RED <input type="checkbox"/> GREEN <input type="checkbox"/> FROST <input type="checkbox"/> AL <input type="checkbox"/> BZ <input type="checkbox"/> WH
						<input type="checkbox"/> HH8-8509 <input type="checkbox"/> HH8-8510 <input type="checkbox"/> HH8-8511 <input type="checkbox"/> HH8-8528			

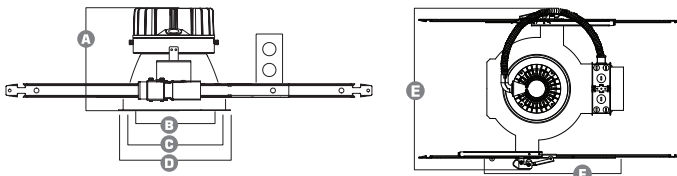
REFLECTOR		RING		DISC	
CL - Clear	WT - Wheat	WH Self-Flange White	BLUE	WH White	
SHZ - Satin Haze (Low Indescent)	MB - Black	SCH Self-Flange Chrome	RED	BZ Bronze	
	W - White	SHZ Satin Haze	GREEN	AL Aluminum	
			FROST		

\*For custom baffle, reflector, trim ring, glass color and lens options, please consult factory.





## Dimensions



- A** Height (6000L/8000L) = 12-1/4"
- A** Height (Up to 4000L) = 9-3/4"
- B** Trim Aperture = 9-3/4"
- C** Cut-out = 10-1/2"
- D** Trim Outside Dia. = 10-3/4" Width
- E** = 17-1/2"
- F** Length = 16-1/2"

**DESCRIPTION:** 10" Round Warm Dim LED New Construction Architectural Downlight. Available with Downlight, Wall Wash and Wet Location Trims.

**PERFORMANCE:** Operating system delivers 900, 1200, 1500 & 2000 lumens. All MAXILUME LED Warm Dim Architectural Downlights maintain a CRI of 90+ across the Dimming range of 3000K to 1800K and are binned to within 2 MacAdam ellipse. Elite's highly selective LED diodes produce zero ultraviolet and virtually no infrared light.

**OPTICS:** MAXILUME LED Optilux technology combines unmatched performance with visual comfort. Spun 0.05" thick 1-step anodized self flanged reflector. Reflector offers a 45-55 degree cutoff and comes standard with smooth frost Solite diffuser distributes that light even throughout the space in 3 different distribution; Wide (WD), Medium (MD) and Narrow (ND).

**THERMAL MANAGEMENT SYSTEM:** Proprietary coolLED Advanced Thermodynamic Design, Die-cast aluminum heat sink is attached to top of reflector. The LED light engine is attached to the die-cast heat sink and is easily replaceable and upgradeable.

**INSTALLATION TYPE: NEW CONSTRUCTION: MOUNTING BRACKET AND FRAME** - Constructed from 16 gauge steel and is supplied with C-channel that are adjustable up to 28". Mounting bracket maybe adjusted up to 2-3/4" vertically from inside the housing. Mounting frame is made from Die-formed construction for maximum heat dissipation and rust protection. Also available in Retrofit options Please see our web site for details.

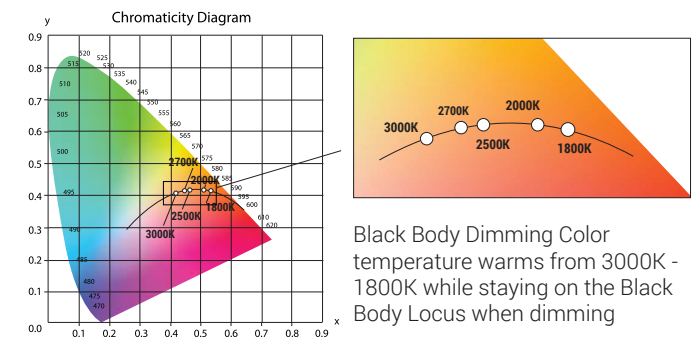
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**OPTIONS** - Fixtures may be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Lutron, Leviton, Wattstopper, EnOcean, Enlighted, Philips and others. **Consult factory for details.**

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Black Body Dimming Color temperature warms from 3000K - 1800K while staying on the Black Body Locus when dimming

**WARM DIM WITH SMART DIM TECHNOLOGY CAN BE SUPPLIED WITH A VARIETY OF DIMMING AND CONTROL PROTOCOLS 0-10V, DMX, DALI, OR LUTRON ECOSYSTEM AND CAN BE DIMMED DOWN TO 1% OF INITIAL LIGHT OUTPUT:**

**DIMTR** (Triac & Electronic Low Voltage Dimming in 120V only) Triac & Electronic Low Voltage dimming driver available when ordered with the following options (DIMTR-120) and only available in 120V.

**DIM10 (0-10V 1% Dimming Standard)** 0-10V driver which can be dimmed down to 1% of initial light output with a 0-10V dimmer when ordered with the following options (DIM10-120, DIM10-277).

**LUTECO** - Provided with Lutron EcoSystem driver. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems and Lutron Vive. When ordered with the following options (LUTECO).

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**DMX** - Compatible with Digital Multiplex Controller, Available with two options: **DMX-512**: Standard DMX Controller and **DMX-RDM**: DMX Controller with Remote Device Management.

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**OUR WORD** - MAXILUME LED system features 70% lumen maintenance at 50,000hrs of life and carries a five-year carefree warranty for parts and components. (Labor not included).

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

## LISTING:

c-UL-us / c-ETL-us - listed for Damp location & feed Through Wiring. LM79 / LM80 U.S Patent No. - D685,118S

Trims



• HH10-1501  
Reflector with Diffuse Lens



• HH10-1507  
Wall Wash Reflector with Diffuse Lens



• HH10-1528 (VH)  
Reflector with Aluminum Disk & Diffuse Lens-White



• HH10-1528 (AL)  
Reflector w/ Aluminum Disk & Diffuse Lens- Aluminum



• HH10-1528 (BZ)  
Reflector with Aluminum Disk & Diffuse Lens- Bronze



• HH10-1509  
Deco Glass Reflector with Diffuse Lens



• HH10-1510  
Double Ring Glass Reflector with Diffuse Lens



• HH10-1511  
Triple Ring Glass Reflector with Diffuse Lens



• HH10-1525  
Central Etched Float Glass with Diffuse Lens

HH10-LED-WDM-30K-18K-2000L-MD-HH10-1501-CL-WH

INPUT WATTS: 34.6

LUMENS: 2103

CRI: 90+

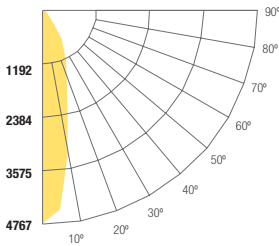
EFFICACY: 61

CCT: 30K-18K

TEST NO.: EL031637

SPACING CRITERIA: 0.54

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	955.36	46.20	45.40
0-30	1498.75	72.40	71.30
0-40	1902.14	91.90	90.50
0-60	2093.87	101.20	99.60
0-80	2101.89	101.50	100.00
0-90	2102.89	101.60	100.00

Luminance (Average candela/M<sup>2</sup>)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	3903	2532	7392
55	641	647	1205
65	129	179	629
75	84	151	182
85	52	322	401

Lumens Per Zone

Zone	Lumens
0-10	356.12
10-20	599.23
20-30	543.39
30-40	403.39
40-50	162.97
50-60	28.77
60-70	6.29
70-80	1.73
80-90	0.99

Candela Tabulation

0	0
0	4767.32
5	4477.71
15	2200.10
25	1216.25
35	721.84
45	138.85
55	18.51
65	2.74
75	1.09
85	0.23
90	0.05

Coefficients of Utilization - Zonal Cavity Method  
Effective Floor Cavity Reflectance 0.20

Cone of Light		
4.0	298	2.0 ft
8.0	74.5	4.0 ft
12.0	33.1	6.0 ft
16.0	18.6	8.0 ft
20.0	11.9	10.0 ft
24.0	8.28	12.0 ft

Distance to Plane Initial Footcandle at Nadir Beam diameter

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

RC	80%				70%				50%				30%				10%				0%			
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%			
0	121	121	121	121	118	118	118	118	113	113	113	108	108	108	104	104	104	102						
1	116	113	110	108	113	111	108	106	106	105	103	103	101	100	99	98	97	95						
2	110	105	101	98	108	104	100	97	100	97	95	97	95	93	94	93	91	89						
3	105	98	94	90	103	97	93	89	94	91	88	92	89	86	90	87	85	83						
4	100	92	87	83	98	91	86	82	89	85	81	87	83	80	85	82	79	78						
5	95	87	81	77	93	86	81	77	84	79	76	82	78	75	81	77	75	73						
6	91	82	76	72	89	81	76	72	80	75	71	78	74	71	77	73	70	69						
7	86	77	72	67	85	77	71	67	75	70	67	74	70	67	73	69	66	65						
8	83	73	68	64	81	73	67	63	72	67	63	71	66	63	70	66	63	61						
9	79	70	64	60	78	69	64	60	68	63	60	67	63	60	66	62	59	58						
10	76	66	61	57	75	66	60	57	65	60	57	64	60	57	64	59	56	55						

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

Ordering Information: HH10-LED-WDM-30K-18K-1200L-DIM10-120-MD

TYPE	LUMENS	DIMMING	VOLTAGE	OPTICS	EMERGENCY	TRIM TYPE	REFLECTOR/RING FINISH	DISC
						NO DISC		
HH10-LED-WDM-30K-18K	<input type="checkbox"/> 900L <input type="checkbox"/> 1200L <input type="checkbox"/> 1500L <input type="checkbox"/> 2000L	<input type="checkbox"/> DIMTR <input type="checkbox"/> DIM10 <input type="checkbox"/> LUTECO <input type="checkbox"/> LUT2W <input type="checkbox"/> DMX-512 <input type="checkbox"/> DMX-RDM <input type="checkbox"/> DALI	<input type="checkbox"/> 120 <input type="checkbox"/> 277 (For 347V Consult Factory)	<input type="checkbox"/> ND <input type="checkbox"/> MD <input type="checkbox"/> WD	<input type="checkbox"/> EMG-LED <input type="checkbox"/> INTG-EMG-LED	<input type="checkbox"/> HH1-1501 <input type="checkbox"/> HH1-1507 <input type="checkbox"/> HH1-1525	<input type="checkbox"/> CL-WH <input type="checkbox"/> CL-SCH <input type="checkbox"/> SHZ-SHZ <input type="checkbox"/> SHZ-WH <input type="checkbox"/> W-WH <input type="checkbox"/> MB-WH <input type="checkbox"/> WT-WH	<input type="checkbox"/> BLUE <input type="checkbox"/> RED <input type="checkbox"/> GREEN <input type="checkbox"/> FROST <input type="checkbox"/> AL <input type="checkbox"/> BZ <input type="checkbox"/> WH
						<input type="checkbox"/> WITH DISC <input type="checkbox"/> HH1-1509 <input type="checkbox"/> HH1-1510 <input type="checkbox"/> HH1-1511 <input type="checkbox"/> HH1-1528		

REFLECTOR	RING	DISC
CL -Clear SHZ-Satin Haze (Low Iridescent)	WT-Wheat MB-Black W -White	WH Self-Flange White SCH Self-Flange Chrome SHZ Satin Haze
BLUE RED GREEN FROST		WH White BZ Bronze AL Aluminum

\*For custom baffle, reflector, trim ring, glass color and lens options, please consult factory.

# ER3 LED

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## SINGLE HOUSING MULTIPLE LIGHTING APPLICATIONS


Fusion's ER3 offers many solutions to your high end architectural, commercial, retail, hospitality, and luxury residential applications. With ER3, you can achieve any desired lighting application with one universal housing. Each housing is fully adjustable for any desired beam angle while up to 45 degrees. Universal housings allow the ability to accommodate either trim or trim-less round or square trims on the same housing. If there is a last minute design change, you can switch out trims at the last moment to allow for flexibility in any given space. Fusion's ER3 offers the latest in optional color chip technology to further enhance your application. ER3 can accommodate Vibrant, Smart Hue, Smart White, and Smart Dimming technology. ER3 offer field changeable optics and can achieve either down lighting, wall-wash, accent, or adjustable lighting layouts for damp or wet location applications.

## VANISHING POINT

A **SLEEK LOOK** THAT BLENDS SEAMLESSLY INTO THE CEILING







## ER3-LED

HIGH PERFORMANCE SMALL APERTURE  
SMART ARCHITECTURAL DOWNLIGHT

- Trim or Trim-less
- Square or Round
- Tool-less Aiming Adjustability
- Universal Housing
- Downlight
- Wall-Wash
- Accent
- Adjustable
- Wet Location Lensed



**ER - Open and Lensed Round Trim and Trim-less Options**



**ES - Open and Lensed Square Trim and Trim-less Options**



The Open and Lensed Downlight Trims and Trim-less are ideal for general lighting application including damp or wet environments.

**ER - Open and Lensed Round Adjustable Accent Trim and Trim-less Options**



**ES - Open and Lensed Square Adjustable Accent Trim and Trim-less Options**



The Open and Lensed Adjustable Accent Trims and Trim-less can adjust up to 45 degrees in 1 degree increments. This is ideal for wall washing or accenting the vertical surfaces within a space. These Adjustable Trim options also can be use in wet or damp environments.

**ER - Pinhole Round Trim and Trim-less Options**



**ES - Pinhole Square Trim and Trim-less Options**



The Pinhole downlight Trim is an ideal solution for dramatic accenting. It maintains a tight beam spot to highlight and add drama to a display. The Pinhole Wall Wash Trim also can add drama and tighten the beam on vertical surfaces.

**ER - Slot Round Trim and Trim-less Options**



The Slot Trim can tighten the beam pattern and elongate to illuminate a large linear display or artistic element.

\* Each Trim has full capability to be offered in all above options in trim or trim-less in round or square shapes.

## TRIM COLOR OPTIONS

### White

White finish allows the luminaire to have a seamless transition into the ceiling, making the lighting trim barely visible, offering aesthetic consistency.



### Clear

Specular Clear is a solution when maximum lumen delivery is your concern. By using a highly specular mirror finish, minimum light is absorbed within the reflector.



### Satin Haze

Satin Haze is an ideal choice as it has a smooth glare free finish and less specular shine than specular clear. Satin Haze offers a perfect glow from the ceiling.



### Black

Black finish allows the luminaire to have a seamless transition into the ceiling, making the light source barely visible.



\* For additional color options please contact our factory.





## FLANGED OR TRIM-LESS RECESSED TOOL-LESS ADJUSTABLE DOWNLIGHT

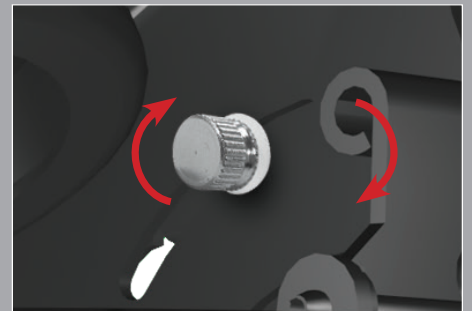
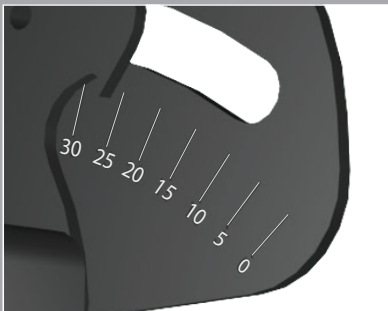
Fusion ER3's proprietary hot aiming system allows the LED light source to be positioned at the perfect setting to ensure the proper position of the beam of light before trim is installed. Diode holder is designed to ensure that the center beam of the light source emerges out of fixture at any angled position from 0° to 45°. The universal functionality and full adjustability of the ER-3 Downlight can be utilized as a recessed directional, accent, wet location shower, and downlight in both flanged trim options or vanishing point trim-less options.

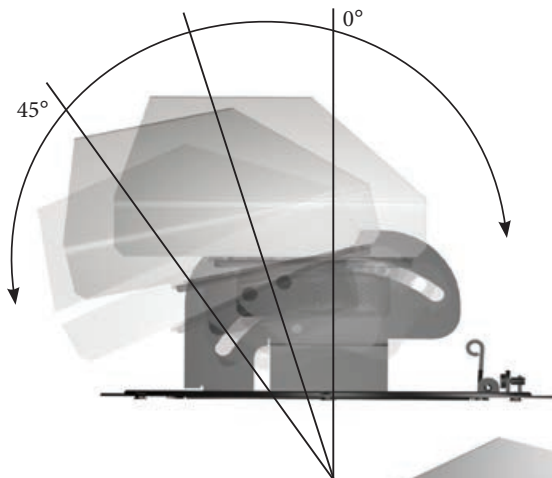


1

### NUMERICAL DEGREES

Allows for the fixtures to be easily field adjusted for precision, performance, and versatility. At installation, you have the ability to lock the beam angle to 1 degree increments and is marked at 5 degree increments. This allows for ease of installation. The housing locks to your exact desired effect for any given application.



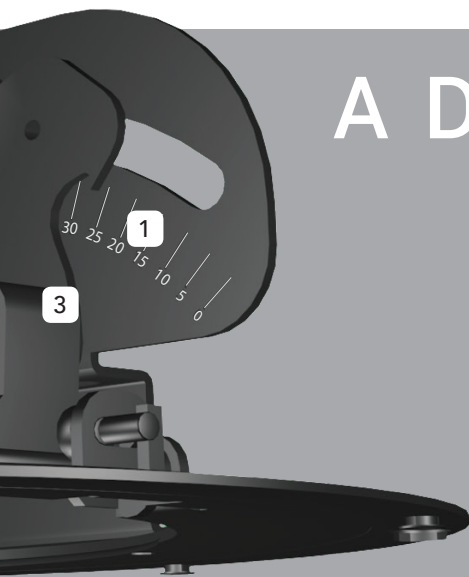
**AIMING:**

Fusion ER3's proprietary hot aiming system allows the LED source to be positioned at the perfect setting to ensure the proper position of the beam of light before the trim is installed. The Diode holder is designed to ensure that the center beam of the light source emerges out of fixture at any angled position from 0° to 45°. The Diode holder contains degree markings, rotates 365° horizontally and 45° vertically without the use of any tools. The Light Source is lockable at both the vertical and the horizontal plane. The integrity of the design and source position are kept in place during servicing.

**DUAL SLOTTED VERTICAL ROTATION SYSTEM**

The dual slotted vertical rotation system offers a smooth vertical angle control from 0 to 45 degrees. The dual vertical track system keeps the beam of light centered at any angle. ER3 is the ideal solution for downlighting, wall-washing or accent lighting.

# ADJUSTABILITY

**2****VERTICAL LOCKING SYSTEM**

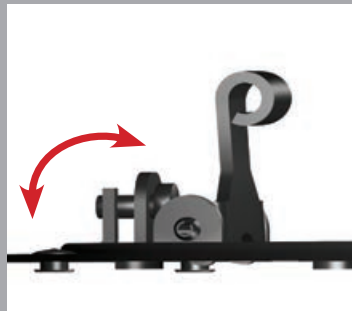
Once the Light Source is set at the desired beam angle from 0 to 45 degrees, the light source can be locked in position using the Rigid Screw Lock System. Simply twist the Rigid Screw Lock System until it is tight to lock in place.

**4****365 DEGREE ROTATION**

Effortlessly rotates on a 365° horizontal rotational smooth slotted groove track system. Using this system can achieve any given lighting effect at any given possible angle. ER3 is a 100 percent directional angle luminaire.

**3****HORIZONTAL LOCKING SYSTEM**

Once the Light Source is set at the desired horizontal position from 0 to 365 degrees, the light source can be locked in position using a mechanical pressure hand-lock latch. You can position the fixture at any degree on the 365 degree rotational horizontal track.





Achieve all of your lighting application objectives with only one universal high-performance architectural housing. The Fusion ER3-LED is a 3" LED Universal Downlight that can accept Round and Square Trims for both trim and trim-less applications (using an ER3-TL for round or ES3-TL for square trim-less mud ring). The universal functionality and full adjustability of the ER-3 Downlight can be utilized as a recessed directional, accent, wet location shower, and downlight. The Fusion ER3 series is ideal for retail, hospitality, commercial, and high-end residential applications. Designed for new construction installations and suitable for use in IC and Non IC applications. Plus, the Eco-friendly Elite LED system features 70% lumen maintenance at 50,000 hours life, with California Title-24.

1

**HOUSING:**

Thermally protected, specification grade adjustable recessed housing. For new construction insulated ceilings where housing will be in direct contact with insulation.

Die-formed all aluminum construction matte black painted for maximum heat dissipation, rust protection, and glare free illumination.

2

**ELECTRICAL / TRANSFORMER:**

Junction box and driver maybe accessed from both below the ceiling and above the ceiling. Junction box is Listed for through branch circuit wiring, 12 AWG 90° C supply Conductors, and has four 1/2" KOs, one 3/4" KO and four Romex knockouts with true pry-out slots and strain clamps

**Smart White can be supplied with a variety of dimming and control protocols 0-10V, DMX, DALI, or Lutron EcoSystem:**

**DIMTR** (Triac & Electronic Low Voltage Dimming in 120V only) Triac & Electronic Low Voltage dimming driver available when ordered with the following options (DIMTR-120) and only available in 120V.

**DIM10** (0-10V 1% Dimming Standard) 0-10V driver which can be dimmed down to 1% of initial light output with a 0-10V dimmer when ordered with the following options (DIM10-120, DIM10-277).

**LUTECO** - Provided with Lutron EcoSystem driver. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems and Lutron Vive. When ordered with the following options (LUTECO).

**LUT2W** - (Lutron® Hi-Lume A-Series 2-Wire Forward Phase Control 1% Dimming in 120V). When ordered with the following options (LUT2W).

**DMX** - Compatible with Digital Multiplex Controller, Available with two options: DMX-512: Standard DMX Controller and DMX-RDM: DMX Controller with Remote Device Management.

**DALI** - Compatible with Digital Addressable Lighting Interface, available with two options: TD6 and TD8. standards by an independent laboratory.



3

**MOUNTING:**

Preinstalled bar hangers allow housing to be positioned and locked at any point within a 24" joist span. They can be positioned on either the long or short axis of the housing and can be shortened for 12" joists. They contain a double-headed real nail for secure attachment into the joist. Bar hanger nails are installed on a 20° downward angle for better contact, and the 90° pivoting mounting plate makes installation fast and accurate. Bar hangers can fit onto T-Bar spline with additional slots and holes for special mounting methods if necessary. Butterfly brackets are also provided and are constructed from 18-gauge steel and can be adjusted vertically. Butterfly brackets may be installed with 3/4" or 1-1/2" lathing channel, 1/2" EMT, or optional C-Channel mounting bars are available.

4

**COLLAR BRACKET:**

Adjusts vertically and can accommodate any ceiling from 1/2" up to 1 1/2" thickness. Please consult factory for custom or thicker ceiling applications. Integral laser beam slots allow the use of guide strings or leveling laser guns to ensure that all luminaires are installed in an level and straight plane.

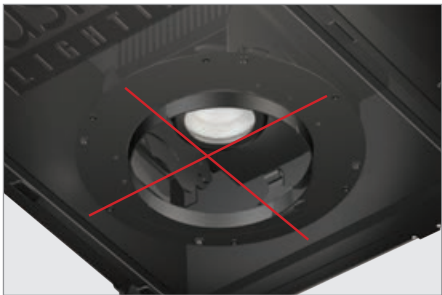




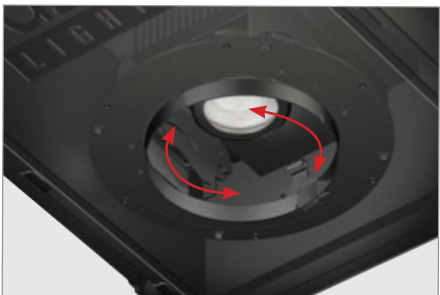
**EASY ACCESS:**  
From the top of the fixture allows ease of rotation and the ability to adjust without complicating the installed luminaire environment.

4

**FIXTURES ALIGNMENT**



**V-Notch Gunsight**  
By using our Gun V notches in the collar prior to drywall installation, you can achieve perfect alignment.



**365° ROTATION**  
Effortlessly rotates on a 365° horizontal rotational smooth slotted groove track system.



## FIELD CHANGEABLE AND LOCKING OPTICS

### Optical Holder

Mounts to the heat sink to center optics perfectly on source.



### Zhaga Compliant LED holder

Zhaga Compliant LED holder centered concentrically inside the optical holder. The Zhaga Compliant LED holder is notched to hold optics perfectly in place.



### SMART DIM

- Warm Dim with Smart Dim technology mimics traditional incandescent halogen lighting through dimming. Using Warm Dim, luminaires dim smoothly from 3000K to 1800K. Warm Dim shifts smoothly over the black body radiator curve as the light dims you move into the rich amber tones that encourages relaxation. It is ideal for hospitality, architectural as well as residential applications, all while maintaining high lumen output for the most stringent energy codes today's legislation requires. Warm Dim comes paired with high CRI of 90+ and superior lumen output.

### Distribution Filters

Filtering options are available to achieve any lighting goal. You have your choice of clear, frosted, solite, honeycomb, wave, linear or prismatic lensing to defuse the light source for smooth illumination.



### Optical

Using polycarbonate optical refractor with precise adjustability, ER3 offers a choice of Narrow at 10° or 18°, Medium at 25° or 35° and Wide at 45° or 50° distribution options to achieve any prescribed design.



### Color Filters

Should you require a color lensing option, they are available in blue, green, pink purple, daylight, yellow, amber, orange, and red.



### Honeycomb

Honeycomb filters are available to smooth and soften light lines for sensitive art exhibits or fine clothing.



### Threaded Adjustable Ring Adapter

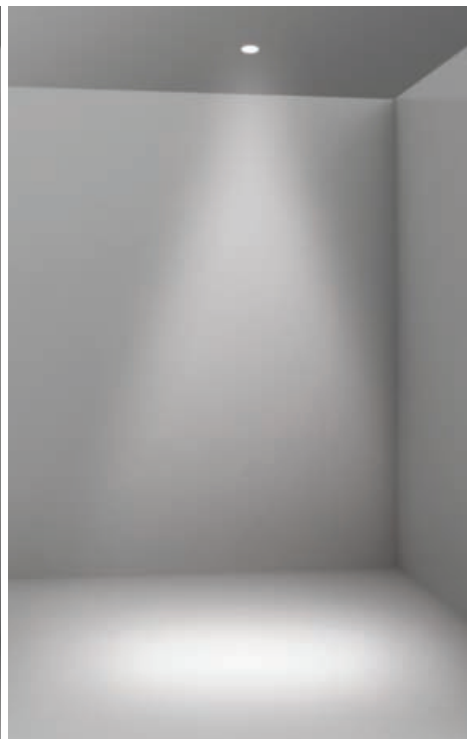
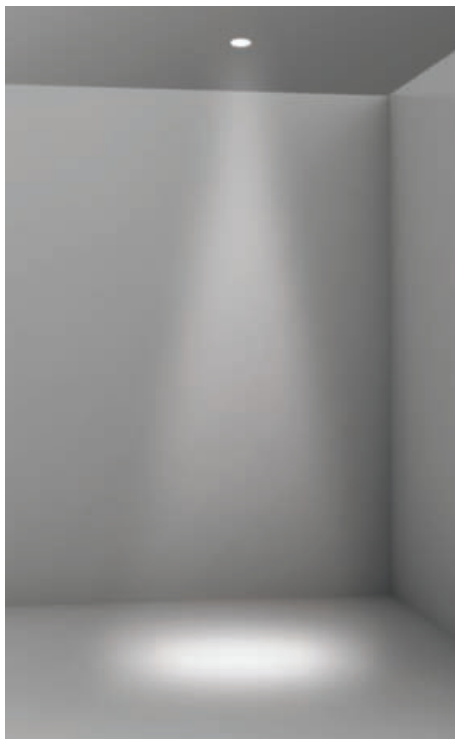
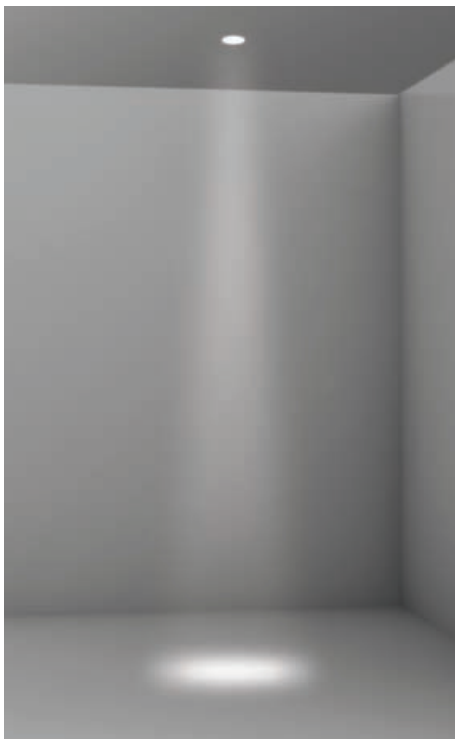
Holds the optics and up to 2 lenses media in place. The threaded ring adapter adjusts to either just optics or added lens media. The threaded adjustable ring adapter allows for quick change of different optical distributions.



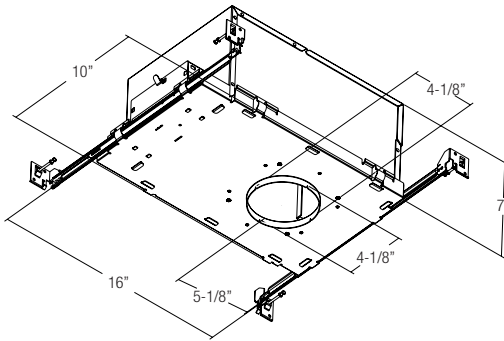
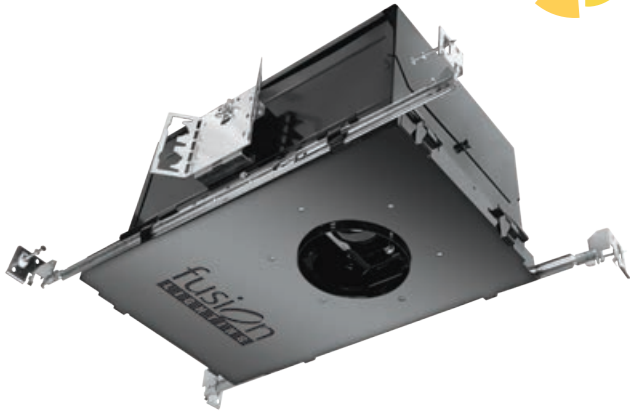
## OPTICS

Polycarbonate optical refractor with precise beam control allows for multiple distribution patterns, achieving any desired illumination pattern, or a multi-segmented reflector allows for precision beam control for different distributions. Carefully crafted to ensure light patterns have no hazing light to keep beam angles crisp and concise, and ensures narrow, medium, wide light patterns. ER3 offers a choice of Narrow at 10° or 18°, Medium at 25° or 35° and Wide at 45° or 50° distribution options to achieve any prescribed design. ER3 offers field changeable optics in either a downlight, wall-wash, accent, or adjustable application. The versatility in adjustability allows for endless options for your lighting design goals.

Narrow Distribution Optics	Medium Distribution Optics	Wide Distribution Optics
		
		
<p>Ideal solution for high concentrations of light for any highlighted or dramatic effect. Elite's small aperture ER3 Spot offers no hazing and crisp concise lines.</p>	<p>Ideal solution for either your downlight or wall washing solution. Using the medium distribution, you can highlight large objects when put in the adjustable position.</p>	<p>Wide distribution is a solution for either wall grazing, downlighting or adjustable solutions.</p>



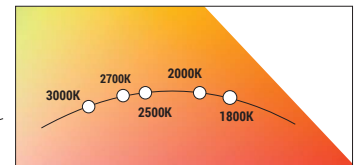
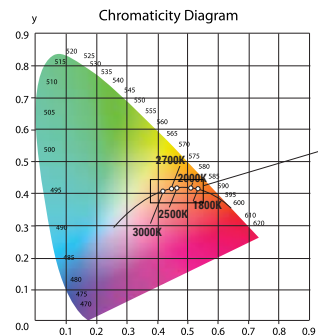




#### WARM DIM (SMART DIM) ARCHITECTURAL DOWNLIGHT

**SMART DIM** - Warm Dim with Smart Dim technology mimics traditional incandescent halogen lighting through dimming. Using Warm Dim, luminaires dim smoothly from 3000K to 1800K. Warm Dim shifts smoothly over the black body radiator curve as the light dims you move into the rich amber tones that encourages relaxation. It is ideal for hospitality, architectural as well as residential applications, all while maintaining high lumen output for the most stringent energy codes today's legislation requires. Warm Dim comes paired with high CRI of 90+ and superior lumen output.

Elite Lighting's Architectural Lighting Luminaires with Black Body Technology mimic traditional Halogen dimming to help create a warm ambiance.



Black Body Dimming Color temperature warms from 3000K - 1800K while staying on the Black Body Locus when dimming

**DESCRIPTION:** Achieve all of your lighting application objectives with only one universal high-performance architectural housing. The Fusion Warm Dim ER3-LED is a 3" LED Universal Downlight that can accept, Round and Square Trims for both trim and trim-less applications (using an ER3-TL for round or ES3-TL for square trim-less mud ring). The universal functionality and fully adjustable of the ER-3 Downlight can be utilized as a Recessed directional, accent, wet location shower, and downlight. The Fusion ER3 series is ideal for retail, hospitality, commercial, and high-end residential applications. Designed for new construction installations and suitable for use in IC and Non IC applications. Plus, the Eco-friendly Elite LED system features 70% lumen maintenance at 50,000 hours life, with California Title-24.

**PERFORMANCE:** High color rendering of 90+ CRI across the dimming range of 3000K to 1800K and guaranteed color consistency with a binning of a 2 step MacAdam Ellipse Scale.

**OPTICS:** ER3 offers a choice of Spot at 10° or 18°, Medium at 25° or 35° and Wide at 45° or 50° distribution options to achieve any prescribed design. ER3 offers field changeable optics in either in a downlight, wall-wash, accent or adjustable application. The versatility in adjustability allows for endless options for your lighting design goals.

**HOUSING:** Thermally protected, specification grade adjustable recessed housing. For new construction insulated ceilings where housing will be in direct contact with insulation. Die-formed all aluminum construction matte black painted for maximum heat dissipation, rust protection and glare free illumination.

**COLLAR BRACKET:** Adjusts vertically and can accommodate any ceiling from 1/2" up to 1" thickness. Please consult factory for custom or thicker ceiling applications. Integral laser beam slots allow the use of guide strings or leveling laser guns to ensure that all luminaires are installed in an level and straight plane.

**ELECTRICAL/ TRANSFORMER:** Junction box and Driver can be accessed from below the ceiling and above the ceiling. Junction Box is Listed for through branch circuit wiring, 12 AWG 90° C supply Conductors, and has four 1/2" KOs, one 3/4" KO and four Romex knockouts with true pry-out slots and strain clamps.

**MOUNTING:** Preinstalled bar hangers allow housing to be positioned and locked at any point within a 24" joist span. They can be positioned on either the long or short axis of the housing and can be shortened for 12" joists. They contain a double-headed real nail for secure attachment into the joist. Bar hanger nails are installed on a 20° downward angle for better contact, and the 90° pivoting mounting plate makes installation fast and accurate. Bar hangers can fit onto T-Bar spline with additional slots and holes for special mounting methods if necessary. Butterfly brackets are also provided and are constructed from 18-gauge steel and can be adjusted vertically. Butterfly brackets may be installed with 3/4" or 1-1/2" lathing channel, 1/2" EMT, or optional C-Channel mounting bars are available.

**OPTIONS** - Fixtures may be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Lutron, Leviton, Wattstopper, EnOcean, Enlighted, Philips and others. **Consult factory for details**

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

**OUR WORD** - Fusion ER Recessed luminaires are covered by Fusion's 5 year limited warranty. As a system, we stand behind our entire products from housing to bar hangers.

#### LISTING:

- c-UL-us listed for damp location.
- c-UL-us listed for feed Through Wiring.
- c-UL-us listed for direct contact with insulation.

**WARM DIM (SMART DIM) ARCHITECTURAL LIGHTING**

**SMART DIM** - Warm Dim with Smart Dim technology mimics traditional incandescent halogen lighting through dimming. Using Warm Dim, luminaires dim smoothly from 3000K to 1800K. Warm Dim shifts smoothly over the black body radiator curve as the light dims you move into the rich amber tones that encourages relaxation. It is ideal for hospitality, architectural as well as residential applications, all while maintaining high lumen output for the most stringent energy codes today's legislation requires. Warm Dim comes paired with high CRI of 90+ and superior lumen output.

**WARM DIM WITH SMART DIM TECHNOLOGY CAN BE SUPPLIED WITH A VARIETY OF DIMMING AND CONTROL PROTOCOLS 0-10V. DMX, DALI, OR LUTRON ECOSYSTEM AND CAN BE DIMMED DOWN TO 1% OF INITIAL LIGHT OUTPUT:**

**DIMTR** (Triac & Electronic Low Voltage Dimming in 120V only) Triac & Electronic Low Voltage dimming driver available when ordered with the following options (DIMTR-120) and only available in 120V.

**DIM10** (0-10V 1% Dimming Standard) 0-10V driver which can be dimmed down to 1% of initial light output with a 0-10V dimmer when ordered with the following options (DIM10-120, DIM10-277).

**LUTECO** - Provided with Lutron EcoSystem driver. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems and Lutron Vive. When ordered with the following options (LUTECO).

**LUT2W**- (Lutron® Hi-Lume A-Series 2-Wire Forward Phase Control 1% Dimming in 120V). When ordered with the following options (LUT2W).

**DMX** - Compatible with Digital Multiplex Controller, Available with two options: **DMX-512**: Standard DMX Controller and **DMX-RDM**: DMX Controller with Remote Device Management.

**DALI** - Compatible with Digital Addressable Lighting Interface, available with two options: TD6 and TD8.

Ordering Information: ER3-LED-WDM-30K-18K-1200L-DIM10-120-MD-35-ER3-TL-1314

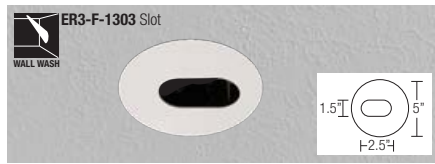
TYPE	LUMENS	DIMMING	VOLTAGE	OPTICS	EMERGENCY	DISC
<input type="checkbox"/> ER3-LED-WDM-30K-18K	<input type="checkbox"/> 700L <input type="checkbox"/> 900L <input type="checkbox"/> 1200L <input type="checkbox"/> 1500L	<input type="checkbox"/> DIMTR <input type="checkbox"/> DIM10 <input type="checkbox"/> LUTECO <input type="checkbox"/> LUT2W <input type="checkbox"/> DMX-512 <input type="checkbox"/> DMX-RDM <input type="checkbox"/> DALI	<input type="checkbox"/> 120 <input type="checkbox"/> MVOLT  (For 347V Consult Factory)	<input type="checkbox"/> ND-25 <input type="checkbox"/> MD-35 <input type="checkbox"/> WD-50	<input type="checkbox"/> EMG-LED)	<input type="checkbox"/> Blank - Standard bar hangers (included) <input type="checkbox"/> BP31 - 27" C-channel bar hangers. <input type="checkbox"/> RIF - RIF filter
<input type="checkbox"/> ER3-LED-IC-WDM-30K-18K						

ROUND TRIM OPTIONS			
FLANGE-LESS TRIM OPTIONS		TRIM-LESS COLOR	TRIM ACCESSORIES
<input type="checkbox"/> ER3-TL-1328* - Lensed Downlight (Wet Location) <input type="checkbox"/> ER3-TL-1307* - Lensed Wall Wash (Wet Location) <input type="checkbox"/> ER3-TL-1314** - Pinhole Downlight <input type="checkbox"/> ER3-TL-1303* - Slot	<input type="checkbox"/> ER3-TL-1302* - Open Downlight <input type="checkbox"/> ER3-TL-1363* - Open Wall Wash <input type="checkbox"/> ER3-TL-1333** - Pinhole Adjustable	<input type="checkbox"/> W - White <input type="checkbox"/> CL - Chrome <input type="checkbox"/> SHZ - Satin Haze <input type="checkbox"/> BK - Black	<input type="checkbox"/> BP-ES3-MR16-HC - Honey Comb Lens <input type="checkbox"/> BP-ES3-MR16-LJ - Linear spread Lens <input type="checkbox"/> BP-ES3-MR16-SP - Spread/Prismatic Lens <input type="checkbox"/> BP-ES3-MR16-SO - Solite Lens
FLANGED TRIM OPTIONS		TRIM COLOR	
<input type="checkbox"/> ER3-F-1328 - Lensed Downlight (Wet Location) <input type="checkbox"/> ER3-F-1307 - Lensed Wall Wash (Wet Location) <input type="checkbox"/> ER3-F-1314** - Pinhole Downlight <input type="checkbox"/> ER3-F-1303** - Slot	<input type="checkbox"/> ER3-F-1302 - Open Downlight <input type="checkbox"/> ER3-F-1363 - Open Wall Wash <input type="checkbox"/> ER3-F-1333** - Pinhole Adjustable	<input type="checkbox"/> W-WH - White <input type="checkbox"/> CL-WH - Chrome <input type="checkbox"/> SHZ-WH - Satin Haze <input type="checkbox"/> BK-WH - Black	
SQUARE TRIM OPTIONS			
FLANGE-LESS TRIM OPTIONS		TRIM-LESS COLOR	TRIM ACCESSORIES
<input type="checkbox"/> ES3-TL-1328* - Lensed Downlight (Wet Location) <input type="checkbox"/> ES3-TL-1307* - Lensed Wall Wash (Wet Location) <input type="checkbox"/> ES3-TL-1314** - Pinhole Downlight	<input type="checkbox"/> ES3-TL-1302* - Open Downlight <input type="checkbox"/> ES3-TL-1363* - Open Wall Wash <input type="checkbox"/> ES3-TL-1333** - Pinhole Wall Wash	<input type="checkbox"/> W - White <input type="checkbox"/> CL - Chrome <input type="checkbox"/> SHZ - Satin Haze <input type="checkbox"/> BK - Black	<input type="checkbox"/> BP-ES3-MR16-HC - Honey Comb Lens <input type="checkbox"/> BP-ES3-MR16-LJ - Linear spread Lens <input type="checkbox"/> BP-ES3-MR16-SP - Spread/Prismatic Lens <input type="checkbox"/> BP-ES3-MR16-SO - Solite Lens
FLANGED TRIM OPTIONS		TRIM COLOR	
<input type="checkbox"/> ES3-F-1328 - Lensed Downlight (Wet Location) <input type="checkbox"/> ES3-F-1307 - Lensed Wall Wash (Wet Location) <input type="checkbox"/> ES3-F-1314** - Pinhole Downlight	<input type="checkbox"/> ES3-F-1302 - Open Downlight <input type="checkbox"/> ES3-F-1363 - Open Wall Wash <input type="checkbox"/> ES3-F-1333** - Pinhole Adjustable	<input type="checkbox"/> W-WH - White <input type="checkbox"/> CL-WH - Chrome <input type="checkbox"/> SHZ-WH - Satin Haze <input type="checkbox"/> BK-WH - Black	

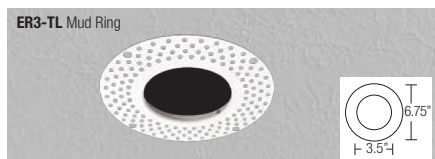


LED ER3 FLANGED OR TRIM-LESS RECESSED WITH TOOL-LESS ADJUSTABILITY

Round Flanged Trim Options



Round Trim-less Options



TRIM OPTION:

Post painted powder coated Die-Cast trim ring available in white and custom colors. Please consult factory for custom paint color options. Collar and trim rotate jointly. Solite Frosted Lens is standard on all trims. Please consult factory for additional lens options. Available in lensed adjustable downlight or lensed adjustable wallwash. Trims attach to the housing with piano springs for snug fit and zero light leakage.

FINISH



WH-White

CL-Clear



SHZ-Satin Haze

BK-Black

TRIM- LESS OPTION:

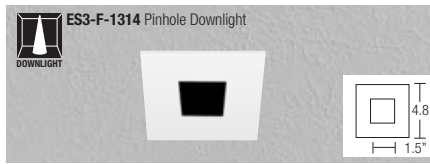
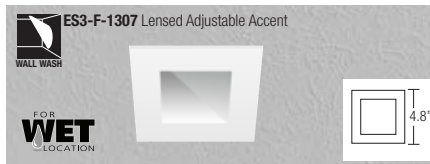
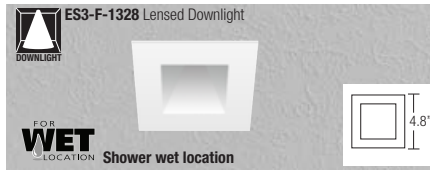
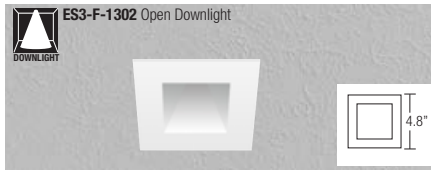
Die-Cast perforated meshcover intended for installation in drywall or plaster ceilings. Mudding maybe applied right up to the edge of the fixture opening to provide seamless appearance. Trim-Less accessory is secured to the housing to prevent fractures in the ceiling and or drywall during and after installation. Trims attach to the housing with piano springs for snug fit and zero light leakage.

TRIM OPTION SELECTOR

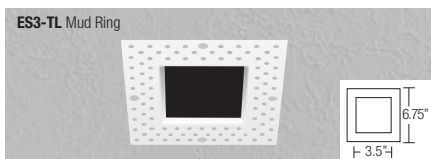


LED ER3 FLANGED OR TRIM-LESS RECESSED WITH TOOL-LESS ADJUSTABILITY

Square Flanged Trim Options



Square Trim-less Options



TRIM OPTION:

Post painted powder coated Die-Cast trim ring available in white and custom colors. Please consult factory for custom paint color options. Collar and trim rotate jointly. Solite Frosted Lens is standard on all trims. Please consult factory for additional lens options. Available in lensed adjustable downlight or lensed adjustable wallwash. Trims attach to the housing with piano springs for snug fit and zero light leakage.

FINISH



WH-White



CL-Clear



SHZ-Satin Haze



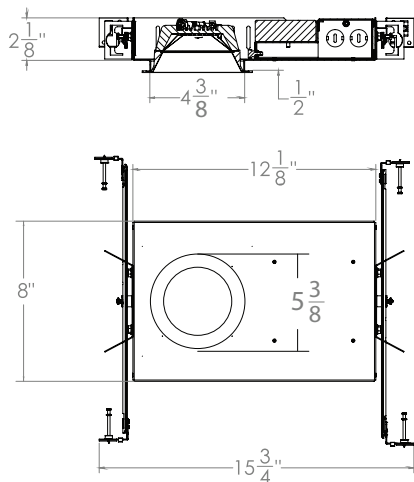
BK-Black

TRIM- LESS OPTION:

Die-Cast perforated meshcover intended for installation in drywall or plaster ceilings. Mudding maybe applied right up to the edge of the fixture opening to provide seamless appearance. Trim-Less accessory is secured to the housing to prevent fractures in the ceiling and or drywall during and after installation. Trims attach to the housing with piano springs for snug fit and zero light leakage.

TRIM OPTION SELECTOR

TRIM-LESS OPTIONS	TRIM OPTIONS
<input type="checkbox"/> ES3-TL-1302 Open Downlight	<input type="checkbox"/> ES3-F-1302 Open Downlight
<input type="checkbox"/> ES3-TL-1328 Lensed Adjustable	<input type="checkbox"/> ES3-F-1328 Lensed Adjustable
<input type="checkbox"/> ES3-TL-1363 Open Wall Wash	<input type="checkbox"/> ES3-F-1363 Open Wall Wash
<input type="checkbox"/> ES3-TL-1307 Lensed Wall Wash	<input type="checkbox"/> ES3-F-1307 Lensed Wall Wash
<input type="checkbox"/> ES3-TL-1314 Pinhole Downlight*	<input type="checkbox"/> ES3-F-1314 Pinhole Downlight*
<input type="checkbox"/> ES3-TL-1333 Pinhole Adjustable*	<input type="checkbox"/> ES3-F-1333 Pinhole Adjustable*
<input type="checkbox"/> ES3-TL Mud Ring	
TRIM COLOR	
<input type="checkbox"/> W -White	<input type="checkbox"/> W-WH - White
<input type="checkbox"/> CL -Chrome	<input type="checkbox"/> CL-WH - Chrome
<input type="checkbox"/> SHZ -Satin Haze	<input type="checkbox"/> SHZ-WH - Satin Haze
<input type="checkbox"/> BK -Black	<input type="checkbox"/> BK-WH - Black
*Pinhole and Slot are only available in black(Reflector) and white(Trim)	
TRIM ACCESSORIES	
<input type="checkbox"/> BP-ES3-MR16-HC - Honey Comb Lens	
<input type="checkbox"/> BP-ES3-MR16-LI - Linear spread Lens	
<input type="checkbox"/> BP-ES3-MR16-SP - Spread/Prismatic Lens	
<input type="checkbox"/> BP-ES3-MR16-SO - Solite Lens	



**DESCRIPTION:** Achieve all of your lighting application objectives with only one universal high-performance architectural housing. The Fusion SR4-LED Shallow is a 4" LED Downlight that can accept round trim and trim-less applications. The Fusion SR-LED shallow series is ideal for retail, hospitality, commercial, and high-end residential applications. Plus, the Eco-friendly Elite LED system features 70% lumen maintenance at 50,000 hours life, with California Title-24.

**PERFORMANCE:** High color rendering of 90+ CRI across the dimming range of 3000K to 1800K and guaranteed color consistency with a binning of a 2 step MacAdam Ellipse Scale.

**OPTICS:** SR4-LED offers a choice of Wide distribution options to achieve any prescribed design. SR-LED offers field changeable optics for downlight and wall-wash.

**HOUSING:** Thermally protected, specification grade adjustable recessed housing. For new construction insulated ceilings where housing will be in direct contact with insulation. Die-formed all aluminum construction matte black painted for maximum heat dissipation, rust protection and glare free illumination.

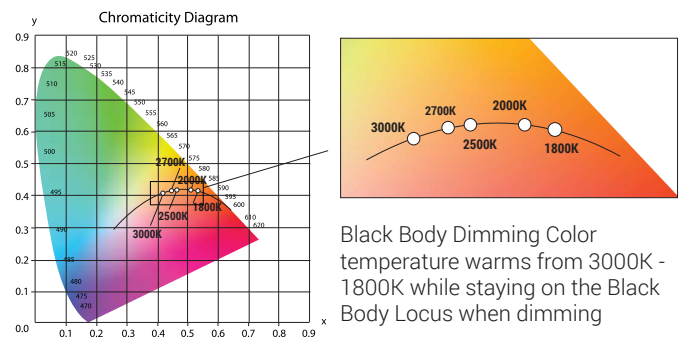
**ELECTRICAL/ TRANSFORMER:** Junction box and Driver can be accessed from below the ceiling and above the ceiling. Junction Box is Listed for through branch circuit wiring, 12 AWG 90° C supply Conductors, and has four 1/2" KOs.

**MOUNTING:** Preinstalled bar hangers allow housing to be positioned and locked at any point within a 24" joist span. They can be positioned on

#### WARM DIM (SMART DIM) SHALLOW ARCHITECTURAL DOWNLIGHT

**SMART DIM** - Warm Dim with Smart Dim technology mimics traditional incandescent halogen lighting through dimming. Using Warm Dim, luminaires dim smoothly from 3000K to 1800K. Warm Dim shifts smoothly over the black body radiator curve as the light dims you move into the rich amber tones that encourages relaxation. It is ideal for hospitality, architectural as well as residential applications, all while maintaining high lumen output for the most stringent energy codes today's legislation requires. Warm Dim comes paired with high CRI of 90+ and superior lumen output.

Elite Lighting's Architectural Lighting Luminaires with Black Body Technology mimic traditional Halogen dimming to help create a warm ambiance.



Black Body Dimming Color temperature warms from 3000K - 1800K while staying on the Black Body Locus when dimming

either the long or short axis of the housing and can be shortened for 12" joists. They contain a double-headed real nail for secure attachment into the joist. Bar hanger nails are installed on a 20° downward angle for better contact, and the 90° pivoting mounting plate makes installation fast and accurate. Bar hangers can fit onto T-Bar spline with additional slots and holes for special mounting methods if necessary. Butterfly brackets are also provided and are constructed from 18-gauge steel and can be adjusted vertically. Butterfly brackets may be installed with 3/4" or 1-1/2" lathing channel, 1/2" EMT, or optional C-Channel mounting bars are available.

**OPTIONS** - Fixtures may be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Lutron, Leviton, Wattstopper, EnOcean, Enlighted, Philips and others. **Consult factory for details**

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

**OUR WORD** - Fusion SR-LED Shallow Recessed luminaires are covered by Fusion's 5 year limited warranty. As a system, we stand behind our entire products from housing to bar hangers.

#### LISTING:

c-UL-us listed for damp location.  
c-UL-us listed for feed Through Wiring.  
c-UL-us listed for direct contact with insulation.

**WARM DIM WITH SMART DIM TECHNOLOGY CAN BE SUPPLIED WITH A VARIETY OF DIMMING AND CONTROL PROTOCOLS 0-10V, DMX, DALI, OR LUTRON ECOSYSTEM AND CAN BE DIMMED DOWN TO 1% OF INITIAL LIGHT OUTPUT:**

**DIMTR** (Triac & Electronic Low Voltage Dimming in 120V only) Triac & Electronic Low Voltage dimming driver available when ordered with the following options (DIMTR-120) and only available in 120V.

**DIM10** (0-10V 1% Dimming Standard) 0-10V driver which can be dimmed down to 1% of initial light output with a 0-10V dimmer when ordered with the following options (DIM10-120, DIM10-277).

**LUTECO** - Provided with Lutron EcoSystem driver. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems and Lutron Vive. When ordered with the following options (LUTECO).

**LUT2W**- (Lutron® Hi-Lume A-Series 2-Wire Forward Phase Control 1% Dimming in 120V). When ordered with the following options (LUT2W).

**DMX** - Compatible with Digital Multiplex Controller, Available with two options: **DMX-512**: Standard DMX Controller and **DMX-RDM**: DMX Controller with Remote Device Management.

**DALI** - Compatible with Digital Addressable Lighting Interface, available with two options: TD6 and TD8.

Ordering Information: SR4-LED-WDM-30K-18K-1200L-DIM10-120-MD-35-SR4-TL-1328

TYPE	LUMENS	DIMMING	VOLTAGE	EMERGENCY	DISC
SR4-LED-WDM-30K-18K	<input type="checkbox"/> 900L <input type="checkbox"/> 1200L	<input type="checkbox"/> DIMTR <input type="checkbox"/> DIM10 <input type="checkbox"/> LUTECO <input type="checkbox"/> LUT2W	<input type="checkbox"/> 120 <input type="checkbox"/> MVOLT  (For 347V Consult Factory)	<input type="checkbox"/> EMG-LED)	<input type="checkbox"/> Blank - Standard bar hangers (included) <input type="checkbox"/> BP31 - 27" C-channel bar hangers. <input type="checkbox"/> RIF - RIF filter
SR4-LED-IC-WDM-30K-18K	<input type="checkbox"/> 900L	<input type="checkbox"/> DMX-512 <input type="checkbox"/> DMX-RDM <input type="checkbox"/> DALI			

TYPE	CCT	LUMENS	VOLTAGE	OPTICS	TRIM COLOR
<input type="checkbox"/> SR4-F-1328 ( Flanged trim)	<input type="checkbox"/> WDM-30K-18K	<input type="checkbox"/> 900L <input type="checkbox"/> 1200L	<input type="checkbox"/> 120 <input type="checkbox"/> MVOLT  (For 347V Consult Factory)	<input type="checkbox"/> ND-25 <input type="checkbox"/> MD-35 <input type="checkbox"/> WD-50	<input type="checkbox"/> W-WH
<input type="checkbox"/> SR4-TL-1328 ( Trim-less)		<input type="checkbox"/> 900L <input type="checkbox"/> 1200L			<input type="checkbox"/> WH

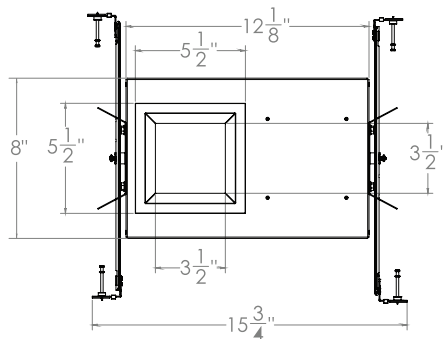
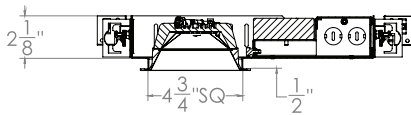


SR4-F-1328



SR4-TL-1328





**DESCRIPTION:** Achieve all of your lighting application objectives with only one universal high-performance architectural housing. The Fusion SS4-LED Shallow is a 4" LED Downlight that can accept round trim and trim-less applications. The Fusion SS-LED shallow series is ideal for retail, hospitality, commercial, and high-end residential applications. Plus, the Eco-friendly Elite LED system features 70% lumen maintenance at 50,000 hours life, with California Title-24.

**PERFORMANCE:** High color rendering of 90+ CRI across the dimming range of 3000K to 1800K and guaranteed color consistency with a binning of a 2 step MacAdam Ellipse Scale.

**OPTICS:** SR4-LED offers a choice of Wide distribution options to achieve any prescribed design. SR-LED offers field changeable optics for downlight and wall-wash.

**HOUSING:** Thermally protected, specification grade adjustable recessed housing. For new construction insulated ceilings where housing will be in direct contact with insulation. Die-formed all aluminum construction matte black painted for maximum heat dissipation, rust protection and glare free illumination.

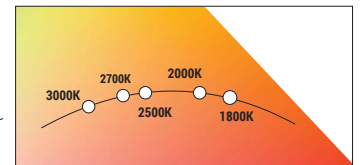
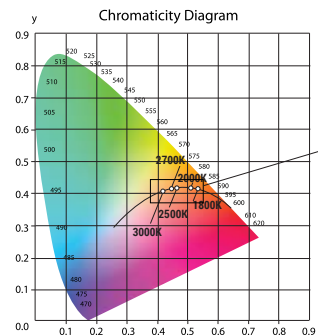
**ELECTRICAL/ TRANSFORMER:** Junction box and Driver can be accessed from below the ceiling and above the ceiling. Junction Box is Listed for through branch circuit wiring, 12 AWG 90° C supply Conductors, and has four 1/2" KOs.

**MOUNTING:** Preinstalled bar hangers allow housing to be positioned and locked at any point within a 24" joist span. They can be positioned on

#### WARM DIM (SMART DIM) SHALLOW ARCHITECTURAL DOWNLIGHT

**SMART DIM** - Warm Dim with Smart Dim technology mimics traditional incandescent halogen lighting through dimming. Using Warm Dim, luminaires dim smoothly from 3000K to 1800K. Warm Dim shifts smoothly over the black body radiator curve as the light dims you move into the rich amber tones that encourages relaxation. It is ideal for hospitality, architectural as well as residential applications, all while maintaining high lumen output for the most stringent energy codes today's legislation requires. Warm Dim comes paired with high CRI of 90+ and superior lumen output.

Elite Lighting's Architectural Lighting Luminaires with Black Body Technology mimic traditional Halogen dimming to help create a warm ambiance.



Black Body Dimming Color temperature warms from 3000K - 1800K while staying on the Black Body Locus when dimming

either the long or short axis of the housing and can be shortened for 12" joists. They contain a double-headed real nail for secure attachment into the joist. Bar hanger nails are installed on a 20° downward angle for better contact, and the 90° pivoting mounting plate makes installation fast and accurate. Bar hangers can fit onto T-Bar spline with additional slots and holes for special mounting methods if necessary. Butterfly brackets are also provided and are constructed from 18-gauge steel and can be adjusted vertically. Butterfly brackets may be installed with 3/4" or 1-1/2" lathing channel, 1/2" EMT, or optional C-Channel mounting bars are available.

**OPTIONS** - Fixtures may be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Lutron, Leviton, Wattstopper, EnOcean, Enlighted, Philips and others. **Consult factory for details**

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

**OUR WORD** - Fusion SS-LED Shallow Recessed luminaires are covered by Fusion's 5 year limited warranty. As a system, we stand behind our entire products from housing to bar hangers.

#### LISTING:

c-UL-us listed for damp location.  
c-UL-us listed for feed Through Wiring.  
c-UL-us listed for direct contact with insulation.

**WARM DIM (SMART DIM) ARCHITECTURAL LIGHTING**

**SMART DIM** - Warm Dim with Smart Dim technology mimics traditional incandescent halogen lighting through dimming. Using Warm Dim, luminaires dim smoothly from 3000K to 1800K. Warm Dim shifts smoothly over the black body radiator curve as the light dims you move into the rich amber tones that encourages relaxation. It is ideal for hospitality, architectural as well as residential applications, all while maintaining high lumen output for the most stringent energy codes today's legislation requires. Warm Dim comes paired with high CRI of 90+ and superior lumen output.

**WARM DIM WITH SMART DIM TECHNOLOGY CAN BE SUPPLIED WITH A VARIETY OF DIMMING AND CONTROL PROTOCOLS 0-10V, DMX, DALI, OR LUTRON ECOSYSTEM AND CAN BE DIMMED DOWN TO 1% OF INITIAL LIGHT OUTPUT:**

**DIMTR** (Triac & Electronic Low Voltage Dimming in 120V only) Triac & Electronic Low Voltage dimming driver available when ordered with the following options (DIMTR-120) and only available in 120V.

**DIM10** (0-10V 1% Dimming Standard) 0-10V driver which can be dimmed down to 1% of initial light output with a 0-10V dimmer when ordered with the following options (DIM10-120, DIM10-277).

**LUTECO** - Provided with Lutron EcoSystem driver. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems and Lutron Vive. When ordered with the following options (LUTECO).

**LUT2W**- (Lutron® Hi-Lume A-Series 2-Wire Forward Phase Control 1% Dimming in 120V). When ordered with the following options (LUT2W).

**DMX** - Compatible with Digital Multiplex Controller, Available with two options: **DMX-512**: Standard DMX Controller and **DMX-RDM**: DMX Controller with Remote Device Management.

**DALI** - Compatible with Digital Addressable Lighting Interface, available with two options: TD6 and TD8.

Ordering Information: SS4-LED-WDM-30K-18K-1200L-DIM10-120-MD-35-SS4-TL-1328

TYPE	LUMENS	DIMMING	VOLTAGE	EMERGENCY	DISC
SS4-LED-WDM-30K-18K	<input type="checkbox"/> 900L <input type="checkbox"/> 1200L	<input type="checkbox"/> DIMTR <input type="checkbox"/> DIM10 <input type="checkbox"/> LUTECO <input type="checkbox"/> LUT2W	<input type="checkbox"/> 120 <input type="checkbox"/> MVOLT  (For 347V Consult Factory)	<input type="checkbox"/> EMG-LED)	<input type="checkbox"/> Blank - Standard bar hangers (included) <input type="checkbox"/> BP31 - 27" C-channel bar hangers. <input type="checkbox"/> RIF - RIF filter
SS4-LED-IC-WDM-30K-18K	<input type="checkbox"/> 900L	<input type="checkbox"/> DMX-512 <input type="checkbox"/> DMX-RDM <input type="checkbox"/> DALI			

TYPE	CCT	LUMENS	VOLTAGE	OPTICS	TRIM COLOR
<input type="checkbox"/> SS4-F-1328 ( Flanged trim)	<input type="checkbox"/> WDM-30K-18K	<input type="checkbox"/> 900L <input type="checkbox"/> 1200L	<input type="checkbox"/> 120 <input type="checkbox"/> MVOLT  (For 347V Consult Factory)	<input type="checkbox"/> ND-25 <input type="checkbox"/> MD-35 <input type="checkbox"/> WD-50	<input type="checkbox"/> W-WH
<input type="checkbox"/> SS4-TL-1328 ( Trim-less)		<input type="checkbox"/> 900L <input type="checkbox"/> 1200L			<input type="checkbox"/> WH



SS4-F-1328



SS4-TL-1328



CYLINDER  
ARCHITECTURAL  
LIGHTING









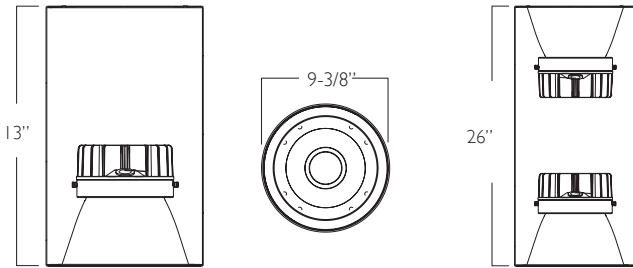


# 6"

## SCH6-LED 2000 LUMENS

# Architectural High Lumen LED Cylinder

### Warm Dim with Smart Dim Technology



**DESCRIPTION:** 6" Warm Dim LED Architectural Cylinder. Available with Downlight, and Wall Wash Trims. Available in Ceiling Mount, Pendant Mount, Suspended Mount, Wall Mount with only Downlight and Wall Mount with Up & Downlight mounting options.

**PERFORMANCE:** Operating system delivers 900, 1200, 1500 & 2000 lumens. All MAXILUME LED Warm Dim Architectural Downlights maintain a CRI of 90+ across the Dimming range of 3000K to 1800K and are binned to within 2 MacAdam ellipse. Elite's highly selective LED diodes produce zero ultraviolet and virtually no infrared light.

**OPTICS:** MAXILUME LED Optilux technology combines unmatched performance with visual comfort. Spun 0.05" thick 1-step anodized self flanged reflector. Reflector offers a 45-55 degree cutoff and comes standard with smooth frost Solite diffuser distributes that light even throughout the space in 3 different distribution; Wide (WD), Medium (MD) and Narrow (ND).

**BODY:** Post painted die-formed construction for maximum heat dissipation and rust protection. Available in Matte white, Black, and silver finish.

**THERMAL MANAGEMENT SYSTEM:** Proprietary coolLED Advanced Thermodynamic Design, Die-cast aluminum heat sink is attached to top of reflector. The LED light engine is attached to the die-cast heat sink and is easily replaceable and upgradeable.

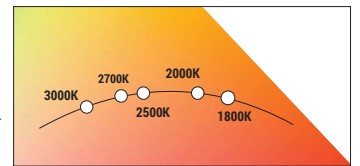
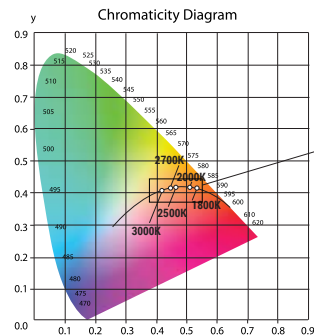
**LED DRIVER/JUNCTION BOX:** LED driver may be only serviced from above the ceiling and must be remote mounted. Available with remote mount Emergency (EMG-LED) push button.

**OPTIONS** - Fixtures may be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Lutron, Leviton, Wattstopper, EnOcean, Enlighted, Philips and others. Consult factory for details. All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory. **Consult factory for details.**

### WARM DIM (SMART DIM) ARCHITECTURAL CYLINDER

**SMART DIM** - Warm Dim with Smart Dim technology mimics traditional incandescent halogen lighting through dimming. Using Warm Dim, luminaires dim smoothly from 3000K to 1800K. Warm Dim shifts smoothly over the black body radiator curve as the light dims you move into the rich amber tones that encourages relaxation. It is ideal for hospitality, architectural as well as residential applications, all while maintaining high lumen output for the most stringent energy codes today's legislation requires. Warm Dim comes paired with high CRI of 90+ and superior lumen output.

Elite Lighting's Architectural Lighting Luminaires with Black Body Technology mimic traditional Halogen dimming to help create a warm ambiance.



Black Body Dimming Color temperature warms from 3000K - 1800K while staying on the Black Body Locus when dimming

**WARM DIM WITH SMART DIM TECHNOLOGY CAN BE SUPPLIED WITH A VARIETY OF DIMMING AND CONTROL PROTOCOLS 0-10V, DMX, DALI, OR LUTRON ECOSYSTEM AND CAN BE DIMMED DOWN TO 1% OF INITIAL LIGHT OUTPUT:**

**DIMTR** (Triac & Electronic Low Voltage Dimming in 120V only) Triac & Electronic Low Voltage dimming driver available when ordered with the following options (DIMTR-120) and only available in 120V.

**DIM10** (0-10V 1% Dimming Standard) 0-10V driver which can be dimmed down to 1% of initial light output with a 0-10V dimmer when ordered with the following options (DIM10-120, DIM10-277).

**LUTECO** - Provided with Lutron EcoSystem driver. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems and Lutron Vive. When ordered with the following options (LUTECO).

**LUT2W**- (Lutron® Hi-Lume A-Series 2-Wire Forward Phase Control 1% Dimming in 120V). When ordered with the following options (LUT2W).

**DMX** - Compatible with Digital Multiplex Controller, Available with two options: **DMX-512**: Standard DMX Controller and **DMX-RDM**: DMX Controller with Remote Device Management.

**DALI**- Compatible with Digital Addressable Lighting Interface, available with two options: TD6 and TD8.

**OUR WORD** - MAXILUME LED system features 70% lumen maintenance at 50,000hrs of life and carries a five-year carefree warranty for parts and components. (Labor not included).

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

### LISTING:

c-UL-us / c-ETL-us - listed for Damp location & feed Through Wiring. LM79 / LM80 U.S Patent No. - D685,118S

Trims



• HH6-6501  
Reflector with Diffuse Lens



• HH6-6507  
Wall Wash Reflector with Diffuse Lens



• HH6-6577  
Double Wall Wash Reflector with Diffuse Lens



• HH6-6528 (WH)  
Reflector with Aluminum Disk & Diffuse Lens-White



• HH6-6528 (AL)  
Reflector w/ Aluminum Disk & Diffuse Lens- Aluminum



• HH6-6528 (BZ)  
Reflector with Aluminum Disk & Diffuse Lens- Bronze



• HH6-6509  
Deco Glass Reflector with Diffuse Lens



• HH6-6511  
Triple Ring Glass Reflector with Diffuse Lens



• HH6-6525  
Central Etched Float Glass with Diffuse Lens



• HH6-6521  
Standard Ring Glass Reflector with Diffuse Lens



• HH6-6523  
Prismo Deco Ring Glass with Diffuse Lens



• HH6-6522  
Euro Deco Ring Glass with Diffuse Lens

SCH6-LED-WDM-30K-18K-2000L-120-MD-HH6-6501-CL-WH

INPUT WATTS: 34.4

LUMENS: 2099

CRI: 90+

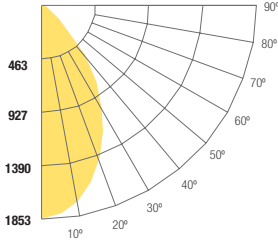
EFFICACY: 61

CCT: 30K-18K

TEST NO.: EL-0116144

SPACING CRITERIA: 0.92

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	955.36	46.20	45.40
0-30	1498.75	72.40	71.30
0-40	1902.14	91.90	90.50
0-60	2093.87	101.20	99.60
0-80	2101.89	101.50	100.00
0-90	2102.89	101.60	100.00

Luminance (Average candela/M<sup>2</sup>)

Angle in Degrees	Average		
	0°	45°	90°
45	21778	33048	32197
55	6877	11095	13322
65	1615	3401	6817
75	859	1077	1502
85	484	1307	1898

Lumens Per Zone

Zone	Lumens
0-10	356.12
10-20	599.23
20-30	543.39
30-40	403.39
40-50	162.97
50-60	28.77
60-70	6.29
70-80	1.73
80-90	0.99

Candela Tabulation

0	
0	4767.32
5	4477.71
15	2200.10
25	1216.25
35	721.84
45	138.85
55	18.51
65	2.74
75	1.09
85	0.23
90	0.05

Coefficients of Utilization - Zonal Cavity Method  
Effective Floor Cavity Reflectance 0.20

RC	RW	80%				70%				50%				30%				10%				0%			
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%				
0	120	120	120	120	117	117	117	117	112	112	112	107	107	107	103	103	103	101							
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	95	94	92							
2	107	101	97	93	105	100	95	92	96	93	90	93	90	88	90	88	86	84							
3	101	93	88	83	98	92	87	82	89	85	81	87	83	80	84	81	79	77							
4	95	86	80	75	93	85	79	74	83	78	74	80	76	73	79	75	72	70							
5	89	80	73	68	87	79	72	68	77	71	67	75	70	66	73	69	66	64							
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59							
7	79	69	62	57	78	68	61	57	66	61	57	65	60	56	64	59	56	54							
8	75	64	57	53	73	63	57	53	62	56	52	61	56	52	60	55	52	50							
9	71	60	53	49	69	59	53	49	58	53	48	57	52	48	56	52	48	47							
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	43							

Cone of Light		
4.0	116	5.1 ft
8.0	29.0	10.2 ft
12.0	12.9	15.3 ft
16.0	7.24	20.4 ft
20.0	4.63	25.5 ft
24.0	3.22	30.6 ft
Distance to Plane	Initial Footcandle at Nadir	Beam diameter

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

Ordering Information: SCH6-LED-PM24-WH-WDM-30K-18K 1200L-DIM10-120-MD

TYPE	MOUNTING	FINISH	CCT	LUMENS	DIMMING	VOLTAGE	OPTICS	EMERGENCY	TRIM TYPE	REFLECTOR/RING FINISH
SCH6-LED	<input type="checkbox"/> CM-Ceiling Mount <input type="checkbox"/> WM-Wall Mount <input type="checkbox"/> UWM-Up/downlight Wall Mount <input type="checkbox"/> PM12-12" Pendant Mount <input type="checkbox"/> PM18-18" Pendant Mount <input type="checkbox"/> PM24-24" Pendant Mount <input type="checkbox"/> PM36-36" Pendant Mount <input type="checkbox"/> PM48-48" Pendant Mount <input type="checkbox"/> SM-10' Suspended Mount (Consult factory for other sizes)	<input type="checkbox"/> WH-WHITE <input type="checkbox"/> BK-BLACK <input type="checkbox"/> BZ- BRONZE <input type="checkbox"/> SI-SILVER	<input type="checkbox"/> WDM-30K-18K	<input type="checkbox"/> 900L <input type="checkbox"/> 1200L <input type="checkbox"/> 1500L <input type="checkbox"/> 2000L	<input type="checkbox"/> DIMTR <input type="checkbox"/> DIM10 <input type="checkbox"/> LUTECO <input type="checkbox"/> LUT2W <input type="checkbox"/> DMX-512 <input type="checkbox"/> DMX-RDM <input type="checkbox"/> DALI	<input type="checkbox"/> 120 <input type="checkbox"/> 277 (For 347V Consult Factory)	<input type="checkbox"/> ND <input type="checkbox"/> MD <input type="checkbox"/> WD	<input type="checkbox"/> EMG-LED <input type="checkbox"/> INTG-EMG-LED (*Only Available on Elite Platform)	<input type="checkbox"/> HH6-6501 <input type="checkbox"/> HH6-6507 <input type="checkbox"/> HH6-6521 <input type="checkbox"/> HH6-6522 <input type="checkbox"/> HH6-6523 <input type="checkbox"/> HH6-6525 <input type="checkbox"/> HH6-6577	<input type="checkbox"/> CL-WH <input type="checkbox"/> CL-SCH <input type="checkbox"/> SHZ-SHZ <input type="checkbox"/> SHZ-WH <input type="checkbox"/> W-WH <input type="checkbox"/> MB-WH <input type="checkbox"/> WT-WH



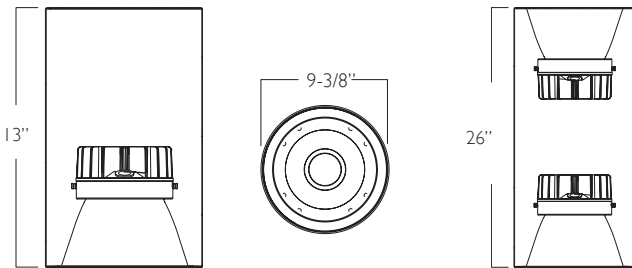


# 8"

## SCH8-LED 2000 LUMENS

# Architectural High Lumen LED Cylinder

### Warm Dim with Smart Dim Technology



**DESCRIPTION:** 8" Warm Dim LED Architectural Cylinder. Available with Downlight, and Wall Wash Trims. Available in Ceiling Mount, Pendant Mount, Suspended Mount, Wall Mount with only Downlight and Wall Mount with Up & Downlight mounting options.

**PERFORMANCE:** Operating system delivers 900, 1200, 1500 & 2000 lumens. All MAXILUME LED Warm Dim Architectural Downlights maintain a CRI of 90+ across the Dimming range of 3000K to 1800K and are binned to within 2 MacAdam ellipse. Elite's highly selective LED diodes produce zero ultraviolet and virtually no infrared light.

**OPTICS:** MAXILUME LED Optilux technology combines unmatched performance with visual comfort. Spun 0.05" thick 1-step anodized self flanged reflector. Reflector offers a 45-55 degree cutoff and comes standard with smooth frost Solite diffuser distributes that light even throughout the space in 3 different distribution; Wide (WD), Medium (MD) and Narrow (ND).

**BODY:** Post painted die-formed construction for maximum heat dissipation and rust protection. Available in Matte white, Black, and silver finish.

**THERMAL MANAGEMENT SYSTEM:** Proprietary coolLED Advanced Thermodynamic Design, Die-cast aluminum heat sink is attached to top of reflector. The LED light engine is attached to the die-cast heat sink and is easily replaceable and upgradeable.

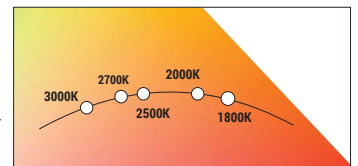
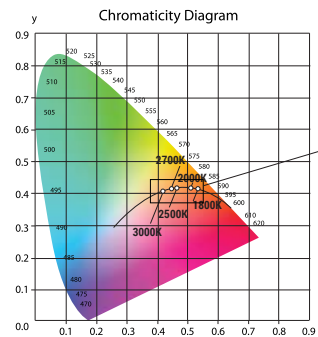
**LED DRIVER/JUNCTION BOX:** LED driver may be only serviced from above the ceiling and must be remote mounted. Available with remote mount Emergency (EMG-LED) push button.

**OPTIONS** - Fixtures may be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Lutron, Leviton, Wattstopper, EnOcean, Enlighted, Philips and others. Consult factory for details. All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory. **Consult factory for details.**

### WARM DIM (SMART DIM) ARCHITECTURAL CYLINDER

**SMART DIM** - Warm Dim with Smart Dim technology mimics traditional incandescent halogen lighting through dimming. Using Warm Dim, luminaires dim smoothly from 3000K to 1800K. Warm Dim shifts smoothly over the black body radiator curve as the light dims you move into the rich amber tones that encourages relaxation. It is ideal for hospitality, architectural as well as residential applications, all while maintaining high lumen output for the most stringent energy codes today's legislation requires. Warm Dim comes paired with high CRI of 90+ and superior lumen output.

**Elite Lighting's Architectural Lighting Luminaires with Black Body Technology** mimic traditional Halogen dimming to help create a warm ambiance.



Black Body Dimming Color temperature warms from 3000K - 1800K while staying on the Black Body Locus when dimming

**WARM DIM WITH SMART DIM TECHNOLOGY CAN BE SUPPLIED WITH A VARIETY OF DIMMING AND CONTROL PROTOCOLS 0-10V, DMX, DALI, OR LUTRON ECOSYSTEM AND CAN BE DIMMED DOWN TO 1% OF INITIAL LIGHT OUTPUT:**

**DIMTR** (Triac & Electronic Low Voltage Dimming in 120V only) Triac & Electronic Low Voltage dimming driver available when ordered with the following options (DIMTR-120) and only available in 120V.

**DIM10 (0-10V 1% Dimming Standard)** 0-10V driver which can be dimmed down to 1% of initial light output with a 0-10V dimmer when ordered with the following options (DIM10-120, DIM10-277).

**LUTECO** - Provided with Lutron EcoSystem driver. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems and Lutron Vive. When ordered with the following options (LUTECO).

**LUT2W-** (Lutron® Hi-Lume A-Series 2-Wire Forward Phase Control 1% Dimming in 120V). When ordered with the following options (LUT2W).

**DMX** - Compatible with Digital Multiplex Controller, Available with two options: **DMX-512:** Standard DMX Controller and **DMX-RDM:** DMX Controller with Remote Device Management.

**DALI** - Compatible with Digital Addressable Lighting Interface, available with two options: TD6 and TD8.

**OUR WORD** - MAXILUME LED system features 70% lumen maintenance at 50,000hrs of life and carries a five-year carefree warranty for parts and components. (Labor not included).

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

### LISTING:

c-UL-us / c-ETL-us - listed for Damp location & feed Through Wiring. LM79 / LM80 U.S Patent No. - D685,118S

Trims



SCH8-LED-WDM-30K-18K-2000L-120-MD-HH8-8501-CL-WH

INPUT WATTS: 34.6

LUMENS: 2103

CRI: 90+

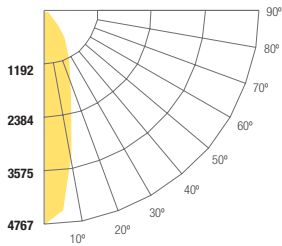
EFFICACY: 61

CCT: 30K-18K

TEST NO.: EL-031637

SPACING CRITERIA: 0.48

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	614.27	29.40	29.30
0-30	1178.95	56.50	56.20
0-40	1687.62	80.80	80.40
0-60	2061.92	98.80	98.20
0-80	2097.24	100.50	99.90
0-90	2099.29	100.60	100.00

Luminance (Average candela/M<sup>2</sup>)

Angle in Degrees	Average		
	0°	45°	90°
45	6172	4004	11691
55	1014	1023	1905
65	204	283	995
75	132	239	288
85	83	509	635

Lumens Per Zone

Zone	Lumens
0-10	170.45
10-20	443.82
20-30	564.69
30-40	508.67
40-50	282.79
50-60	91.50
60-70	28.86
70-80	6.47
80-90	2.05

Candela Tabulation

Zone	Candela
0	1853.35
5	1819.64
15	1587.78
25	1215.43
35	807.65
45	281.17
55	72.02
65	12.46
75	4.06
85	0.77
90	0.14

Coefficients of Utilization - Zonal Cavity Method  
Effective Floor Cavity Reflectance 0.20

RC	80%				70%				50%			30%			10%			0%	
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
ROOM CAVITY RATIO	0	121	121	121	121	118	118	118	118	113	113	113	108	108	108	104	104	104	102
	1	116	113	110	108	113	111	108	106	106	105	103	103	101	100	99	98	97	95
	2	110	105	101	98	108	104	100	97	100	97	95	97	95	93	94	93	91	88
	3	105	98	94	90	103	97	93	89	94	91	88	92	89	86	90	87	85	83
	4	100	92	87	83	98	91	86	82	89	85	81	87	83	80	85	82	79	78
	5	95	87	81	77	93	86	81	77	84	79	76	82	78	75	81	77	75	73
	6	91	82	76	72	89	81	76	72	80	75	71	78	74	71	77	73	70	69
	7	86	77	72	67	85	77	71	67	75	70	67	74	70	67	73	69	66	65
	8	83	73	68	64	81	73	67	63	72	67	63	71	66	63	70	66	63	61
	9	79	70	64	60	78	69	64	60	68	63	60	67	63	60	66	62	59	58
	10	76	66	61	57	75	66	60	57	65	60	57	64	60	57	64	59	56	55

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

Cone of Light

4.0	298	2.0 ft
8.0	74.5	4.0 ft
12.0	33.1	6.0 ft
16.0	18.6	8.0 ft
20.0	11.9	10.0 ft
24.0	8.28	12.0 ft

Distance to Plane | Initial Footcandle at Nadir | Beam diameter

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

Ordering Information: SCH8-LED-PM24-WH-WDM-30K-18K 1200L-DIM10-120-MD

TYPE	MOUNTING	FINISH	CCT	LUMENS	DIMMING	VOLTAGE	OPTICS	EMERGENCY	TRIM TYPE	REFLECTOR/RING FINISH
SCH8-LED	<input type="checkbox"/> CM-Ceiling Mount <input type="checkbox"/> WM-Wall Mount <input type="checkbox"/> UWM-Up/downlight Wall Mount <input type="checkbox"/> PM12-12" Pendant Mount <input type="checkbox"/> PM18-18" Pendant Mount <input type="checkbox"/> PM24-24" Pendant Mount <input type="checkbox"/> PM36-36" Pendant Mount <input type="checkbox"/> PM48-48" Pendant Mount <input type="checkbox"/> SM-10' Suspended Mount (Consult factory for other sizes)	<input type="checkbox"/> WH-WHITE <input type="checkbox"/> BK-BLACK <input type="checkbox"/> BZ- BRONZE <input type="checkbox"/> SI-SILVER	<input type="checkbox"/> WDM-30K-18K	<input type="checkbox"/> 900L <input type="checkbox"/> 1200L <input type="checkbox"/> 1500L <input type="checkbox"/> 2000L	<input type="checkbox"/> DIMTR <input type="checkbox"/> DIM10 <input type="checkbox"/> LUTECO <input type="checkbox"/> LUT2W <input type="checkbox"/> DMX-512 <input type="checkbox"/> DMX-RDM <input type="checkbox"/> DALI	<input type="checkbox"/> 120 <input type="checkbox"/> 277 (For 347V Consult Factory)	<input type="checkbox"/> ND <input type="checkbox"/> MD <input type="checkbox"/> WD	<input type="checkbox"/> EMG-LED <input type="checkbox"/> INTG-EMG-LED (*Only Available on Elite Platform)	<input type="checkbox"/> HH8-8501 <input type="checkbox"/> HH8-8507 <input type="checkbox"/> HH8-8521 <input type="checkbox"/> HH8-8522 <input type="checkbox"/> HH8-8523 <input type="checkbox"/> HH8-8525 <input type="checkbox"/> HH8-8577	<input type="checkbox"/> CL-WH <input type="checkbox"/> CL-SCH <input type="checkbox"/> SHZ-SHZ <input type="checkbox"/> SHZ-WH <input type="checkbox"/> W-WH <input type="checkbox"/> MB-WH <input type="checkbox"/> WT-WH



ARCHITECTURAL  
**LINEAR SLOT**

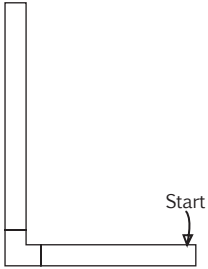
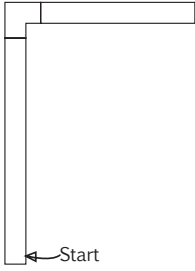




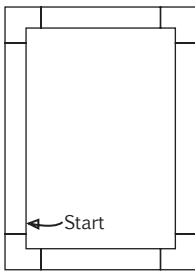
The new OLS LED is designed for both illumination and accent lighting in a complete family of modern and sleek luminaires with many mounting options.



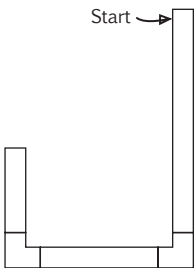
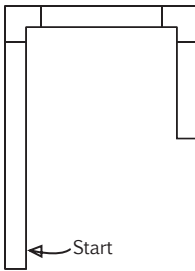
# STANDARD PATTERNS



'L' PATTERNS

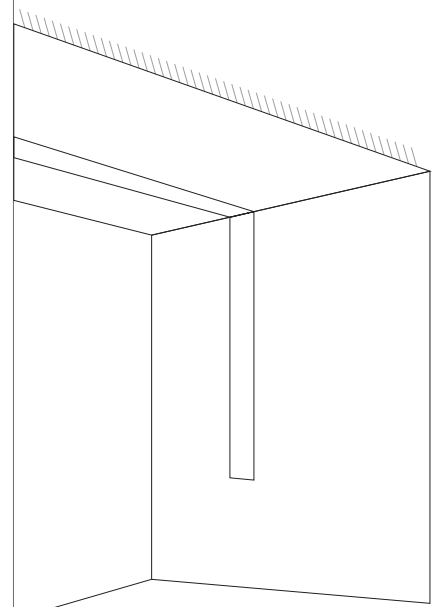


RECTANGULAR

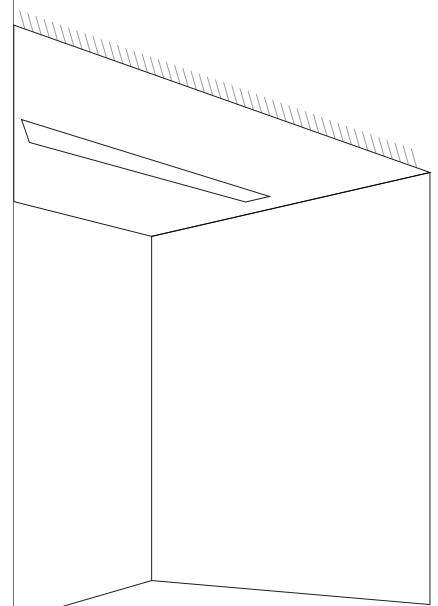


'U' PATTERNS

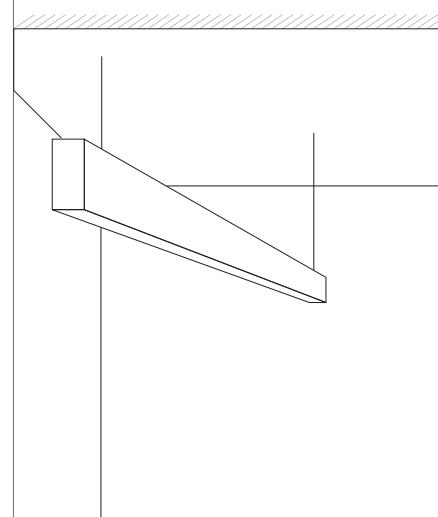




' L ' Recessed

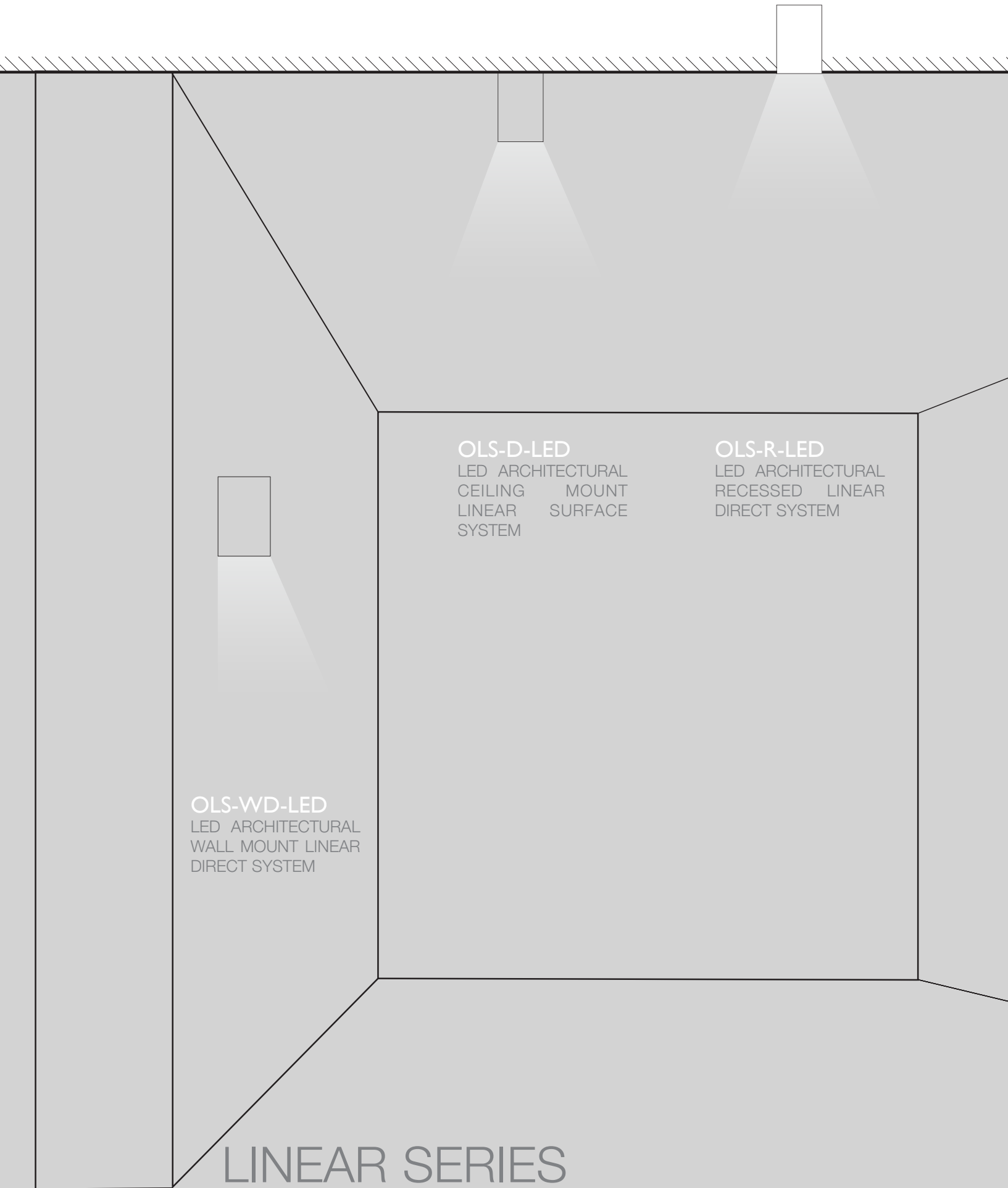


' Straight ' Recessed



SUSPENDED





**OLS-D-LED**  
LED ARCHITECTURAL  
CEILING MOUNT  
LINEAR SURFACE  
SYSTEM

**OLS-R-LED**  
LED ARCHITECTURAL  
RECESSED LINEAR  
DIRECT SYSTEM

**OLS-WD-LED**  
LED ARCHITECTURAL  
WALL MOUNT LINEAR  
DIRECT SYSTEM

# LINEAR SERIES



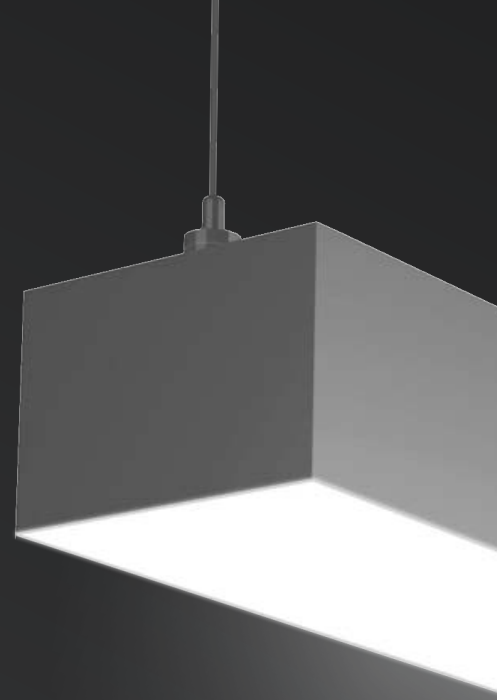
**OLS-D-LED**  
LED ARCHITECTURAL  
SUSPENDED LINEAR  
DIRECT SYSTEM

**OLS-DI-LED**  
LED ARCHITECTURAL  
SUSPENDED LINEAR  
DIRECT/INDIRECT  
SYSTEM

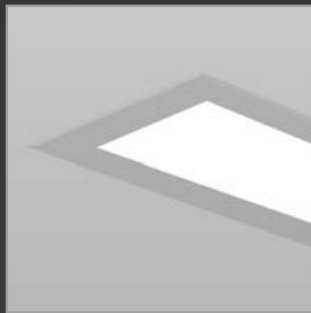
**OLS-WDI-LED**  
LED ARCHITECTURAL  
WALL MOUNT LINEAR  
DIRECT/INDIRECT  
SYSTEM



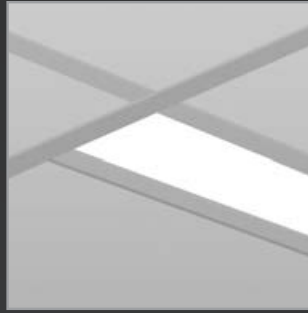
The OLS2 and OLS4 have the most advanced design in the industry, allowing for superior adaptability in any design concept.



Corner Detail



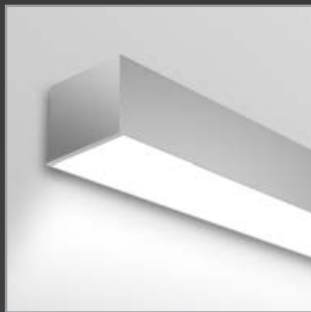
End Detail



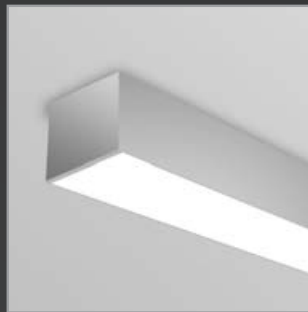
Grid



Suspended



Wall Mount



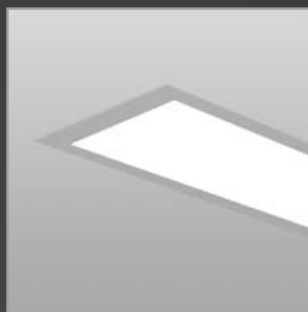
Surface Mount



Wall to Ceiling



Trimless



Trim Flange



# Visual Continuity



## **Light Output Section for Warm Dim**

Delivers 500, 750, or 1000 lumens per ft. All Smart White LED Warm Dim systems maintain a CRI of 90+ across the dimming range, and are binned to within 2 MacAdam ellipse.

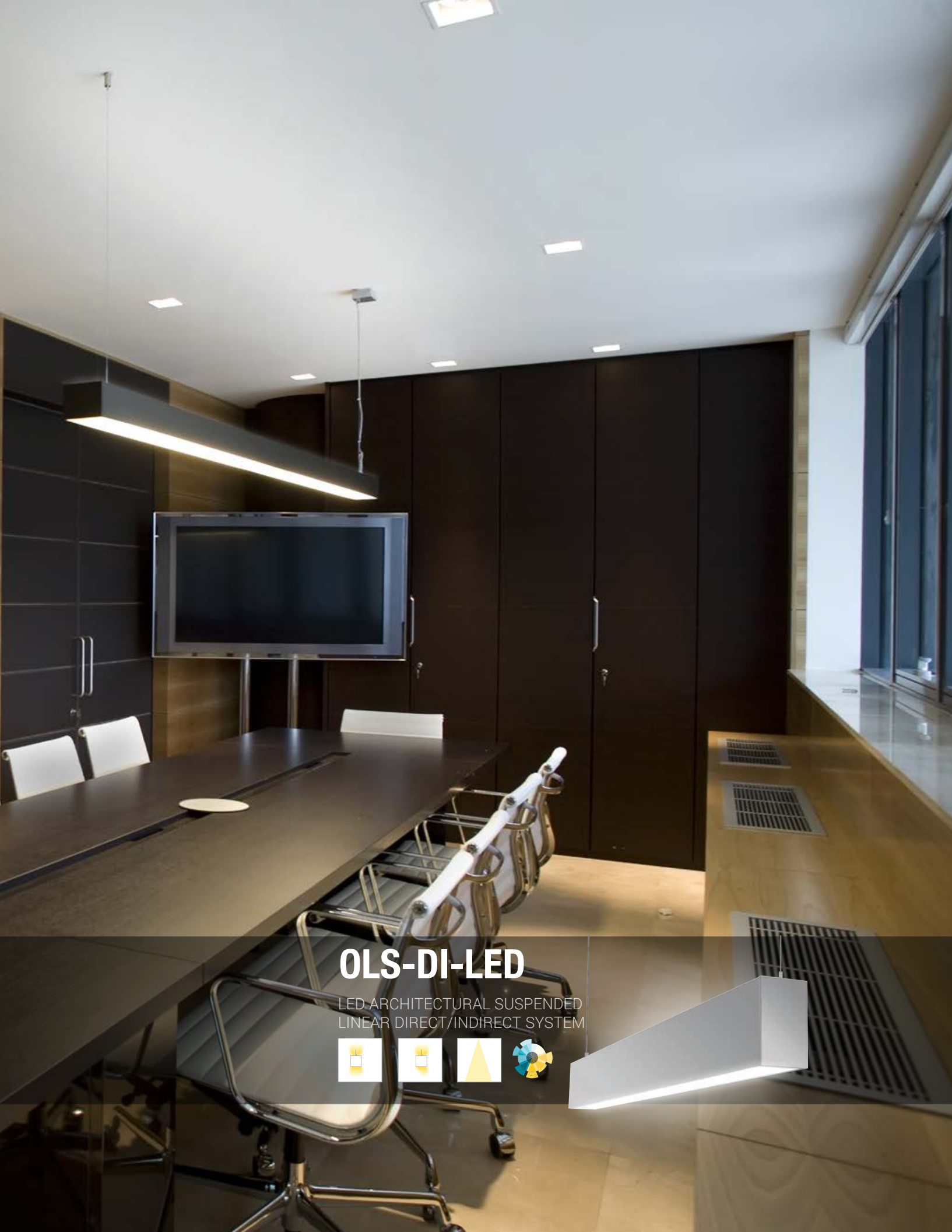
## **Superb Construction**

OLS2 and OLS4 luminaires are constructed from aluminum housings with die-cast end-caps, beautifully mitered corners, and optically molded lenses to eliminate light leaks.

## **Seamless Lighting**

Our uniquely molded lens and LED PCB board design creates a clean and finished appearance at the end of every luminaire. No view to the LEDs, no gaps, and no light leaks.





# OLS-DI-LED

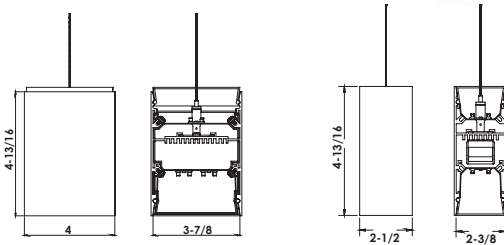
LED ARCHITECTURAL SUSPENDED  
LINEAR DIRECT/INDIRECT SYSTEM



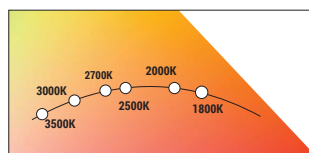
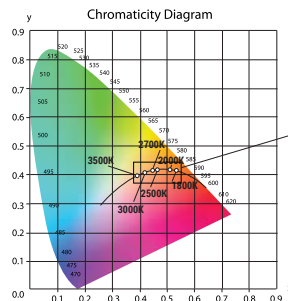


# OLS-DI-LED

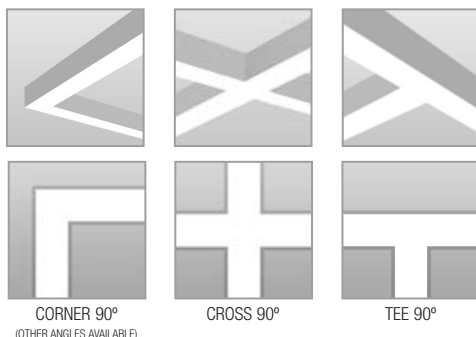
## LED ARCHITECTURAL SUSPENDED LINEAR DIRECT/INDIRECT SYSTEM



Elite Lighting's Architectural Lighting Luminaires with Black Body Technology mimic traditional Halogen dimming to help create a warm ambiance.



Black Body Dimming Color temperature warms from 3500K - 1800K while staying on the Black Body Locus when dimming



All Corners are fully illuminated, and are shipped pre-fabricated to provide seamless installation of creative designs.

**APPLICATION:** Ambient lighting for glare-free, smooth illumination ideal for institutional, commercial and retail application.

**PRODUCT FEATURES:**

- Direct/indirect of 500L, 750L or 1000L lumens per ft. uplight and 500L, 750L or 1000L lumens per ft. downlight
- Standard length 2', 4' and 8'
- Aperture width include 2" and 4"
- Rigid aluminum extrusion made out of T6063-T5 aluminum, die cast aluminum end caps
- Optical system offers high efficiency LED light that passes through a smooth acrylic lens for optimal distribution patterns, thus creating a glare-free and even distribution for your application
- Life tested to 50,000 hours of operation to L70
- Tested to LM-79 and LM-80 standards
- Full ability to tandem mount for continuous run application complete with easy quick connects
- Also available in recessed and wall mount

**PERFORMANCE** - Operating system delivers 500, 750, or 1000 lumens per ft. uplight and 500L, 750L or 1000L lumens per ft. downlight. All Warm Dim system maintain a CRI of 85+ across the dimming range of 3500K to 1800K and are binned to within 3 MacAdam ellipse. Elite's highly selective LED diodes produce zero ultraviolet and virtually no infrared light.

**OPTICS** - Fabricated of 20 gauge aluminum. Post painted finish with 95% reflective premium paint.

**DIFFUSER** - Smooth white frosted acrylic lens for glare free light and even distribution. Precision cut, snap in design. 4" lens 3.858" width 2" lens 2.361" width.

**FABRICATION** - Available in uplight and downlight option or uplight and wallwash configuration. Available in 2" and 4" aperture width. Rigid design made with extruded aluminum ensures longevity and endurance.

**FINISH** - Aluminum electrostatic painted in White, Silver or custom colors.

**MOUNTING** - Comes standard with adjustable cable suspension system providing fast installation into a variety of interior heights, including sloped ceilings.

**ENDCAPS** - Rigid aluminum extrusion made out of T6063-T5 aluminum, diecast end caps.

**STANDARD LENGTHS** - All luminaires are supplied in nominal lengths to ensure even illumination. Runs and configurations are available in app. 2', 4' and 8' increments.

**CRM INSTALLATION** - For continuous row mounting, the first fixture in the row will always be the power supplies feed. After plugging in the male and female harnesses, which are supplied with each fixture, they will easily slid together, then secured with two screws from opposite direction in the connecting brackets. This allows for fixtures to be continuously connected with only removing the lenses. There is no need to remove any other parts in the fixture to install the continuous run.

**ELECTRICAL** - Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120-277V input, produce less than 20% THD, and have a power factor of .90 to 1.00. Male and Female 18-gauge 6 wire plug connectors are included with every fixture to allow for simple hassle-free continuous wiring. Each fixture must be installed male to female.

**OPTIONS** - Fixtures may be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Lutron, Leviton, Wattstopper, EnOcean, Enlighted, Philips and others. **Consult factory for details.**

**WARM DIM (SMART DIM) ARCHITECTURAL LIGHTING**

**SMART DIM** - Warm Dim with Smart Dim technology mimics traditional incandescent halogen lighting through dimming. Using Warm Dim, luminaires dim smoothly from 3500K to 1800K. Warm Dim shifts smoothly over the black body radiator curve as the light dims you move into the rich amber tones that encourages relaxation. It is ideal for hospitality, architectural as well as residential applications, all while maintaining high lumen output for the most stringent energy codes today's legislation requires. Warm Dim comes paired with high CRI of 85+ and superior lumen output.

**WARM DIM WITH SMART DIM TECHNOLOGY CAN BE SUPPLIED WITH A VARIETY OF DIMMING AND CONTROL PROTOCOLS 0-10V, DMX, DALI, OR LUTRON ECOSYSTEM AND CAN BE DIMMED DOWN TO 1% OF INITIAL LIGHT OUTPUT:**

**DIMTR** (Triac & Electronic Low Voltage Dimming in 120V only) Triac & Electronic Low Voltage dimming driver available when ordered with the following options (DIMTR-120) and only available in 120V.

**DIM10** (0-10V 1% Dimming Standard) 0-10V driver which can be dimmed down to 1% of initial light output with a 0-10V dimmer when ordered with the following options (DIM10-120, DIM10-277).

**LUTECO** - Provided with Lutron EcoSystem driver. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems and Lutron Vive. When ordered with the following options (LUTECO).

**LUT2W**- (Lutron® Hi-Lume A-Series 2-Wire Forward Phase Control 1% Dimming in 120V). When ordered with the following options (LUT2W).

**DMX** - Compatible with Digital Multiplex Controller, Available with two options: **DMX-512**: Standard DMX Controller and **DMX-RDM**: DMX Controller with Remote Device Management.

**DALI** - Compatible with Digital Addressable Lighting Interface, available with two options: TD6 and TD8.

**EMERGENCY** - Emergency battery back-up comes pre-installed on the fixture and emergency push button is installed on the fixture for easy access and aesthetics.

**QUALITY CONTROL** - Every fixture is rigorously tested by our QC Department before shipping.

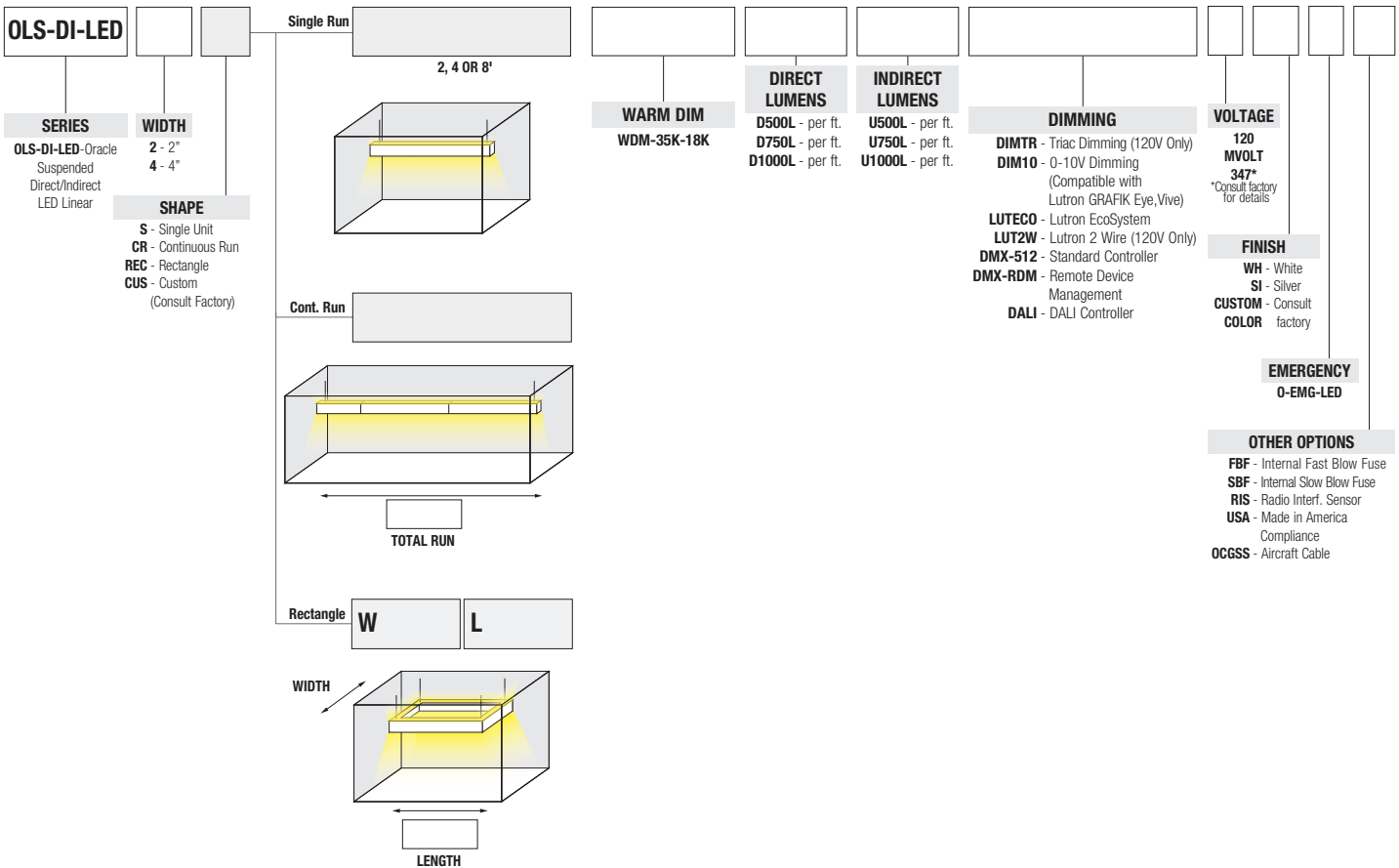
**LISTING** - c-UL-us / c-ETL-us - listed for Damp location

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

**OUR WORD** - Our LED system is Life tested to ensure light output of L70 up to 110,000 hrs and L85 up to 65,000 hrs and carries a five-year carefree warranty for parts and components. (Labor not included)

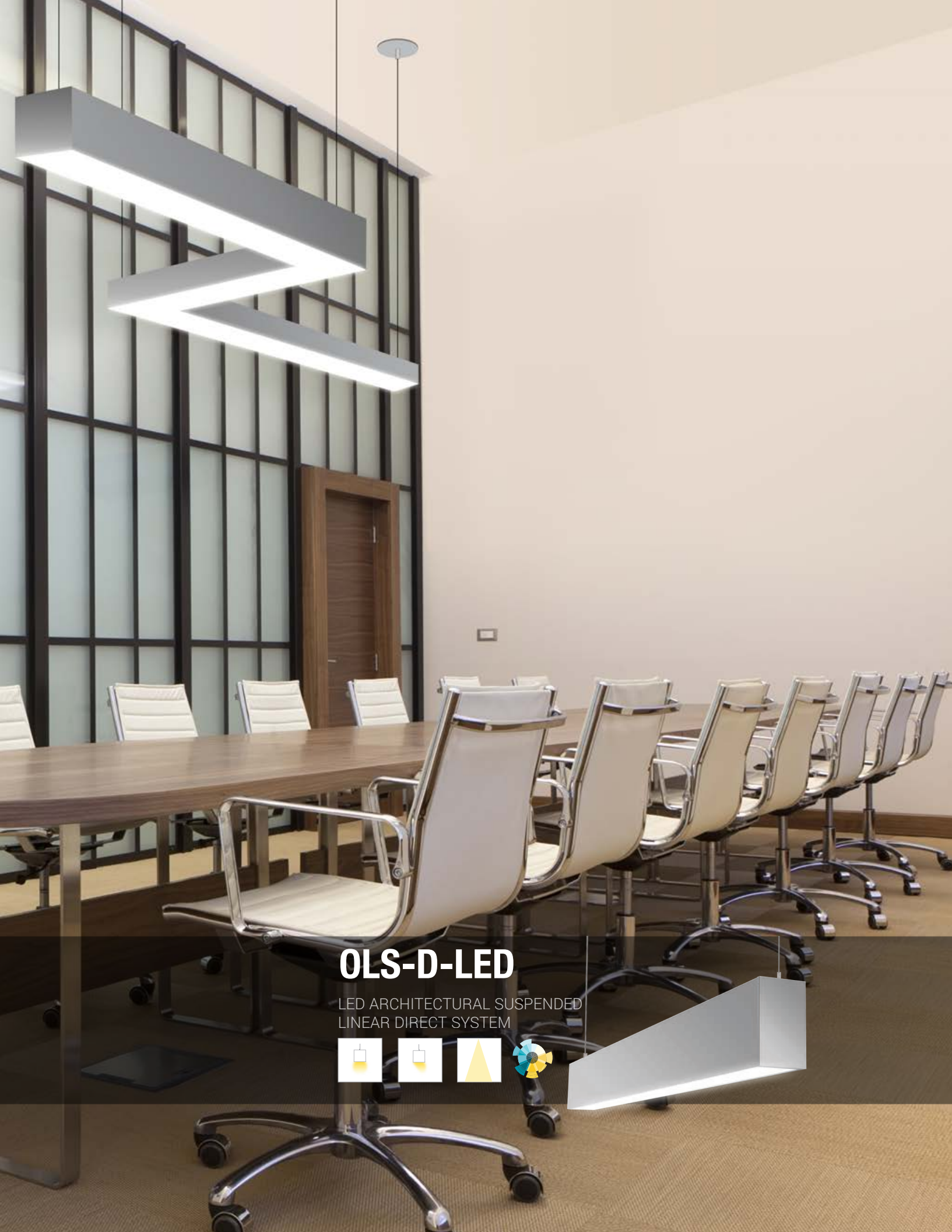
**AVAILABLE IN SURFACE LINEAR DIRECT SYSTEM, RECESSED LINEAR DIRECT SYSTEM, WALL MOUNT LINEAR DIRECT/INDIRECT SYSTEM**

Ordering Information: OLS-DI-LED-2-REC-W8-L6-WDM-35K-18K-D500L-U500L-DIM10-MVOLT









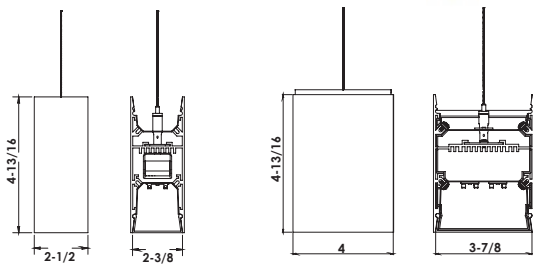
# OLS-D-LED

LED ARCHITECTURAL SUSPENDED  
LINEAR DIRECT SYSTEM

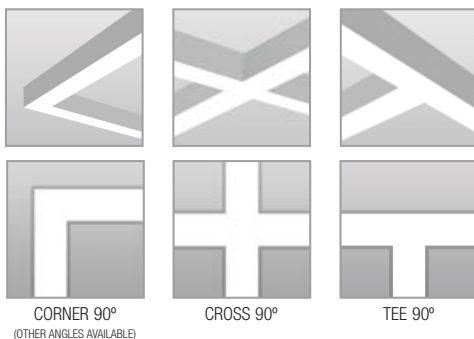
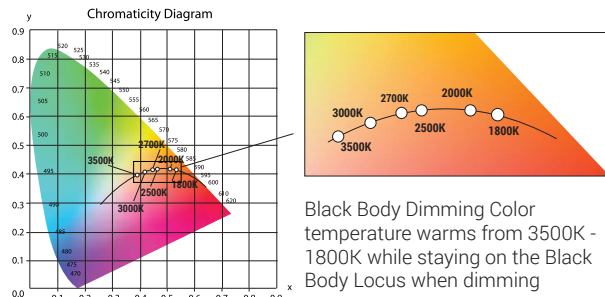


# OLS-D-LED

## LED ARCHITECTURAL SUSPENDED LINEAR DIRECT SYSTEM



Elite Lighting's Architectural Lighting Luminaires with Black Body Technology mimic traditional Halogen dimming to help create a warm ambiance.



All Corners are fully illuminated, and are shipped pre-fabricated to provide seamless installation of creative designs.

**APPLICATION:** Ambient lighting for glare-free, smooth illumination ideal for institutional, commercial and retail application.

**PRODUCT FEATURES:**

- Direct/indirect of 500L, 750L or 1000L lumens per ft. downlight
- Standard length 2', 4' and 8'
- Aperture width include 2" and 4"
- Rigid aluminum extrusion made out of T6063-T5 aluminum, die cast aluminum end caps
- Optical system offers high efficiency LED light that passes through a smooth acrylic lens for optimal distribution patterns, thus creating a glare-free and even distribution for your application
- Life tested to 50,000 hours of operation to L70
- Tested to LM-79 and LM-80 standards
- Full ability to tandem mount for continuous run application complete with easy quick connects
- Also available in recessed and wall mount

**PERFORMANCE** - Operating system delivers 500L, 750L or 1000L lumens per ft. downlight. All Warm Dim system maintain a CRI of 85+ across the dimming range of 3500K to 1800K and are binned to within 3 MacAdam ellipse. Elite's highly selective LED diodes produce zero ultraviolet and virtually no infrared light.

**OPTICS** - Fabricated of 20 gauge aluminum. Post painted finish with 95% reflective premium paint.

**DIFFUSER** - Smooth white frosted acrylic lens for glare free light and even distribution. Precision cut, snap in design. 4" lens 3.858" width 2" lens 2.361" width.

**FABRICATION** - Available in 2" and 4" aperture width. Rigid design made with extruded aluminum ensures longevity and endurance.

**FINISH** - Aluminum electrostatic painted in White, Silver or custom colors.

**MOUNTING** - Comes standard with adjustable cable suspension system providing fast installation into a variety of interior heights, including sloped ceilings.

**ENDCAPS** - Rigid aluminum extrusion made out of T6063-T5 aluminum, diecast end caps.

**STANDARD LENGTHS** - All luminaires are supplied in nominal lengths to ensure even illumination. Runs and configurations are available in app. 2', 4' and 8' increments.

**CRM INSTALLATION** - For continuous row mounting, the first fixture in the row will always be the power supplies feed. After plugging in the male and female harnesses, which are supplied with each fixture, they will easily slid together, then secured with two screws from opposite direction in the connecting brackets. This allows for fixtures to be continuously connected with only removing the lenses. There is no need to remove any other parts in the fixture to install the continuous run.

**ELECTRICAL** - Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120-277V input, produce less than 20% THD, and have a power factor of .90 to 1.00. Male and Female 18-gauge 6 wire plug connectors are included with every fixture to allow for simple hassle-free continuous wiring. Each fixture must be installed male to female.

**OPTIONS** - Fixtures may be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Lutron, Leviton, Wattstopper, EnOcean, Enlighted, Philips and others. **Consult factory for details.**

**WARM DIM (SMART DIM) ARCHITECTURAL LIGHTING**

**SMART DIM** - Warm Dim with Smart Dim technology mimics traditional incandescent halogen lighting through dimming. Using Warm Dim, luminaires dim smoothly from 3500K to 1800K. Warm Dim shifts smoothly over the black body radiator curve as the light dims you move into the rich amber tones that encourages relaxation. It is ideal for hospitality, architectural as well as residential applications, all while maintaining high lumen output for the most stringent energy codes today's legislation requires. Warm Dim comes paired with high CRI of 85+ and superior lumen output.

**WARM DIM WITH SMART DIM TECHNOLOGY CAN BE SUPPLIED WITH A VARIETY OF DIMMING AND CONTROL PROTOCOLS 0-10V, DMX, DALI, OR LUTRON ECOSYSTEM AND CAN BE DIMMED DOWN TO 1% OF INITIAL LIGHT OUTPUT:**

**DIMTR** (Triac & Electronic Low Voltage Dimming in 120V only) Triac & Electronic Low Voltage dimming driver available when ordered with the following options (DIMTR-120) and only available in 120V.

**DIM10** (0-10V 1% Dimming Standard) 0-10V driver which can be dimmed down to 1% of initial light output with a 0-10V dimmer when ordered with the following options (DIM10-120, DIM10-277).

**LUTEKO** - Provided with Lutron EcoSystem driver. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems and Lutron Vive. When ordered with the following options (LUTEKO).

**LUT2W**- (Lutron® Hi-Lume A-Series 2-Wire Forward Phase Control 1% Dimming in 120V). When ordered with the following options (LUT2W).

**DMX** - Compatible with Digital Multiplex Controller, Available with two options: **DMX-512**: Standard DMX Controller and **DMX-RDM**: DMX Controller with Remote Device Management.

**DALI** - Compatible with Digital Addressable Lighting Interface, available with two options: TD6 and TD8.

**EMERGENCY** - Emergency battery back-up comes pre-installed on the fixture and emergency push button is installed on the fixture for easy access and aesthetics.

**QUALITY CONTROL** - Every fixture is rigorously tested by our QC Department before shipping.

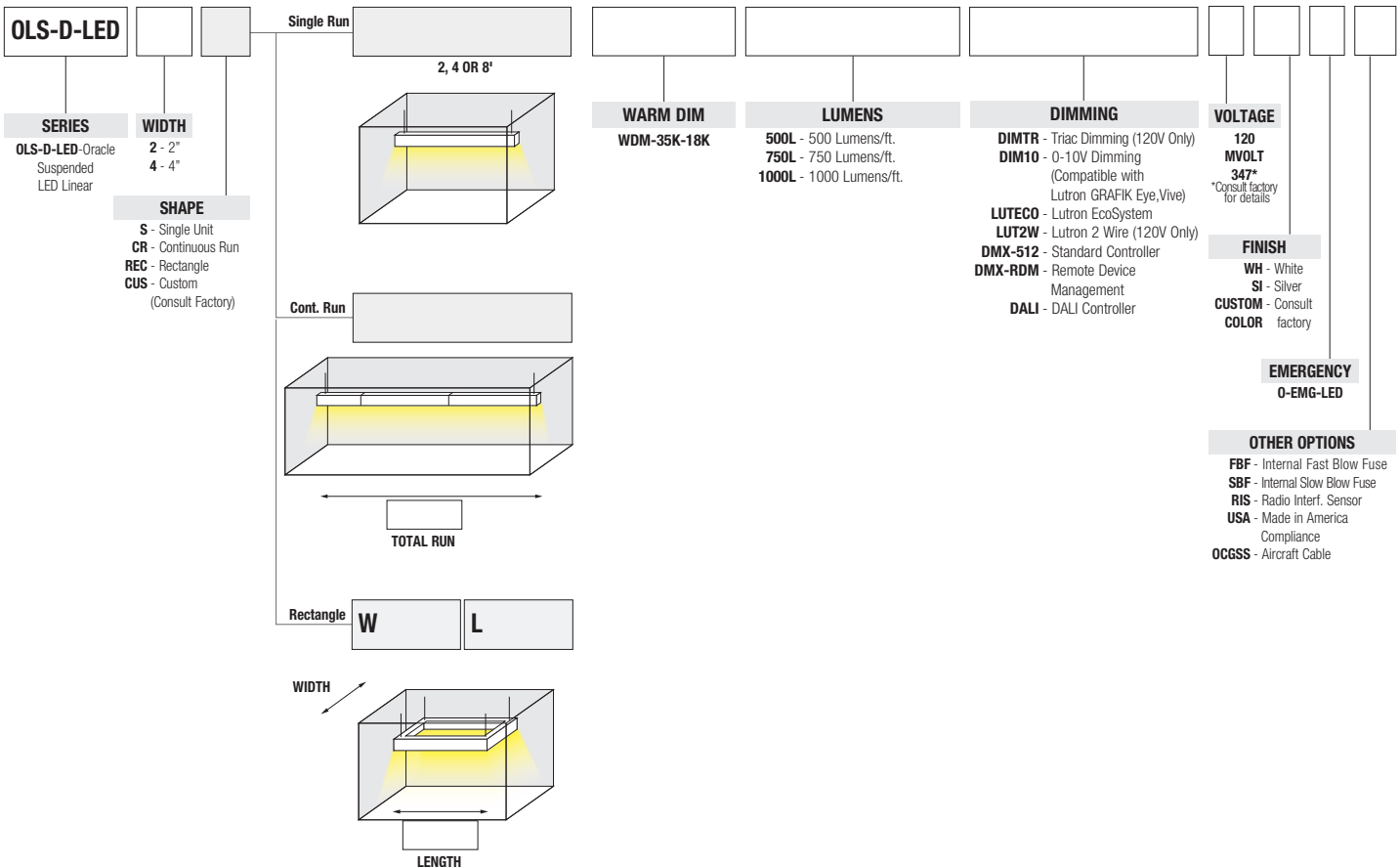
**LISTING** - c-UL-us / c-ETL-us - listed for Damp location

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

**OUR WORD** - Our LED system is Life tested to ensure light output of L70 up to 110,000 hrs and L85 up to 65,000 hrs and carries a five-year carefree warranty for parts and components. (Labor not included)

**AVAILABLE IN SURFACE LINEAR DIRECT SYSTEM, RECESSED LINEAR DIRECT SYSTEM, WALL MOUNT LINEAR DIRECT/INDIRECT SYSTEM**

Ordering Information: OLS-D-LED-2-REC-W8-L6-WDM-35K-18K-500L-DIM10-MVOLT









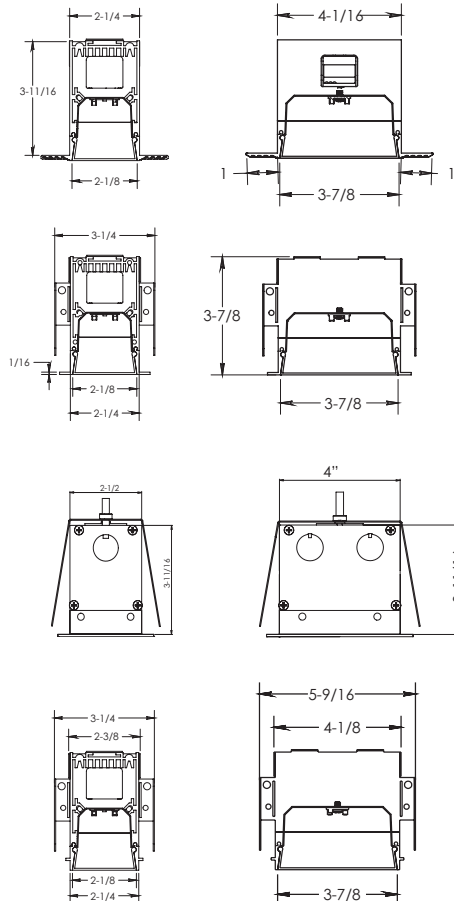
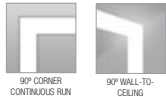
# OLS-R-LED

LED ARCHITECTURAL RECESSED  
LINEAR DIRECT SYSTEM



# OLS-R-LED

## LED ARCHITECTURAL RECESSED LINEAR DIRECT SYSTEM



**APPLICATION:** Ambient lighting for glare-free, smooth illumination ideal for institutional, commercial and retail application.

**PRODUCT FEATURES:**

- Direct/indirect of 500L, 750L or 1000L lumens per ft. downlight
- Standard length 2', 4' and 8'
- Aperture width include 2" and 4"
- Rigid aluminum extrusion made out of T6063-T5 aluminum, die cast aluminum end caps
- Optical system offers high efficiency LED light that passes through a smooth acrylic lens for optimal distribution patterns, thus creating a glare-free and even distribution for your application
- Life tested to 50,000 hours of operation to L70
- Tested to LM-79 and LM-80 standards
- Full ability to tandem mount for continuous run application complete with easy quick connects
- Also available in recessed and wall mount

**PERFORMANCE** - Operating system delivers 500L, 750L or 1000L lumens per ft. downlight. All Warm Dim system maintain a CRI of 85+ across the dimming range of 3500K to 1800K and are binned to within 3 MacAdam ellipse. Elite's highly selective LED diodes produce zero ultraviolet and virtually no infrared light.

**OPTICS** - Fabricated of 20 gauge aluminum. Post painted finish with 95% reflective premium paint.

**DIFFUSER** - Smooth white frosted acrylic lens for glare free light and even distribution. Precision cut, snap in design. 4" lens 3.858" width 2" lens 2.361" width.

**FABRICATION** - Available in 100% downlight configuration. Available in 2" and 4" aperture width. Rigid design made with extruded aluminum ensures longevity and endurance.

**FINISH** - Aluminum electrostatic painted in White, Silver or custom colors.

**MOUNTING** - The OLS-R-LED is available in multiple recessed options. Flanged kit for recessed dry wall application and bracket accessories for T-bar application.

**ENDCAPS** - Rigid aluminum extrusion made out of T6063-T5 aluminum, diecast end caps.

**STANDARD LENGTHS** - All luminaires are supplied in nominal lengths to ensure even illumination. Runs and configurations are available in app. 2', 4' and 8' increments.

**CRM INSTALLATION** - For continuous row mounting, the first fixture in the row will always be the power supplies feed. After plugging in the male and female harnesses, which are supplied with each fixture, they will easily slid together, then secured with two screws from opposite direction in the connecting brackets. This allows for fixtures to be continuously connected with only removing the lenses. There is no need to remove any other parts in the fixture to install the continuous run.

**ELECTRICAL** - Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120-277V input, produce less than 20% THD, and have a power factor of .90 to 1.00. Male and Female 18-gauge 6 wire plug connectors are included with every fixture to allow for simple hassle-free continuous wiring. Each fixture must be installed male to female.

**OPTIONS** - Fixtures may be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Lutron, Leviton, Wattstopper, EnOcean, Enlighted, Philips and others. **Consult factory for details.**



**WARM DIM (SMART DIM) ARCHITECTURAL LIGHTING**

**SMART DIM** - Warm Dim with Smart Dim technology mimics traditional incandescent halogen lighting through dimming. Using Warm Dim, luminaires dim smoothly from 3500K to 1800K. Warm Dim shifts smoothly over the black body radiator curve as the light dims you move into the rich amber tones that encourages relaxation. It is ideal for hospitality, architectural as well as residential applications, all while maintaining high lumen output for the most stringent energy codes today's legislation requires. Warm Dim comes paired with high CRI of 85+ and superior lumen output.

**WARM DIM WITH SMART DIM TECHNOLOGY CAN BE SUPPLIED WITH A VARIETY OF DIMMING AND CONTROL PROTOCOLS 0-10V, DMX, DALI, OR LUTRON ECOSYSTEM AND CAN BE DIMMED DOWN TO 1% OF INITIAL LIGHT OUTPUT:**

**DIMTR** (Triac & Electronic Low Voltage Dimming in 120V only) Triac & Electronic Low Voltage dimming driver available when ordered with the following options (DIMTR-120) and only available in 120V.

**DIM10** (0-10V 1% Dimming Standard) 0-10V driver which can be dimmed down to 1% of initial light output with a 0-10V dimmer when ordered with the following options (DIM10-120, DIM10-277).

**LUTECO** - Provided with Lutron EcoSystem driver. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems and Lutron Vive. When ordered with the following options (LUTECO).

**LUT2W**- (Lutron® Hi-Lume A-Series 2-Wire Forward Phase Control 1% Dimming in 120V). When ordered with the following options (LUT2W).

**DMX** - Compatible with Digital Multiplex Controller, Available with two options: **DMX-512**: Standard DMX Controller and **DMX-RDM**: DMX Controller with Remote Device Management.

**DALI** - Compatible with Digital Addressable Lighting Interface, available with two options: TD6 and TD8.

**EMERGENCY** - Emergency battery back-up comes pre-installed on the fixture and emergency push button is installed on the fixture for easy access and aesthetics.

**QUALITY CONTROL** - Every fixture is rigorously tested by our QC Department before shipping.

**LISTING**

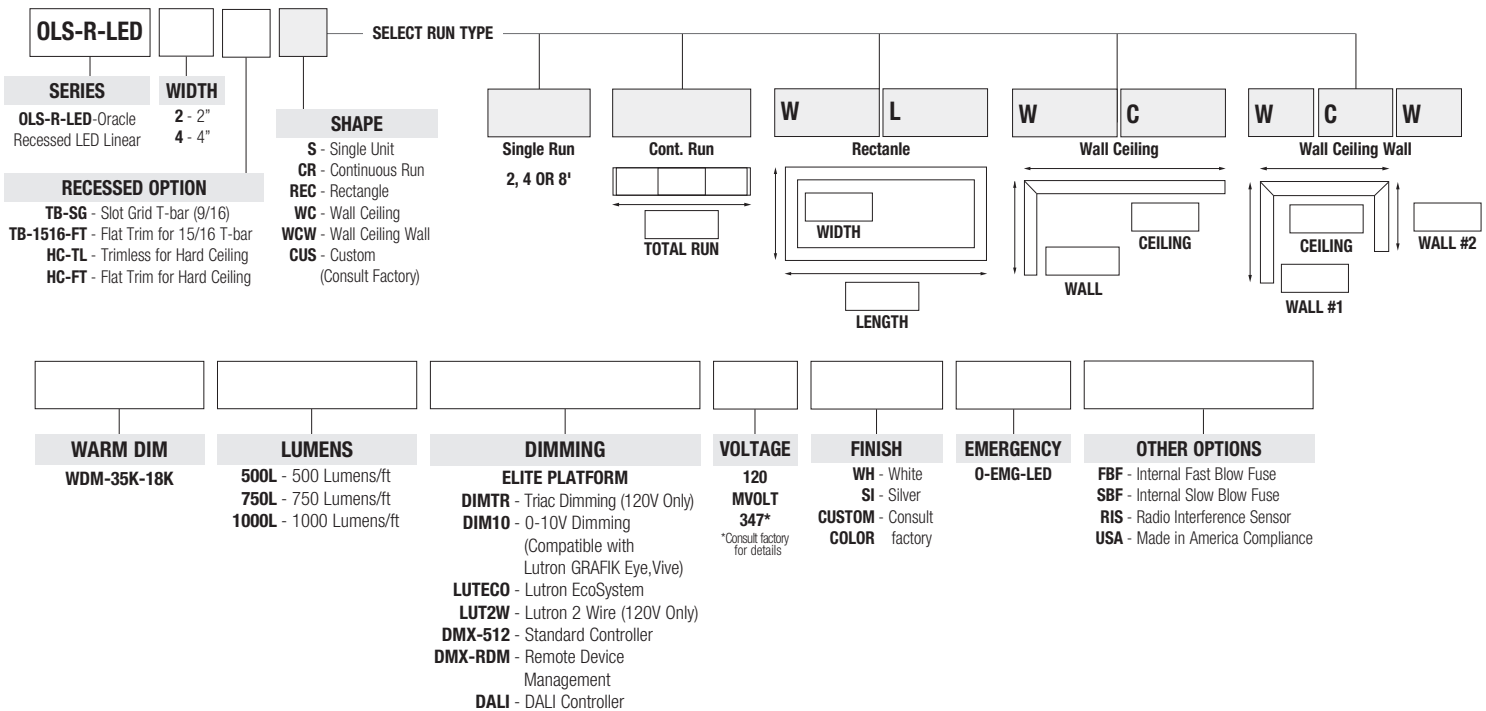
c-UL-us / c-ETL-us - listed for Damp location

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

**OUR WORD** - Our LED system is Life tested to ensure light output of L70 up to 110,000 hrs and L85 up to 65,000 hrs and carries a five-year carefree warranty for parts and components. (Labor not included)

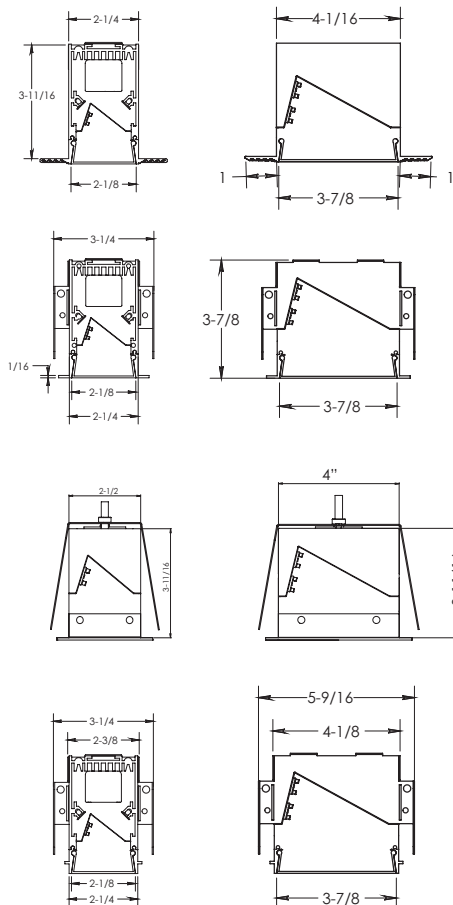
**AVAILABLE IN SURFACE LINEAR DIRECT SYSTEM, RECESSED LINEAR DIRECT SYSTEM, WALL MOUNT LINEAR DIRECT/INDIRECT SYSTEM**

Ordering Information: OLS-R-LED-2-TB-SG-REC-W8-L6-WDM-35K-18K-500L-DIM10-MVOLT



# OLS-R-LED-WW

## LED ARCHITECTURAL RECESSED LINEAR WALL WASH SYSTEM



**APPLICATION:** Ambient lighting for glare-free, smooth illumination ideal for institutional, commercial and retail application.

**PRODUCT FEATURES:**

- Direct/indirect of 500L, 750L or 1000L lumens per ft. downlight
- Standard length 2', 4' and 8'
- Aperture width include 2" and 4"
- Rigid aluminum extrusion made out of T6063-T5 aluminum, die cast aluminum end caps
- Optical system offers high efficiency LED light that passes through a smooth acrylic lens for optimal distribution patterns, thus creating a glare-free and even distribution for your application
- Life tested to 50,000 hours of operation to L70
- Tested to LM-79 and LM-80 standards
- Full ability to tandem mount for continuous run application complete with easy quick connects
- Also available in recessed and wall mount

**PERFORMANCE** - Operating system delivers 500L, 750L or 1000L lumens per ft. downlight. All Warm Dim system maintain a CRI of 85+ across the dimming range of 3500K to 1800K and are binned to within 3 MacAdam ellipse. Elite's highly selective LED diodes produce zero ultraviolet and virtually no infrared light.

**OPTICS** - Fabricated of 20 gauge aluminum. Post painted finish with 95% reflective premium paint.

**DIFFUSER** - Smooth white frosted acrylic lens for glare free light and even distribution. Precision cut, snap in design. 4" lens 3.858" width 2" lens 2.361" width.

**FABRICATION** - Available in wall wash configuration. Available in 2" and 4" aperture width. Rigid design made with extruded aluminum ensures longevity and endurance.

**FINISH** - Aluminum electrostatic painted in White, Silver or custom colors.

**MOUNTING** - The OLS-R-LED is available in multiple recessed options. Flanged kit for recessed dry wall application and bracket accessories for T-bar application.

**ENDCAPS** - Rigid aluminum extrusion made out of T6063-T5 aluminum, diecast end caps.

**STANDARD LENGTHS** - All luminaires are supplied in nominal lengths to ensure even illumination. Runs and configurations are available in app. 2', 4' and 8' increments.

**CRM INSTALLATION** - For continuous row mounting, the first fixture in the row will always be the power supplies feed. After plugging in the male and female harnesses, which are supplied with each fixture, they will easily slid together, then secured with two screws from opposite direction in the connecting brackets. This allows for fixtures to be continuously connected with only removing the lenses. There is no need to remove any other parts in the fixture to install the continuous run.

**ELECTRICAL** - Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120-277V input, produce less than 20% THD, and have a power factor of .90 to 1.00. Male and Female 18-gauge 6 wire plug connectors are included with every fixture to allow for simple hassle-free continuous wiring. Each fixture must be installed male to female.

**OPTIONS** - Fixtures may be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Lutron, Leviton, Wattstopper, EnOcean, Enlighted, Philips and others. **Consult factory for details.**

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**DALI** - Compatible with Digital Addressable Lighting Interface, available with two options: TD6 and TD8.

**EMERGENCY** - Emergency battery back-up comes pre-installed on the fixture and emergency push button is installed on the fixture for easy access and aesthetics.

**QUALITY CONTROL** - Every fixture is rigorously tested by our QC Department before shipping.

**LISTING**

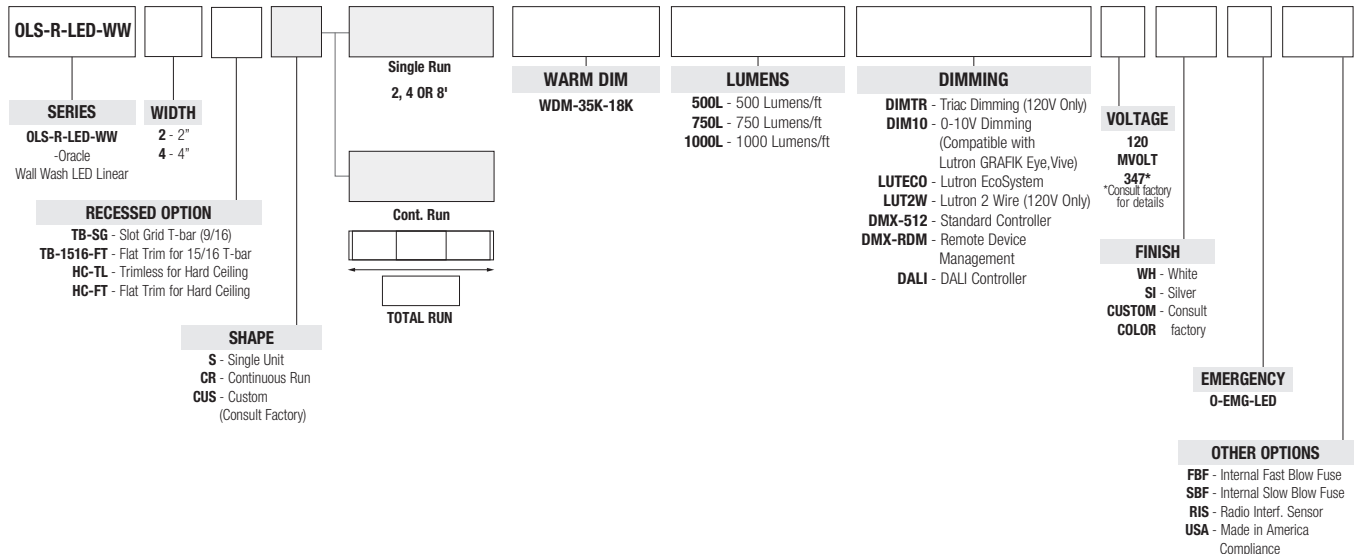
c-UL-us / c-ETL-us - listed for Damp location

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

**OUR WORD** - Our LED system is Life tested to ensure light output of L70 up to 110,000 hrs and L85 up to 65,000 hrs and carries a five-year carefree warranty for parts and components. (Labor not included)

**AVAILABLE IN SURFACE LINEAR DIRECT SYSTEM, RECESSED LINEAR DIRECT SYSTEM, WALL MOUNT LINEAR DIRECT/INDIRECT SYSTEM**

Ordering Information: OLS-R-LED-WW-2-TB-SG-CR12-WDM-35K-18K-500L-DIM10-MVOLT









# OLS-CM-LED

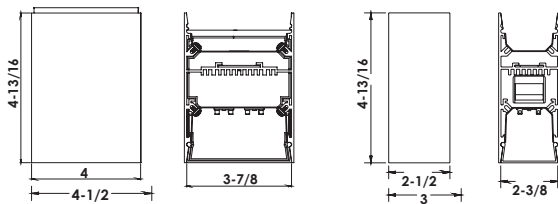
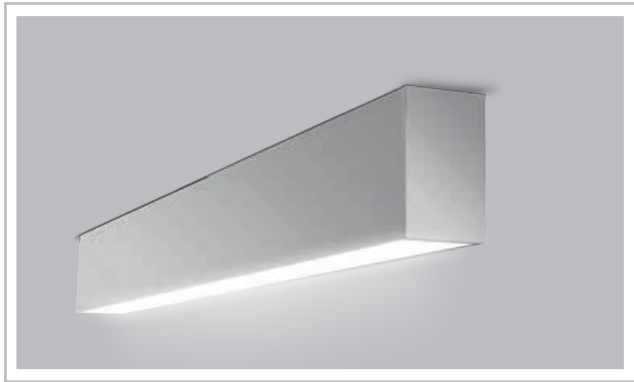
LED ARCHITECTURAL SURFACE  
LINEAR DIRECT SYSTEM



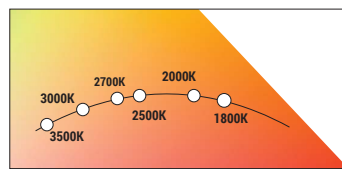
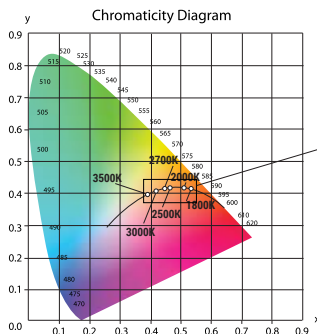


# OLS-CM-LED

LED ARCHITECTURAL SURFACE LINEAR DIRECT SYSTEM



Elite Lighting's Architectural Lighting Luminaires with Black Body Technology mimic traditional Halogen dimming to help create a warm ambiance.



Black Body Dimming Color temperature warms from 3500K - 1800K while staying on the Black Body Locus when dimming



CORNER 90°  
(OTHER ANGLES AVAILABLE)

CROSS 90°

TEE 90°

All Corners are fully illuminated, and are shipped pre-fabricated to provide seamless installation of creative designs.

**APPLICATION:** Ambient lighting for glare-free, smooth illumination ideal for institutional, commercial and retail application.

**PRODUCT FEATURES:**

- Direct/indirect of 500L, 750L or 1000L lumens per ft. downlight
- Standard length 2', 4' and 8'
- Aperture width include 2" and 4"
- Rigid aluminum extrusion made out of T6063-T5 aluminum, die cast aluminum end caps
- Optical system offers high efficiency LED light that passes through a smooth acrylic lens for optimal distribution patterns, thus creating a glare-free and even distribution for your application
- Life tested to 50,000 hours of operation to L70
- Tested to LM-79 and LM-80 standards
- Full ability to tandem mount for continuous run application complete with easy quick connects
- Also available in recessed and wall mount

**PERFORMANCE** - Operating system delivers 500L, 750L or 1000L lumens per ft. downlight. All Warm Dim system maintain a CRI of 85+ across the dimming range of 3500K to 1800K and are binned to within 3 MacAdam ellipse. Elite's highly selective LED diodes produce zero ultraviolet and virtually no infrared light.

**OPTICS** - Fabricated of 20 gauge aluminum. Post painted finish with 95% reflective premium paint.

**DIFFUSER** - Smooth white frosted acrylic lens for glare free light and even distribution. Precision cut, snap in design. 4" lens 3.858" width 2" lens 2.361" width.

**FABRICATION** - Available in 100% downlight configuration. Available in 2" and 4" aperture width. Rigid design made with extruded aluminum ensures longevity and endurance.

**FINISH** - Aluminum electrostatic painted in White, Silver or custom colors.

**MOUNTING** - Fixtures easily mounts directly over most surfaces.

**ENDCAPS** - Rigid aluminum extrusion made out of T6063-T5 aluminum, diecast end caps.

**STANDARD LENGTHS** - All luminaires are supplied in nominal lengths to ensure even illumination. Runs and configurations are available in app. 2', 4' and 8' increments.

**CRM INSTALLATION** - For continuous row mounting, the first fixture in the row will always be the power supplies feed. After plugging in the male and female harnesses, which are supplied with each fixture, they will easily slid together, then secured with two screws from opposite direction in the connecting brackets. This allows for fixtures to be continuously connected with only removing the lenses. There is no need to remove any other parts in the fixture to install the continuous run.

**ELECTRICAL** - Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120-277V input, produce less than 20% THD, and have a power factor of .90 to 1.00. Male and Female 18-gauge 6 wire plug connectors are included with every fixture to allow for simple hassle-free continuous wiring. Each fixture must be installed male to female.

**OPTIONS** - Fixtures may be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Lutron, Leviton, Wattstopper, EnOcean, Enlighted, Philips and others. **Consult factory for details.**



**WARM DIM (SMART DIM) ARCHITECTURAL LIGHTING**

**SMART DIM** - Warm Dim with Smart Dim technology mimics traditional incandescent halogen lighting through dimming. Using Warm Dim, luminaires dim smoothly from 3500K to 1800K. Warm Dim shifts smoothly over the black body radiator curve as the light dims you move into the rich amber tones that encourages relaxation. It is ideal for hospitality, architectural as well as residential applications, all while maintaining high lumen output for the most stringent energy codes today's legislation requires. Warm Dim comes paired with high CRI of 85+ and superior lumen output.

**WARM DIM WITH SMART DIM TECHNOLOGY CAN BE SUPPLIED WITH A VARIETY OF DIMMING AND CONTROL PROTOCOLS 0-10V, DMX, DALI, OR LUTRON ECOSYSTEM AND CAN BE DIMMED DOWN TO 1% OF INITIAL LIGHT OUTPUT:**

**DIMTR** (Triac & Electronic Low Voltage Dimming in 120V only) Triac & Electronic Low Voltage dimming driver available when ordered with the following options (DIMTR-120) and only available in 120V.

**DIM10** (0-10V 1% Dimming Standard) 0-10V driver which can be dimmed down to 1% of initial light output with a 0-10V dimmer when ordered with the following options (DIM10-120, DIM10-277).

**LUTEKO** - Provided with Lutron EcoSystem driver. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems and Lutron Vive. When ordered with the following options (LUTEKO).

**LUT2W**- (Lutron® Hi-Lume A-Series 2-Wire Forward Phase Control 1% Dimming in 120V). When ordered with the following options (LUT2W).

**DMX** - Compatible with Digital Multiplex Controller, Available with two options: **DMX-512**: Standard DMX Controller and **DMX-RDM**: DMX Controller with Remote Device Management.

**DALI** - Compatible with Digital Addressable Lighting Interface, available with two options: TD6 and TD8.

**EMERGENCY** - Emergency battery back-up comes pre-installed on the fixture and emergency push button is installed on the fixture for easy access and aesthetics.

**QUALITY CONTROL** - Every fixture is rigorously tested by our QC Department before shipping.

**LISTING**

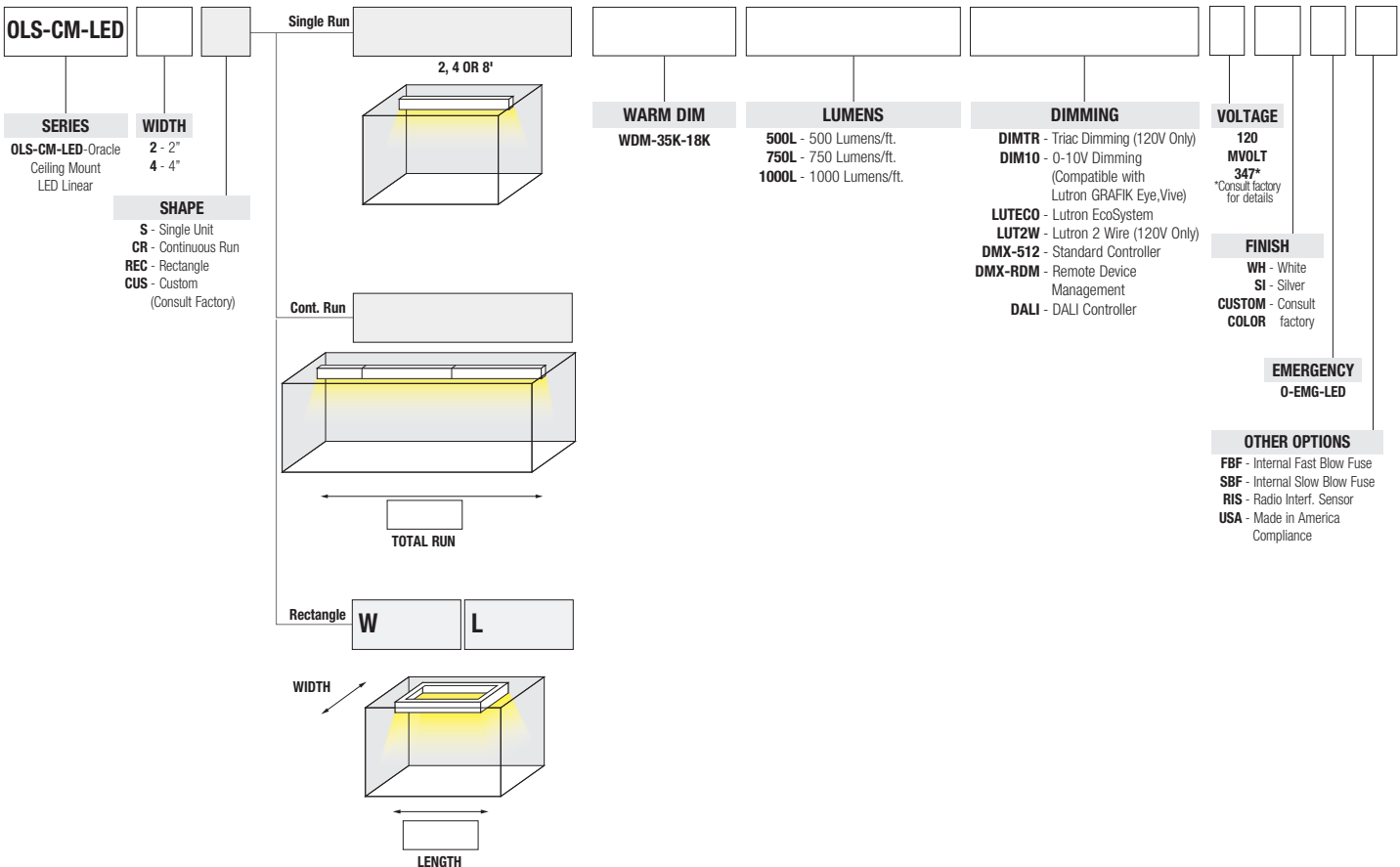
c-UL-us / c-ETL-us - listed for Damp location

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

**OUR WORD** - Our LED system is Life tested to ensure light output of L70 up to 110,000 hrs and L85 up to 65,000 hrs and carries a five-year carefree warranty for parts and components. (Labor not included)

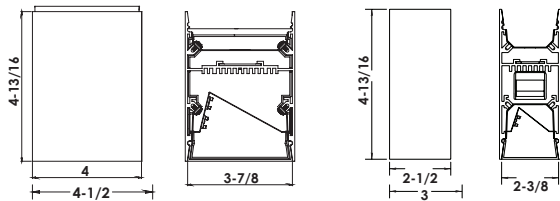
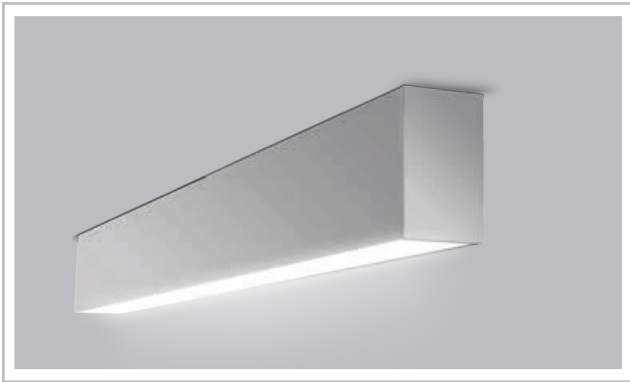
**AVAILABLE IN SURFACE LINEAR DIRECT SYSTEM, RECESSED LINEAR DIRECT SYSTEM, WALL MOUNT LINEAR DIRECT/INDIRECT SYSTEM**

Ordering Information: OLS-CM-LED-2-REC-W8-L6-WDM-35K-18K-500L-18K-500L-DIM10-MVOLT

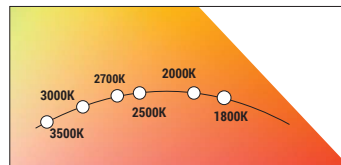
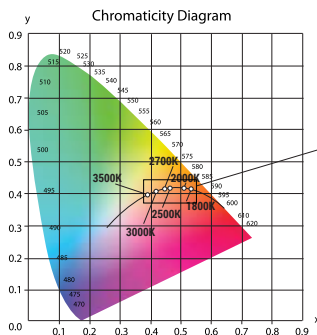


## OLS-CM-LED-WW

## LED ARCHITECTURAL SURFACE LINEAR WALL WASH SYSTEM



## Elite Lighting's Architectural Lighting Luminaires with Black Body Technology mimic traditional Halogen dimming to help create a warm ambience.



**APPLICATION:** Ambient lighting for glare-free, smooth illumination ideal for institutional, commercial and retail application.

**PRODUCT FEATURES:**

- Direct/indirect of 500L, 750L or 1000L lumens per ft. downlight
- Standard length 2', 4' and 8'
- Aperture width include 2" and 4"
- Rigid aluminum extrusion made out of T6063-T5 aluminum, die cast aluminum end caps
- Optical system offers high efficiency LED light that passes through a smooth acrylic lens for optimal distribution patterns, thus creating a glare-free and even distribution for your application
- Life tested to 50,000 hours of operation to L70
- Tested to LM-79 and LM-80 standards
- Full ability to tandem mount for continuous run application complete with easy quick connects
- Also available in recessed and wall mount

**PERFORMANCE** - Operating system delivers 500L, 750L or 1000L lumens per ft. downlight. All Warm Dim system maintain a CRI of 85+ across the dimming range of 3500K to 1800K and are binned to within 3 MacAdam ellipse. Elite's highly selective LED diodes produce zero ultraviolet and virtually no infrared light.

**OPTICS** - Fabricated of 20 gauge aluminum. Post painted finish with 95% reflective premium paint.

**DIFFUSER** - Smooth white frosted acrylic lens for glare free light and even distribution. Precision cut, snap in design. 4" lens 3.858" width 2" lens 2.361" width.

**FABRICATION** - Available in wall wash configuration. Available in 2" and 4" aperture width. Rigid design made with extruded aluminum ensures longevity and endurance.

**FINISH** - Aluminum electrostatic painted in White, Silver or custom colors.

**MOUNTING** - Fixtures easily mounts directly over most surfaces.

**ENDCAPS** - Rigid aluminum extrusion made out of T6063-T5 aluminum, diecast end caps.

**STANDARD LENGTHS** - All luminaires are supplied in nominal lengths to ensure even illumination. Runs and configurations are available in app. 2', 4' and 8' increments.

**CRM INSTALLATION** - For continuous row mounting, the first fixture in the row will always be the power supplies feed. After plugging in the male and female harnesses, which are supplied with each fixture, they will easily slid together, then secured with two screws from opposite direction in the connecting brackets. This allows for fixtures to be continuously connected with only removing the lenses. There is no need to remove any other parts in the fixture to install the continuous run.

**ELECTRICAL** - Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120-277V input, produce less than 20% THD, and have a power factor of .90 to 1.00. Male and Female 18-gauge 6 wire plug connectors are included with every fixture to allow for simple hassle-free continuous wiring. Each fixture must be installed male to female.

**OPTIONS** - Fixtures may be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Lutron, Leviton, Wattstopper, EnOcean, Enlighted, Philips and others. **Consult factory for details.**

**WARM DIM (SMART DIM) ARCHITECTURAL LIGHTING**

**SMART DIM** - Warm Dim with Smart Dim technology mimics traditional incandescent halogen lighting through dimming. Using Warm Dim, luminaires dim smoothly from 3500K to 1800K. Warm Dim shifts smoothly over the black body radiator curve as the light dims you move into the rich amber tones that encourages relaxation. It is ideal for hospitality, architectural as well as residential applications, all while maintaining high lumen output for the most stringent energy codes today's legislation requires. Warm Dim comes paired with high CRI of 85+ and superior lumen output.

**WARM DIM WITH SMART DIM TECHNOLOGY CAN BE SUPPLIED WITH A VARIETY OF DIMMING AND CONTROL PROTOCOLS 0-10V, DMX, DALI, OR LUTRON ECOSYSTEM AND CAN BE DIMMED DOWN TO 1% OF INITIAL LIGHT OUTPUT:**

**DIMTR** (Triac & Electronic Low Voltage Dimming in 120V only) Triac & Electronic Low Voltage dimming driver available when ordered with the following options (DIMTR-120) and only available in 120V.

**DIM10** (0-10V 1% Dimming Standard) 0-10V driver which can be dimmed down to 1% of initial light output with a 0-10V dimmer when ordered with the following options (DIM10-120, DIM10-277).

**LUTEKO** - Provided with Lutron EcoSystem driver. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems and Lutron Vive. When ordered with the following options (LUTEKO).

**LUT2W**- (Lutron® Hi-Lume A-Series 2-Wire Forward Phase Control 1% Dimming in 120V). When ordered with the following options (LUT2W).

**DMX** - Compatible with Digital Multiplex Controller, Available with two options: **DMX-512**: Standard DMX Controller and **DMX-RDM**: DMX Controller with Remote Device Management.

**DALI** - Compatible with Digital Addressable Lighting Interface, available with two options: TD6 and TD8.

**EMERGENCY** - Emergency battery back-up comes pre-installed on the fixture and emergency push button is installed on the fixture for easy access and aesthetics.

**QUALITY CONTROL** - Every fixture is rigorously tested by our QC Department before shipping.

**LISTING**

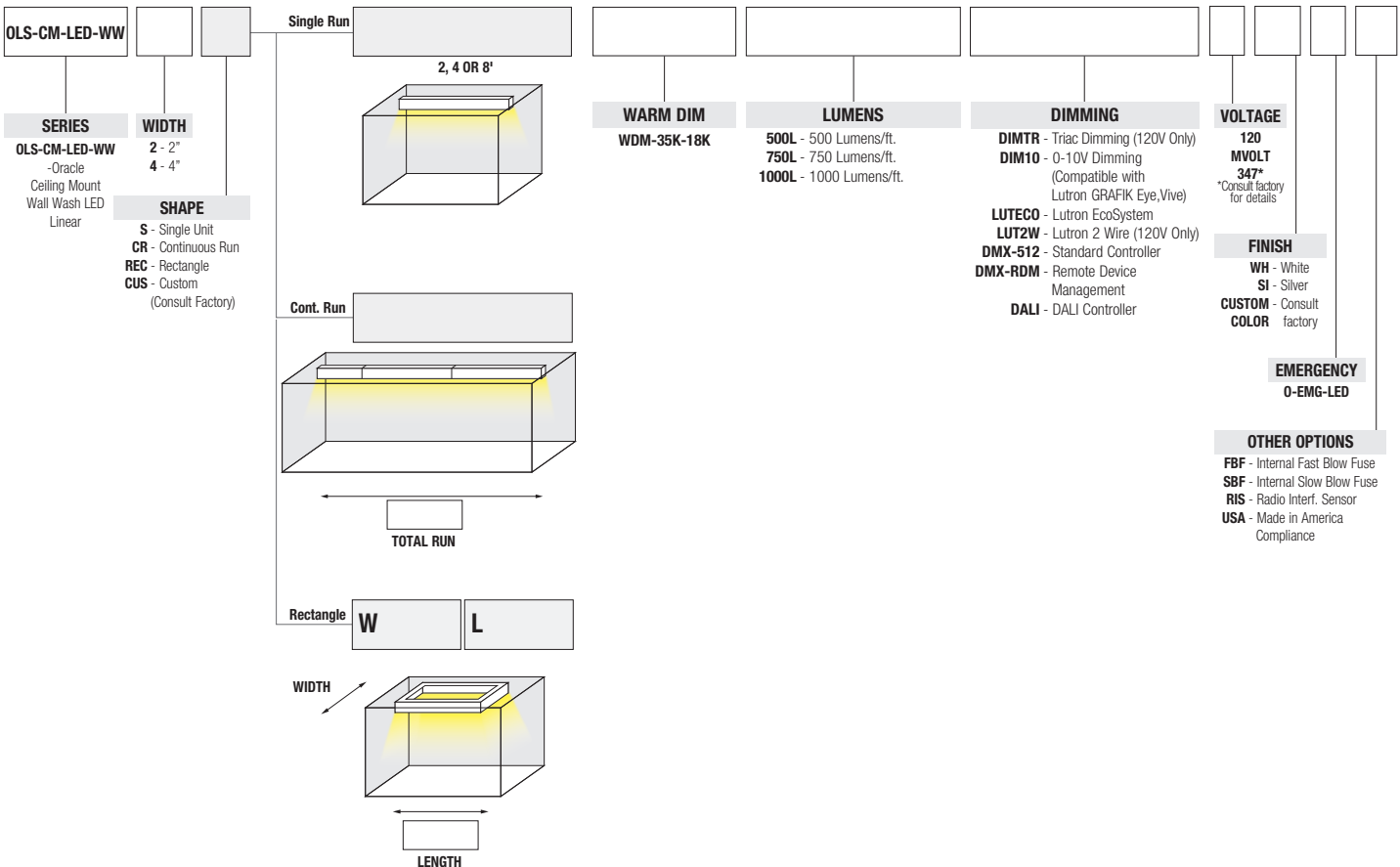
c-UL-us / c-ETL-us - listed for Damp location

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

**OUR WORD** - Our LED system is Life tested to ensure light output of L70 up to 110,000 hrs and L85 up to 65,000 hrs and carries a five-year carefree warranty for parts and components. (Labor not included)

**AVAILABLE IN SURFACE LINEAR DIRECT SYSTEM, RECESSED LINEAR DIRECT SYSTEM, WALL MOUNT LINEAR DIRECT/INDIRECT SYSTEM**

Ordering Information: OLS-CM-LED-WW-2-REC-W8-L6-WDM-35K-18K-500L-DIM10-MVOLT









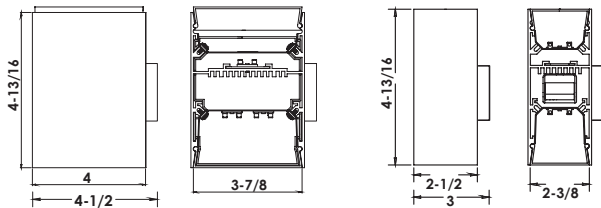
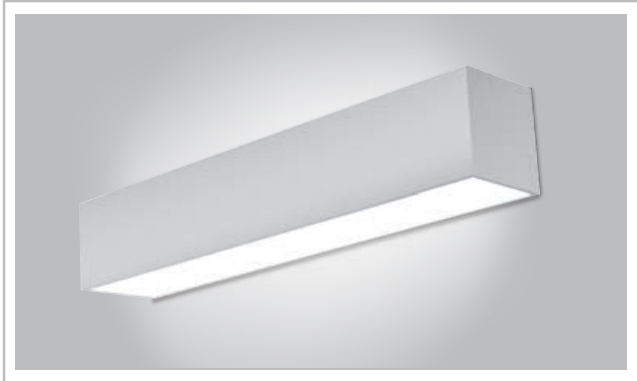
# OLS-WDI-LED

LED ARCHITECTURAL WALL MOUNT  
LINEAR DIRECT SYSTEM

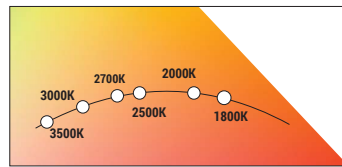
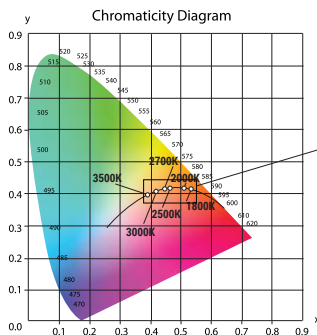


# OLS-WDI-LED

LED ARCHITECTURAL WALL MOUNT  
LINEAR DIRECT/INDIRECT SYSTEM



Elite Lighting's Architectural Lighting Luminaires with Black Body Technology mimic traditional Halogen dimming to help create a warm ambiance.



Black Body Dimming Color temperature warms from 3500K - 1800K while staying on the Black Body Locus when dimming

**APPLICATION:** Ambient lighting for glare-free, smooth illumination ideal for institutional, commercial and retail application.

**PRODUCT FEATURES:**

- Direct/indirect of 500L, 750L or 1000L lumens per ft. uplight and 500L, 750L or 1000L lumens per ft. downlight
- Standard length 2', 4' and 8'
- Aperture width include 2" and 4"
- Rigid aluminum extrusion made out of T6063-T5 aluminum, die cast aluminum end caps
- Optical system offers high efficiency LED light that passes through a smooth acrylic lens for optimal distribution patterns, thus creating a glare-free and even distribution for your application
- Life tested to 50,000 hours of operation to L70
- Tested to LM-79 and LM-80 standards
- Full ability to tandem mount for continuous run application complete with easy quick connects
- Also available in recessed and wall mount

**PERFORMANCE** - Operating system delivers 500, 750, or 1000 lumens per ft. uplight and 500L, 750L or 1000L lumens per ft. downlight. All Warm Dim system maintain a CRI of 85+ across the dimming range of 3500K to 1800K and are binned to within 3 MacAdam ellipse. Elite's highly selective LED diodes produce zero ultraviolet and virtually no infrared light.

**OPTICS** - Fabricated of 20 gauge aluminum. Post painted finish with 95% reflective premium paint.

**DIFFUSER** - Smooth white frosted acrylic lens for glare free light and even distribution. Precision cut, snap in design. 4" lens 3.858" width 2" lens 2.361" width.

**FABRICATION** - Available in 2" and 4" aperture width. Rigid design made with extruded aluminum ensures longevity and endurance.

**FINISH** - Aluminum electrostatic painted in White, Silver or custom colors.

**MOUNTING** - High quality aluminum wall brackets that have undergone stringent safety testing. Can be mounted in horizontal or vertical configuration. Consult factory for additional mounting options.

**ENDCAPS** - Rigid aluminum extrusion made out of T6063-T5 aluminum, diecast end caps.

**STANDARD LENGTHS** - All luminaires are supplied in nominal lengths to ensure even illumination. Runs and configurations are available in app. 2', 4' and 8' increments.

**CRM INSTALLATION** - For continuous row mounting, the first fixture in the row will always be the power supplies feed. After plugging in the male and female harnesses, which are supplied with each fixture, they will easily slid together, then secured with two screws from opposite direction in the connecting brackets. This allows for fixtures to be continuously connected with only removing the lenses. There is no need to remove any other parts in the fixture to install the continuous run.

**ELECTRICAL** - Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120-277V input, produce less than 20% THD, and have a power factor of .90 to 1.00. Male and Female 18-gauge 6 wire plug connectors are included with every fixture to allow for simple hassle-free continuous wiring. Each fixture must be installed male to female.

**OPTIONS** - Fixtures may be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Lutron, Leviton, Wattstopper, EnOcean, Enlighted, Philips and others. **Consult factory for details.**



**WARM DIM (SMART DIM) ARCHITECTURAL LIGHTING**

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**WARM DIM WITH SMART DIM TECHNOLOGY CAN BE SUPPLIED WITH A VARIETY OF DIMMING AND CONTROL PROTOCOLS 0-10V, DMX, DALI, OR LUTRON ECOSYSTEM AND CAN BE DIMMED DOWN TO 1% OF INITIAL LIGHT OUTPUT:**

**DIMTR** (Triac & Electronic Low Voltage Dimming in 120V only) Triac & Electronic Low Voltage dimming driver available when ordered with the following options (DIMTR-120) and only available in 120V.

**DIM10** (0-10V 1% Dimming Standard) 0-10V driver which can be dimmed down to 1% of initial light output with a 0-10V dimmer when ordered with the following options (DIM10-120, DIM10-277).

**LUTECO** - Provided with Lutron EcoSystem driver. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems and Lutron Vive. When ordered with the following options (LUTECO).

**LUT2W**- (Lutron® Hi-Lume A-Series 2-Wire Forward Phase Control 1% Dimming in 120V). When ordered with the following options (LUT2W).

**DMX** - Compatible with Digital Multiplex Controller, Available with two options: **DMX-512**: Standard DMX Controller and **DMX-RDM**: DMX Controller with Remote Device Management.

**DALI** - Compatible with Digital Addressable Lighting Interface, available with two options: TD6 and TD8.

**EMERGENCY** - Emergency battery back-up comes pre-installed on the fixture and emergency push button is installed on the fixture for easy access and aesthetics.

**QUALITY CONTROL** - Every fixture is rigorously tested by our QC Department before shipping.

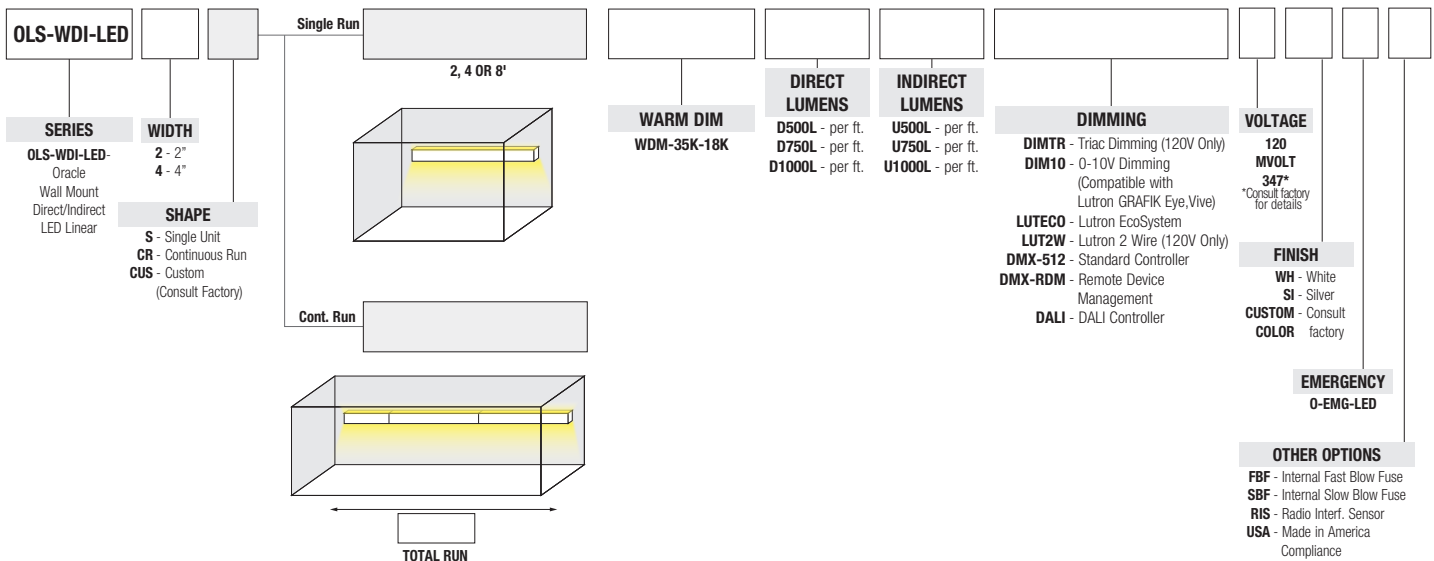
**LISTING** - c-UL-us / c-ETL-us - listed for Damp location

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

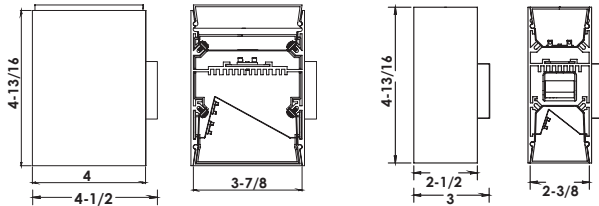
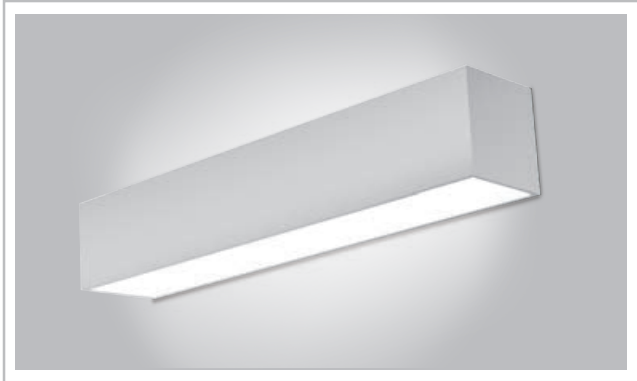
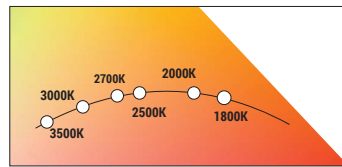
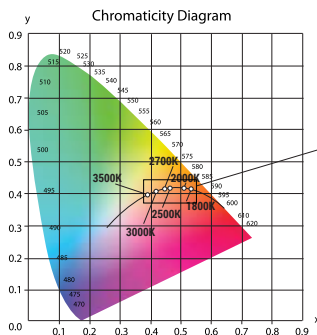
**OUR WORD** - Our LED system is Life tested to ensure light output of L70 up to 110,000 hrs and L85 up to 65,000 hrs and carries a five-year carefree warranty for parts and components. (Labor not included)

**AVAILABLE IN SURFACE LINEAR DIRECT SYSTEM, RECESSED LINEAR DIRECT SYSTEM, WALL MOUNT LINEAR DIRECT/INDIRECT SYSTEM**

Ordering Information: OLS-WDI-LED-2-CR24-WDM-35K-18K-D500L-U500L-DIM10-MVOLT



## OLS-WDI-LED-WW

LED ARCHITECTURAL WALL MOUNT  
LINEAR DIRECT/INDIRECT SYSTEMElite Lighting's Architectural Lighting Luminaires with Black Body Technology  
mimic traditional Halogen dimming to help create a warm ambiance.

Black Body Dimming Color temperature warms from 3500K - 1800K while staying on the Black Body Locus when dimming

**APPLICATION:** Ambient lighting for glare-free, smooth illumination ideal for institutional, commercial and retail application.

**PRODUCT FEATURES:**

- Direct/indirect of 500L, 750L or 1000L lumens per ft. uplight and 500L, 750L or 1000L lumens per ft. downlight
- Standard length 2', 4' and 8'
- Aperture width include 2" and 4"
- Rigid aluminum extrusion made out of T6063-T5 aluminum, die cast aluminum end caps
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- Life tested to 50,000 hours of operation to L70
- Tested to LM-79 and LM-80 standards
- Full ability to tandem mount for continuous run application complete with easy quick connects
- Also available in recessed and wall mount

**PERFORMANCE** - Operating system delivers 500, 750, or 1000 lumens per ft. uplight and 500L, 750L or 1000L lumens per ft. downlight. All Warm Dim system maintain a CRI of 85+ across the dimming range of 3500K to 1800K and are binned to within 3 MacAdam ellipse. Elite's highly selective LED diodes produce zero ultraviolet and virtually no infrared light.

**OPTICS** - Fabricated of 20 gauge aluminum. Post painted finish with 95% reflective premium paint.

**DIFFUSER** - Smooth white frosted acrylic lens for glare free light and even distribution. Precision cut, snap in design. 4" lens 3.858" width 2" lens 2.361" width.

**FABRICATION** - Available in wallwash/uplight, wallwash/wallwash or wallwash/downlight configurations. Available in 2" and 4" aperture width. Rigid design made with extruded aluminum ensures longevity and endurance.

**FINISH** - Aluminum electrostatic painted in White, Silver or custom colors.

**MOUNTING** - High quality aluminum wall brackets that have undergone stringent safety testing. Can be mounted in horizontal or vertical configuration. Consult factory for additional mounting options.

**ENDCAPS** - Rigid aluminum extrusion made out of T6063-T5 aluminum, diecast end caps.

**STANDARD LENGTHS** - All luminaires are supplied in nominal lengths to ensure even illumination. Runs and configurations are available in app. 2', 4' and 8' increments.

**CRM INSTALLATION** - For continuous row mounting, the first fixture in the row will always be the power supplies feed. After plugging in the male and female harnesses, which are supplied with each fixture, they will easily slid together, then secured with two screws from opposite direction in the connecting brackets. This allows for fixtures to be continuously connected with only removing the lenses. There is no need to remove any other parts in the fixture to install the continuous run.

**ELECTRICAL** - Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120-277V input, produce less than 20% THD, and have a power factor of .90 to 1.00. Male and Female 18-gauge 6 wire plug connectors are included with every fixture to allow for simple hassle-free continuous wiring. Each fixture must be installed male to female.

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**DMX** - Compatible with Digital Multiplex Controller, Available with two options: **DMX-512**: Standard DMX Controller and **DMX-RDM**: DMX Controller with Remote Device Management.

**DALI** - Compatible with Digital Addressable Lighting Interface, available with two options: TD6 and TD8.

**EMERGENCY** - Emergency battery back-up comes pre-installed on the fixture and emergency push button is installed on the fixture for easy access and aesthetics.

**QUALITY CONTROL** - Every fixture is rigorously tested by our QC Department before shipping.

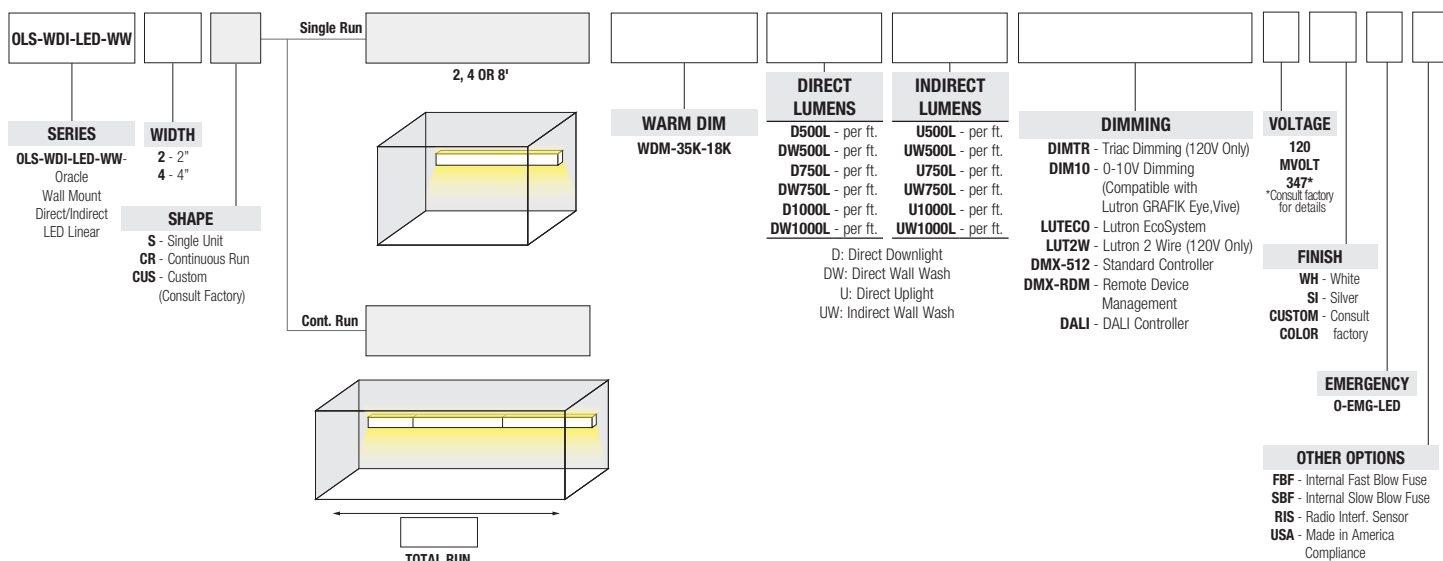
**LISTING** - c-UL-us / c-ETL-us - listed for Damp location

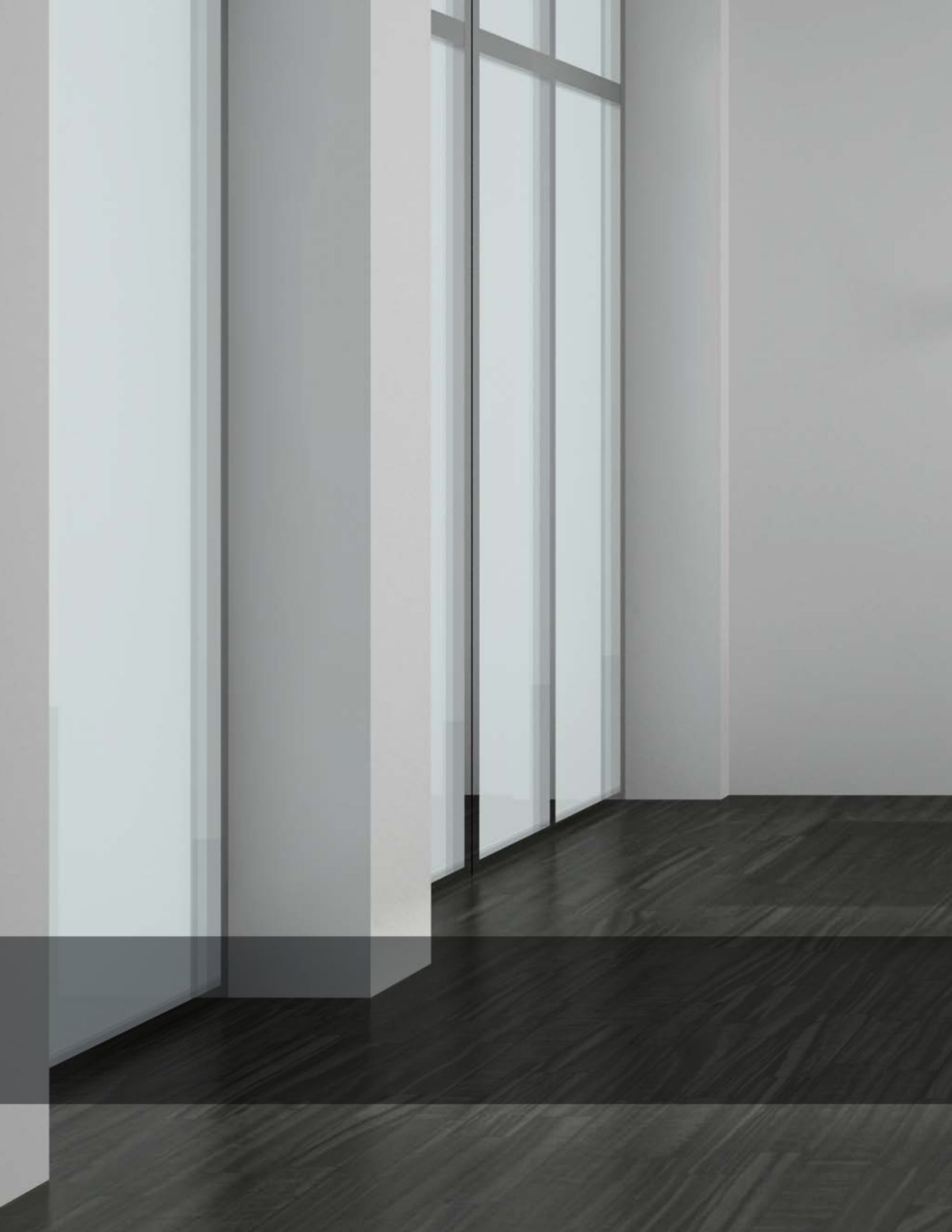
All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

**OUR WORD** - Our LED system is Life tested to ensure light output of L70 up to 110,000 hrs and L85 up to 65,000 hrs and carries a five-year carefree warranty for parts and components. (Labor not included)

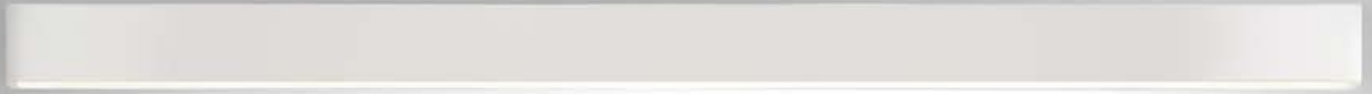
**AVAILABLE IN SURFACE LINEAR DIRECT SYSTEM, RECESSED LINEAR DIRECT SYSTEM, WALL MOUNT LINEAR DIRECT/INDIRECT SYSTEM**

Ordering Information: OLS-WDI-LED-WW-2-CR24-WDM-35K-18K-D500L-U500L-DIM10-MVOLT









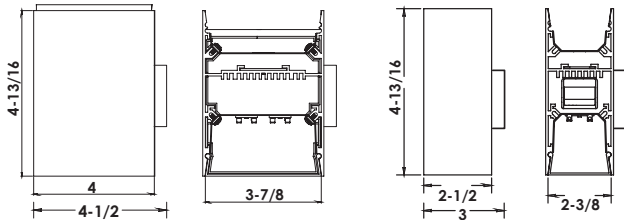
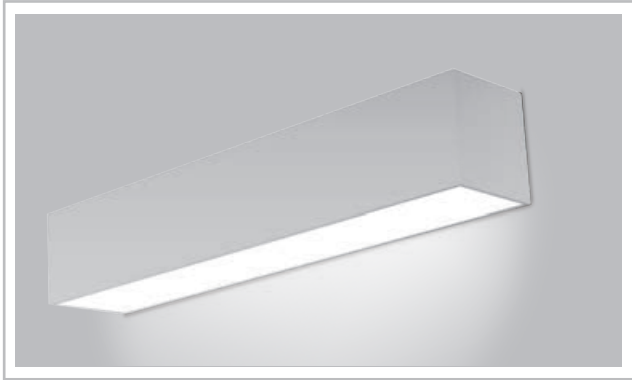
# OLS-WD-LED

LED ARCHITECTURAL WALL MOUNT  
LINEAR DIRECT SYSTEM

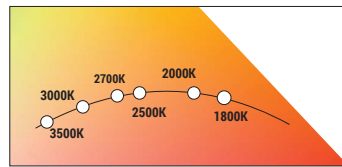
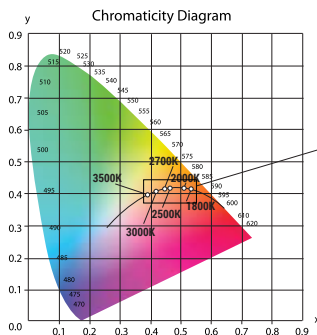


# OLS-WD-LED

LED ARCHITECTURAL WALL MOUNT  
LINEAR DIRECT SYSTEM



Elite Lighting's Architectural Lighting Luminaires with Black Body Technology mimic traditional Halogen dimming to help create a warm ambiance.



Black Body Dimming Color temperature warms from 3500K - 1800K while staying on the Black Body Locus when dimming

**APPLICATION:** Ambient lighting for glare-free, smooth illumination ideal for institutional, commercial and retail application.

**PRODUCT FEATURES:**

- Direct/indirect of 500L, 750L or 1000L lumens per ft. downlight
- Standard length 2', 4' and 8'
- Aperture width include 2" and 4"
- Rigid aluminum extrusion made out of T6063-T5 aluminum, die cast aluminum end caps
- Optical system offers high efficiency LED light that passes through a smooth acrylic lens for optimal distribution patterns, thus creating a glare-free and even distribution for your application
- Life tested to 50,000 hours of operation to L70
- Tested to LM-79 and LM-80 standards
- Full ability to tandem mount for continuous run application complete with easy quick connects
- Also available in recessed and wall mount

**PERFORMANCE** - Operating system delivers 500L, 750L or 1000L lumens per ft. downlight. All Warm Dim system maintain a CRI of 85+ across the dimming range of 3500K to 1800K and are binned to within 3 MacAdam ellipse. Elite's highly selective LED diodes produce zero ultraviolet and virtually no infrared light.

**OPTICS** - Fabricated of 20 gauge aluminum. Post painted finish with 95% reflective premium paint.

**DIFFUSER** - Smooth white frosted acrylic lens for glare free light and even distribution. Precision cut, snap in design. 4" lens 3.858" width 2" lens 2.361" width.

**FABRICATION** - Available in 100% downlight configuration. Available in 2" and 4" aperture width. Rigid design made with extruded aluminum ensures longevity and endurance.

**FINISH** - Aluminum electrostatic painted in White, Silver or custom colors.

**MOUNTING** - High quality aluminum wall brackets that have undergone stringent safety testing. Can be mounted in horizontal or vertical configuration. Consult factory for additional mounting options.

**ENDCAPS** - Rigid aluminum extrusion made out of T6063-T5 aluminum, diecast end caps.

**STANDARD LENGTHS** - All luminaires are supplied in nominal lengths to ensure even illumination. Runs and configurations are available in app. 2', 4' and 8' increments.

**CRM INSTALLATION** - For continuous row mounting, the first fixture in the row will always be the power supplies feed. After plugging in the male and female harnesses, which are supplied with each fixture, they will easily slid together, then secured with two screws from opposite direction in the connecting brackets. This allows for fixtures to be continuously connected with only removing the lenses. There is no need to remove any other parts in the fixture to install the continuous run.

**ELECTRICAL** - Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120-277V input, produce less than 20% THD, and have a power factor of .90 to 1.00. Male and Female 18-gauge 6 wire plug connectors are included with every fixture to allow for simple hassle-free continuous wiring. Each fixture must be installed male to female.

**OPTIONS** - Fixtures may be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Lutron, Leviton, Wattstopper, EnOcean, Enlighted, Philips and others. **Consult factory for details.**

**WARM DIM (SMART DIM) ARCHITECTURAL LIGHTING**

**SMART DIM** - Warm Dim with Smart Dim technology mimics traditional incandescent halogen lighting through dimming. Using Warm Dim, luminaires dim smoothly from 3500K to 1800K. Warm Dim shifts smoothly over the black body radiator curve as the light dims you move into the rich amber tones that encourages relaxation. It is ideal for hospitality, architectural as well as residential applications, all while maintaining high lumen output for the most stringent energy codes today's legislation requires. Warm Dim comes paired with high CRI of 85+ and superior lumen output.

**WARM DIM WITH SMART DIM TECHNOLOGY CAN BE SUPPLIED WITH A VARIETY OF DIMMING AND CONTROL PROTOCOLS 0-10V, DMX, DALI, OR LUTRON ECOSYSTEM AND CAN BE DIMMED DOWN TO 1% OF INITIAL LIGHT OUTPUT:**

**DIMTR** (Triac & Electronic Low Voltage Dimming in 120V only) Triac & Electronic Low Voltage dimming driver available when ordered with the following options (DIMTR-120) and only available in 120V.

**DIM10** (0-10V 1% Dimming Standard) 0-10V driver which can be dimmed down to 1% of initial light output with a 0-10V dimmer when ordered with the following options (DIM10-120, DIM10-277).

**LUTECO** - Provided with Lutron EcoSystem driver. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems and Lutron Vive. When ordered with the following options (LUTECO).

**LUT2W**- (Lutron® Hi-Lume A-Series 2-Wire Forward Phase Control 1% Dimming in 120V). When ordered with the following options (LUT2W).

**DMX** - Compatible with Digital Multiplex Controller, Available with two options: **DMX-512**: Standard DMX Controller and **DMX-RDM**: DMX Controller with Remote Device Management.

**DALI** - Compatible with Digital Addressable Lighting Interface, available with two options: TD6 and TD8.

**EMERGENCY** - Emergency battery back-up comes pre-installed on the fixture and emergency push button is installed on the fixture for easy access and aesthetics.

**QUALITY CONTROL** - Every fixture is rigorously tested by our QC Department before shipping.

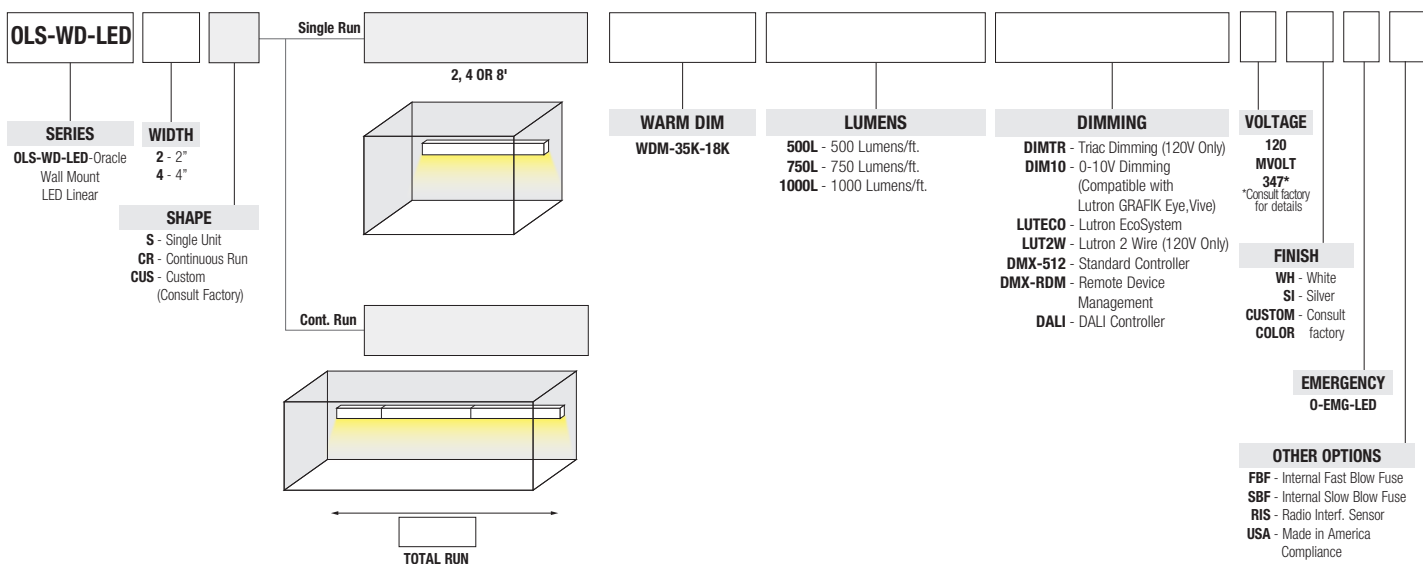
**LISTING** - c-UL-us / c-ETL-us - listed for Damp location

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

**OUR WORD** - Our LED system is Life tested to ensure light output of L70 up to 110,000 hrs and L85 up to 65,000 hrs and carries a five-year carefree warranty for parts and components. (Labor not included)

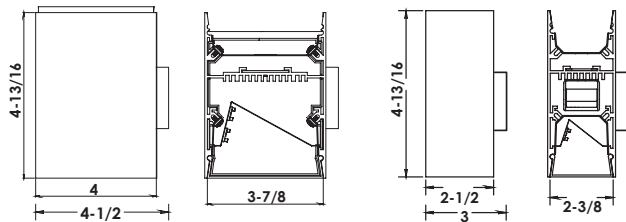
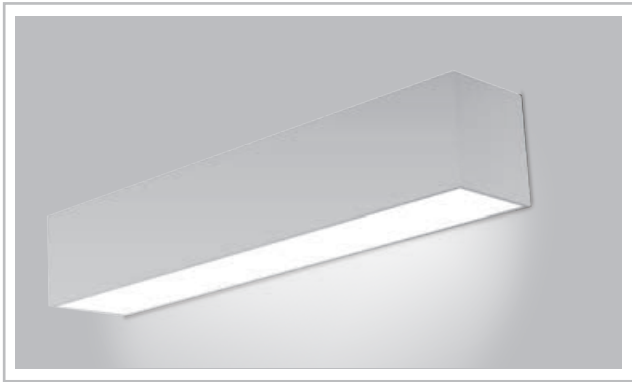
**AVAILABLE IN SURFACE LINEAR DIRECT SYSTEM, RECESSED LINEAR DIRECT SYSTEM, WALL MOUNT LINEAR DIRECT/INDIRECT SYSTEM**

Ordering Information: OLS-WD-LED-2-CR24-WDM-35K-18K-500L-DIM10-MVOLT

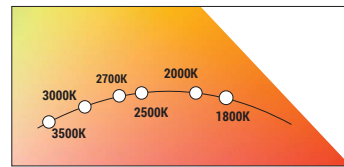
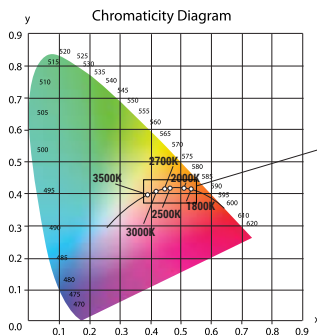


# OLS-WD-LED-WW

LED ARCHITECTURAL WALL MOUNT  
WALL WASH DIRECT SYSTEM



Elite Lighting's Architectural Lighting Luminaires with Black Body Technology mimic traditional Halogen dimming to help create a warm ambiance.



Black Body Dimming Color temperature warms from 3500K - 1800K while staying on the Black Body Locus when dimming

**APPLICATION:** Ambient lighting for glare-free, smooth illumination ideal for institutional, commercial and retail application.

**PRODUCT FEATURES:**

- Direct/indirect of 500L, 750L or 1000L lumens per ft. downlight
- Standard length 2', 4' and 8'
- Aperture width include 2" and 4"
- Rigid aluminum extrusion made out of T6063-T5 aluminum, die cast aluminum end caps
- Optical system offers high efficiency LED light that passes through a smooth acrylic lens for optimal distribution patterns, thus creating a glare-free and even distribution for your application
- Life tested to 50,000 hours of operation to L70
- Tested to LM-79 and LM-80 standards
- Full ability to tandem mount for continuous run application complete with easy quick connects
- Also available in recessed and wall mount

**PERFORMANCE** - Operating system delivers 500L, 750L or 1000L lumens per ft. downlight. All Warm Dim system maintain a CRI of 85+ across the dimming range of 3500K to 1800K and are binned to within 3 MacAdam ellipse. Elite's highly selective LED diodes produce zero ultraviolet and virtually no infrared light.

**OPTICS** - Fabricated of 20 gauge aluminum. Post painted finish with 95% reflective premium paint.

**DIFFUSER** - Smooth white frosted acrylic lens for glare free light and even distribution. Precision cut, snap in design. 4" lens 3.858" width 2" lens 2.361" width.

**FABRICATION** - Available in wall wash configuration. Available in 2" and 4" aperture width. Rigid design made with extruded aluminum ensures longevity and endurance.

**FINISH** - Aluminum electrostatic painted in White, Silver or custom colors.

**MOUNTING** - High quality aluminum wall brackets that have undergone stringent safety testing. Can be mounted in horizontal or vertical configuration. Consult factory for additional mounting options.

**ENDCAPS** - Rigid aluminum extrusion made out of T6063-T5 aluminum, diecast end caps.

**STANDARD LENGTHS** - All luminaires are supplied in nominal lengths to ensure even illumination. Runs and configurations are available in app. 2', 4' and 8' increments.

**CRM INSTALLATION** - For continuous row mounting, the first fixture in the row will always be the power supplies feed. After plugging in the male and female harnesses, which are supplied with each fixture, they will easily slid together, then secured with two screws from opposite direction in the connecting brackets. This allows for fixtures to be continuously connected with only removing the lenses. There is no need to remove any other parts in the fixture to install the continuous run.

**ELECTRICAL** - Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120-277V input, produce less than 20% THD, and have a power factor of .90 to 1.00. Male and Female 18-gauge 6 wire plug connectors are included with every fixture to allow for simple hassle-free continuous wiring. Each fixture must be installed male to female.

**OPTIONS** - Fixtures may be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Lutron, Leviton, Wattstopper, EnOcean, Enlighted, Philips and others. **Consult factory for details.**



**WARM DIM (SMART DIM) ARCHITECTURAL LIGHTING**

**SMART DIM** - Warm Dim with Smart Dim technology mimics traditional incandescent halogen lighting through dimming. Using Warm Dim, luminaires dim smoothly from 3500K to 1800K. Warm Dim shifts smoothly over the black body radiator curve as the light dims you move into the rich amber tones that encourages relaxation. It is ideal for hospitality, architectural as well as residential applications, all while maintaining high lumen output for the most stringent energy codes today's legislation requires. Warm Dim comes paired with high CRI of 85+ and superior lumen output.

**WARM DIM WITH SMART DIM TECHNOLOGY CAN BE SUPPLIED WITH A VARIETY OF DIMMING AND CONTROL PROTOCOLS 0-10V, DMX, DALI, OR LUTRON ECOSYSTEM AND CAN BE DIMMED DOWN TO 1% OF INITIAL LIGHT OUTPUT:**

**DIMTR** (Triac & Electronic Low Voltage Dimming in 120V only) Triac & Electronic Low Voltage dimming driver available when ordered with the following options (DIMTR-120) and only available in 120V.

**DIM10** (0-10V 1% Dimming Standard) 0-10V driver which can be dimmed down to 1% of initial light output with a 0-10V dimmer when ordered with the following options (DIM10-120, DIM10-277).

**LUTECO** - Provided with Lutron EcoSystem driver. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems and Lutron Vive. When ordered with the following options (LUTECO).

**LUT2W**- (Lutron® Hi-Lume A-Series 2-Wire Forward Phase Control 1% Dimming in 120V). When ordered with the following options (LUT2W).

**DMX** - Compatible with Digital Multiplex Controller, Available with two options: **DMX-512**: Standard DMX Controller and **DMX-RDM**: DMX Controller with Remote Device Management.

**DALI** - Compatible with Digital Addressable Lighting Interface, available with two options: TD6 and TD8.

**EMERGENCY** - Emergency battery back-up comes pre-installed on the fixture and emergency push button is installed on the fixture for easy access and aesthetics.

**QUALITY CONTROL** - Every fixture is rigorously tested by our QC Department before shipping.

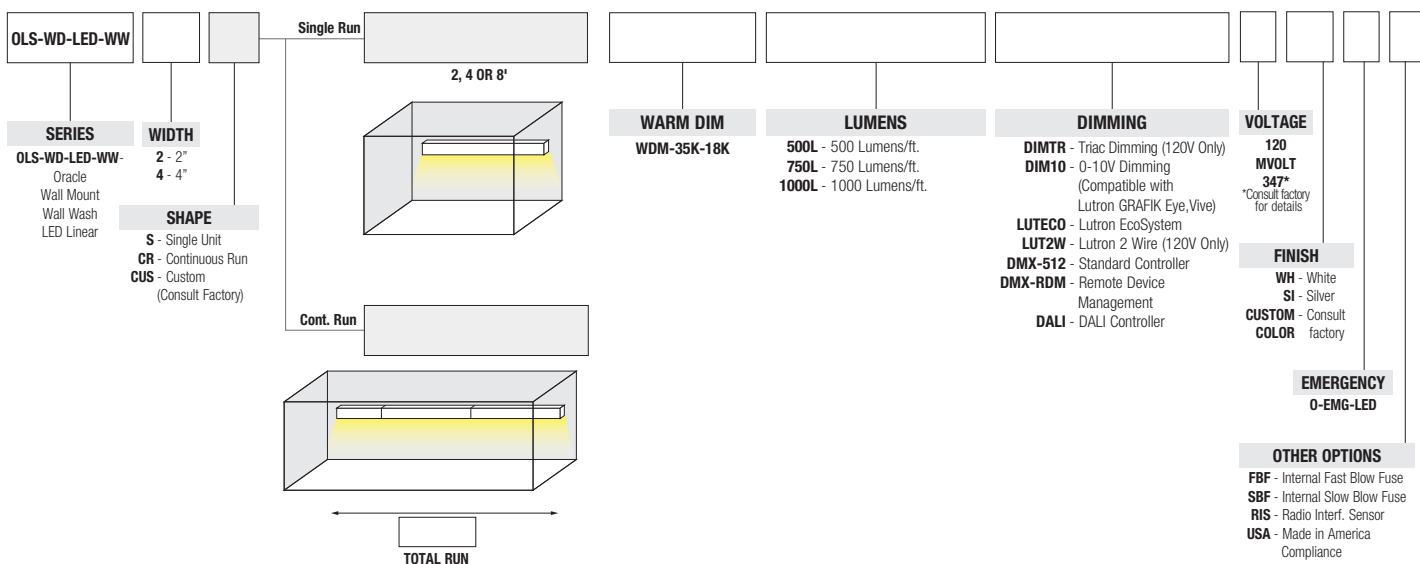
**LISTING** - c-UL-us / c-ETL-us - listed for Damp location

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

**OUR WORD** - Our LED system is Life tested to ensure light output of L70 up to 110,000 hrs and L85 up to 65,000 hrs and carries a five-year carefree warranty for parts and components. (Labor not included)

**AVAILABLE IN SURFACE LINEAR DIRECT SYSTEM, RECESSED LINEAR DIRECT SYSTEM, WALL MOUNT LINEAR DIRECT/INDIRECT SYSTEM**

Ordering Information: OLS-WD-LED-WW-2-CR24-WDM-35K-18K-500L-DIM10-MVOLT









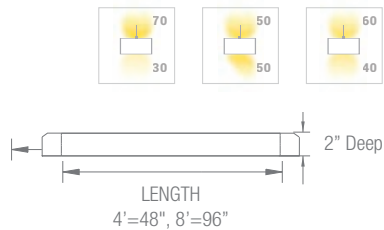
## ASI5/ASI7-LED

ARCHITECTURAL LED SUSPENDED  
LINEAR DIRECT/INDIRECT SYSTEM



# ASI5-LED

## ARCHITECTURAL LED SUSPENDED LINEAR DIRECT/INDIRECT SYSTEM



### PRODUCT FEATURES:

- Designed to mount on exact 4' and 8' centers
- White 20-gauge roll-formed steel housing
- A computer-designed optical system maximizes the output of LED light engines while producing very wide distribution for even ceiling brightness with mounting from 12" to 18" from the ceiling
- Fixtures are shipped with die-cast aluminum joiners installed for suspension and structural continuity
- Fixtures are designed with a white acrylic overlay that provides glowing ambient downlighting, and even illumination up lighting
- Joiners will accept stems, single cable, "V" cable and power cords
- Rated at 85+ CRI and available in multiple CCTs
- Emergency battery back-up comes pre-installed on the fixture and emergency push button is installed on the fixture for easy access and aesthetics.
- Life tested to ensure light output of L70 up to 150,000 hrs and L85 up to 65,000 hrs
- Tested to LM-79 and LM-80 standards
- LED lighting technology offers the highest return on initial investment over the lifetime of the fixture
- Dimmable down to 1% with compatible dimming systems

**PERFORMANCE:** Operating system delivers up to 8000 lumens and is available with 3 different distributions (70% up 30% down), (60% up 40% down) and (50% up 50% down). All Warm Dim system maintain a CRI of 85+ across the dimming range of 3500K to 1800K and are binned to within 3 MacAdam ellipse. Elite's highly selective LED diodes produce zero ultraviolet and virtually no infrared light.

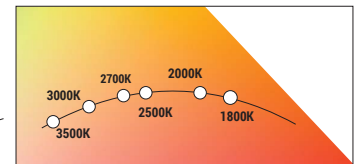
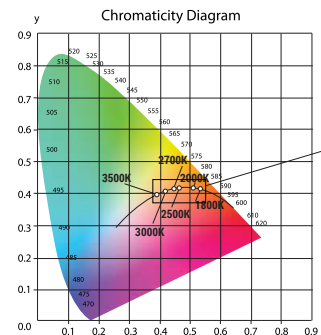
**DIFFUSER** – Fixtures are designed with a white acrylic overlay that provides glowing ambient downlighting.

**OPTICS** - The ASI5-LED optics use a flat high-transmission acrylic diffusing center panel and two side panels angled toward center. The high-transmission acrylic panels have a 95% transmission and 89% haze properties which diffuse the light delivered by the LED light engines and transmit highly efficient volumetric lighting. The optics are reinforced with a 20-gauge steel frame.

### WARM DIM (SMART DIM) ARCHITECTURAL LIGHTING

**SMART DIM** - Warm Dim with Smart Dim technology mimics traditional incandescent halogen lighting through dimming. Using Warm Dim, luminaires dim smoothly from 3500K to 1800K. Warm Dim shifts smoothly over the black body radiator curve as the light dims you move into the rich amber tones that encourages relaxation. It is ideal for hospitality, architectural as well as residential applications, all while maintaining high lumen output for the most stringent energy codes today's legislation requires. Warm Dim comes paired with high CRI of 85+ and superior lumen output.

### Elite Lighting's Architectural Lighting Luminaires with Black Body Technology mimic traditional Halogen dimming to help create a warm ambiance.



Black Body Dimming Color temperature warms from 3500K - 1800K while staying on the Black Body Locus when dimming

**LENGTHS** - All luminaires are supplied in nominal lengths to ensure even illumination. Runs and configurations are available in 4', and 8' increments and continuous row mounting

**FABRICATION** - Rigid design made with White 20-gauge roll-formed steel housing ensures longevity and endurance.

**ENDCAPS** - Rigid aluminum extrusion made out of T6063-T5 aluminum, diecast end caps.

**FINISH** - Aluminum electrostatic painted in White, Silver or custom colors.

**MOUNTING** - Adjustable cable suspension system provides fast installation into a variety of interior heights, including sloped ceilings. Fixture can be mounted from 12" to 18" from the ceiling while still producing very wide distribution for even ceiling brightness. Pre-drilled mounting holes come standard on every fixture for cable suspension system and power cord every 48" and 96".

**CRM INSTALLATION** - For continuous row mounting, Male and Female 18-gauge 6 wire plug connectors are included with every fixture to allow for simple hassle-free continuous wiring. Fixtures are shipped with die-cast aluminum joiners installed for suspension and structural continuity

**EMERGENCY** - Emergency battery back-up comes pre-installed on the fixture and emergency push button is installed on the fixture for easy access and aesthetics.

**APPLICATION:** Ambient lighting for glare-free, smooth illumination ideal for institutional, commercial and retail application.

**CONTROL OPTIONS** - Fixtures may be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Lutron, Leviton, Wattstopper, EnOcean, Enlighted, Philips and others. **Consult factory for details.**

### LISTING:

c-UL-us / c-ETL-us - listed for Damp location

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.



**WARM DIM WITH SMART DIM TECHNOLOGY CAN BE SUPPLIED WITH A VARIETY OF DIMMING AND CONTROL PROTOCOLS 0-10V, DMX, DALI, OR LUTRON ECOSYSTEM AND CAN BE DIMMED DOWN TO 1% OF INITIAL LIGHT OUTPUT:**

**DIMTR** (Triac & Electronic Low Voltage Dimming in 120V only) Triac & Electronic Low Voltage dimming driver available when ordered with the following options (DIMTR-120) and only available in 120V.

**DIM10** (0-10V 1% Dimming Standard) 0-10V driver which can be dimmed down to 1% of initial light output with a 0-10V dimmer when ordered with the following options (DIM10-120, DIM10-277).

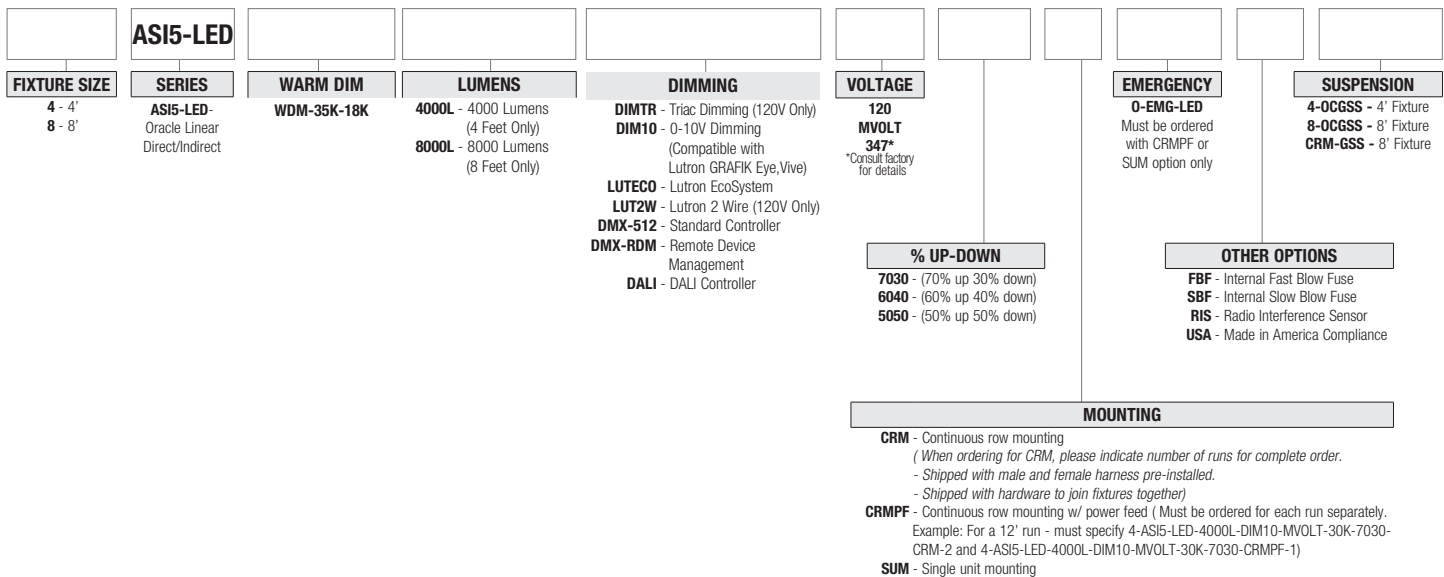
**LUTECO** - Provided with Lutron EcoSystem driver. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems and Lutron Vive. When ordered with the following options (LUTECO).

**LUT2W**- (Lutron® Hi-Lume A-Series 2-Wire Forward Phase Control 1% Dimming in 120V). When ordered with the following options (LUT2W).

**DMX** - Compatible with Digital Multiplex Controller, Available with two options: **DMX-512**: Standard DMX Controller and **DMX-RDM**: DMX Controller with Remote Device Management.

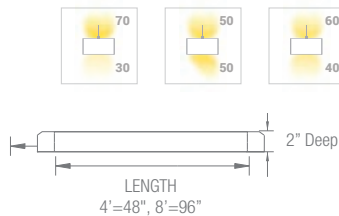
**DALI** - Compatible with Digital Addressable Lighting Interface, available with two options: TD6 and TD8.

Ordering Information: 4-ASI5-LED-WDM-35K-18K-4000L-MVOLT



# ASI7-LED

## ARCHITECTURAL LED SUSPENDED LINEAR DIRECT/INDIRECT SYSTEM



### PRODUCT FEATURES:

- Designed to mount on exact 4' and 8' centers
- White 20-gauge roll-formed steel housing
- A computer-designed optical system maximizes the output of LED light engines while producing very wide distribution for even ceiling brightness with mounting from 12" to 18" from the ceiling
- Fixtures are shipped with die-cast aluminum joiners installed for suspension and structural continuity
- Fixtures are designed with a white acrylic overlay that provides glowing ambient downlighting, and even illumination up lighting
- Joiners will accept stems, single cable, "V" cable and power cords
- Rated at 85+ CRI and available in multiple CCTs
- Emergency battery back-up comes pre-installed on the fixture and emergency push button is installed on the fixture for easy access and aesthetics.
- Life tested to ensure light output of L70 up to 150,000 hrs and L85 up to 65,000 hrs
- Tested to LM-79 and LM-80 standards
- LED lighting technology offers the highest return on initial investment over the lifetime of the fixture
- Dimmable down to 1% with compatible dimming systems

**PERFORMANCE:** Operating system delivers up to 8000 lumens and is available with 3 different distributions (70% up 30% down), (60% up 40% down) and (50% up 50% down). All Warm Dim system maintain a CRI of 85+ across the dimming range of 3500K to 1800K and are binned to within 3 MacAdam ellipse. Elite's highly selective LED diodes produce zero ultraviolet and virtually no infrared light.

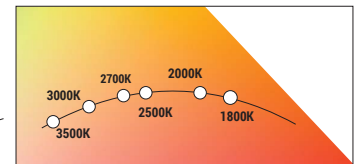
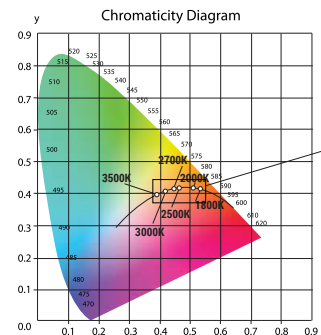
**DIFFUSER** – Fixtures are designed with a white acrylic overlay that provides glowing ambient downlighting.

**OPTICS** - The ASI5-LED optics use a flat high-transmission acrylic diffusing center panel and two side panels angled toward center. The high-transmission acrylic panels have a 95% transmission and 89% haze properties which diffuse the light delivered by the LED light engines and transmit highly efficient volumetric lighting. The optics are reinforced with a 20-gauge steel frame.

### WARM DIM (SMART DIM) ARCHITECTURAL LIGHTING

**SMART DIM** - Warm Dim with Smart Dim technology mimics traditional incandescent halogen lighting through dimming. Using Warm Dim, luminaires dim smoothly from 3500K to 1800K. Warm Dim shifts smoothly over the black body radiator curve as the light dims you move into the rich amber tones that encourages relaxation. It is ideal for hospitality, architectural as well as residential applications, all while maintaining high lumen output for the most stringent energy codes today's legislation requires. Warm Dim comes paired with high CRI of 85+ and superior lumen output.

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Black Body Dimming Color temperature warms from 3500K - 1800K while staying on the Black Body Locus when dimming

**LENGTHS** - All luminaires are supplied in nominal lengths to ensure even illumination. Runs and configurations are available in 4', and 8' increments and continuous row mounting

**FABRICATION** - Rigid design made with White 20-gauge roll-formed steel housing ensures longevity and endurance.

**ENDCAPS** - Rigid aluminum extrusion made out of T6063-T5 aluminum, diecast end caps.

**FINISH** - Aluminum electrostatic painted in White, Silver or custom colors.

**MOUNTING** - Adjustable cable suspension system provides fast installation into a variety of interior heights, including sloped ceilings. Fixture can be mounted from 12" to 18" from the ceiling while still producing very wide distribution for even ceiling brightness. Pre-drilled mounting holes come standard on every fixture for cable suspension system and power cord every 48" and 96".

**CRM INSTALLATION** - For continuous row mounting, Male and Female 18-gauge 6 wire plug connectors are included with every fixture to allow for simple hassle-free continuous wiring. Fixtures are shipped with die-cast aluminum joiners installed for suspension and structural continuity

**EMERGENCY** - Emergency battery back-up comes pre-installed on the fixture and emergency push button is installed on the fixture for easy access and aesthetics.

**APPLICATION:** Ambient lighting for glare-free, smooth illumination ideal for institutional, commercial and retail application.

**CONTROL OPTIONS** - Fixtures may be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Lutron, Leviton, Wattstopper, EnOcean, Enlighted, Philips and others. **Consult factory for details.**

### LISTING:

c-UL-us / c-ETL-us - listed for Damp location

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

**WARM DIM WITH SMART DIM TECHNOLOGY CAN BE SUPPLIED WITH A VARIETY OF DIMMING AND CONTROL PROTOCOLS 0-10V, DMX, DALI, OR LUTRON ECOSYSTEM AND CAN BE DIMMED DOWN TO 1% OF INITIAL LIGHT OUTPUT:**

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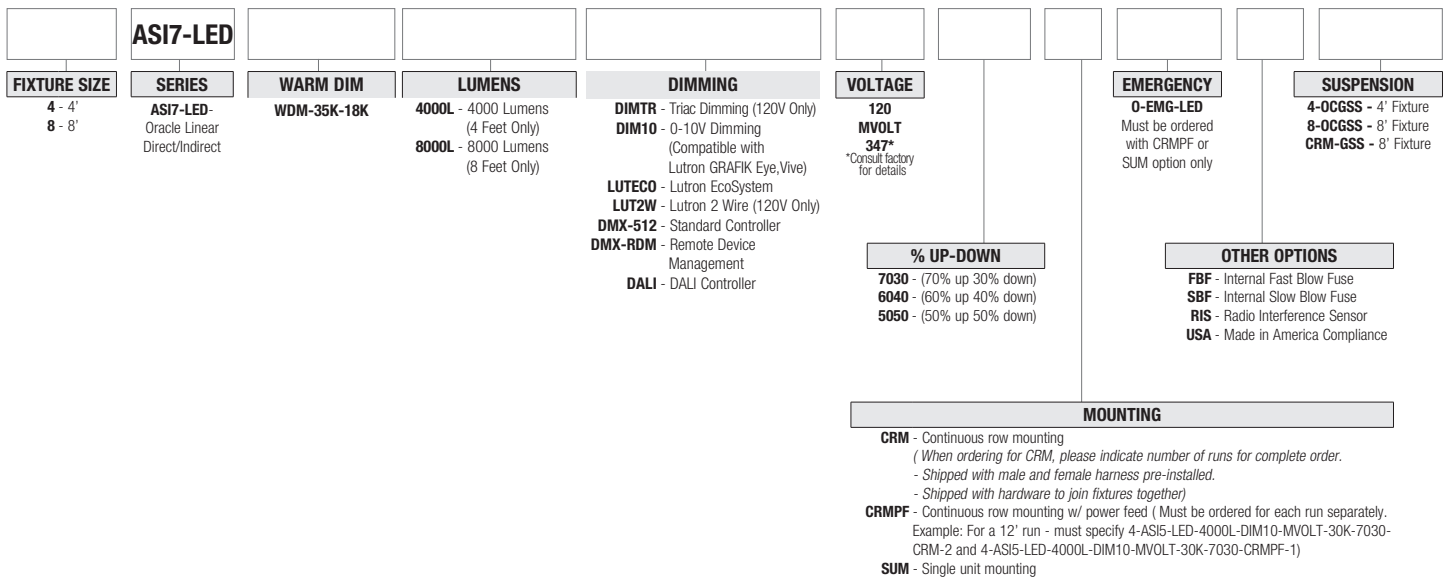
**LUTECO** - Provided with Lutron EcoSystem driver. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems and Lutron Vive. When ordered with the following options (LUTECO).

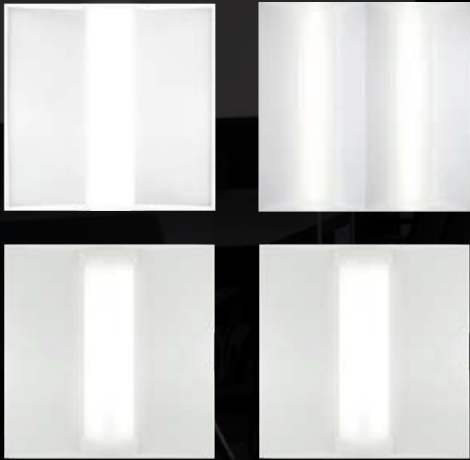
**LUT2W**- (Lutron® Hi-Lume A-Series 2-Wire Forward Phase Control 1% Dimming in 120V). When ordered with the following options (LUT2W).

**DMX** - Compatible with Digital Multiplex Controller, Available with two options: **DMX-512**: Standard DMX Controller and **DMX-RDM**: DMX Controller with Remote Device Management.

**DALI** - Compatible with Digital Addressable Lighting Interface, available with two options: TD6 and TD8.

Ordering Information: 4-ASI7-LED-WDM-35K-18K-4000L-MVOLT





RECESSED  
ARCHITECTURAL  
Volumetric  
& DIRECT  
INDIRECT  
LIGHTING







# 2'x2'

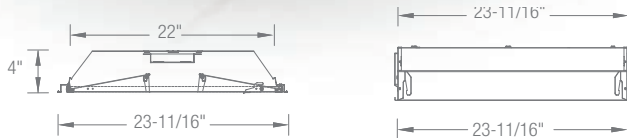
## LED RECESSED VOLUMETRIC SERIES

Warm Dim with Smart Dim Technology

### OD1V-LED

2' X 4' LED RECESSED VOLUMETRIC (WITH FULLY ILLUMINATED LENS)

2400 LUMENS	3400 LUMENS	4000 LUMENS	5000 LUMENS
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**PERFORMANCE** - The DAWN series OD1V-LED is a high-quality lay-in troffer luminaire powered by LED lighting technology which offers the highest return on initial investment over the lifetime of the fixture. OD1V-LED includes proprietary light lock system with a flat center mount high transmittance acrylic lens. An excellent highly efficient fixture ideal for office spaces, schools, hospitals, and many other indoor locations. Compatible with most industry standard T-bar grids. Operating system delivers 2400, 3400, 4000 or 5000 lumens. All Warm Dim system maintain a CRI of 85+ across the dimming range of 3500K to 1800K and are binned to within 3 MacAdam ellipse. Elite's highly selective LED diodes produce zero ultraviolet and virtually no infrared light.

**PRODUCT FEATURES:**

- Ships with a Dawn series three-panel optic with a flat center channel made from high-transmission frosted acrylic
- Fits in most industry standard T-bar grids
- Dawn series door frame prevents light leaks, and minimizes dust from entering fixture
- Constructed of one-piece ribbed unitized housing and corners that interlock, preventing damage to luminaire
- Door frame is designed with cam latches and T hinges to secure frame to housing and allows for easy light engine maintenance
- Housing and door frame interface provides a superior mechanical light seal
- Post-painted with a 93% reflective white coat to improve fixture efficacy
- All sides and corners are turned in and hemmed, removing sharp edges for safe handling and installation
- LED lighting technology offers the highest return on initial investment over the lifetime of the fixture
- LED light engine is completely removable and upgradable
- Four corner tie points are standard for safety wire support when required and built-in earthquake clips standard
- Fits into standard T-bar sizes including 5/8th, 3/8th, and slot T

**OPTICS** - The OD1V-LED includes a Dawn series optics using a flat high-transmission acrylic diffusing center panel and two side panels angled toward center. The high-transmission acrylic panels have a 95% transmission and 89% haze properties which diffuse the light delivered by the LED light engines and transmit highly efficient volumetric lighting. The Dawn series optics are reinforced with a 20-gauge steel frame.

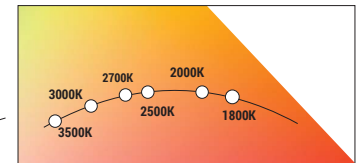
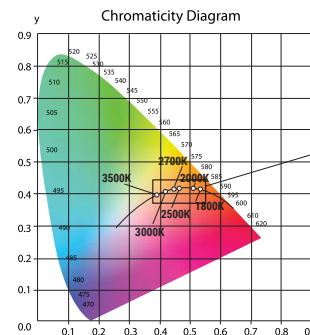
**MAINTENANCE** - LED engines and driver can be accessed through the bottom by removing hinged door frame and angled reflector. LED engines are removable and upgradable even after fixture installation. Fixture can be regularly and safely wiped down to ensure optimal fixture performance.

**OPTIONS** - Fixtures may be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Lutron, Leviton, Wattstopper, EnOcean, Enlighted, Philips and others. **Consult factory for details.**

**WARM DIM (SMART DIM) ARCHITECTURAL LIGHTING**

**SMART DIM** - Warm Dim with Smart Dim technology mimics traditional incandescent halogen lighting through dimming. Using Warm Dim, luminaires dim smoothly from 3500K to 1800K. Warm Dim shifts smoothly over the black body radiator curve as the light dims you move into the rich amber tones that encourages relaxation. It is ideal for hospitality, architectural as well as residential applications, all while maintaining high lumen output for the most stringent energy codes today's legislation requires. Warm Dim comes paired with high CRI of 85+ and superior lumen output.

**Elite Lighting's Architectural Lighting Luminaires with Black Body Technology mimic traditional Halogen dimming to help create a warm ambiance.**



Black Body Dimming Color temperature warms from 3500K - 1800K while staying on the Black Body Locus when dimming

**WARM DIM WITH SMART DIM TECHNOLOGY CAN BE SUPPLIED WITH A VARIETY OF DIMMING AND CONTROL PROTOCOLS 0-10V, DMX, DALI, OR LUTRON ECOSYSTEM AND CAN BE DIMMED DOWN TO 1% OF INITIAL LIGHT OUTPUT:**

**DIMTR** (Triac & Electronic Low Voltage Dimming in 120V only) Triac & Electronic Low Voltage dimming driver available when ordered with the following options (DIMTR-120) and only available in 120V.

**DIM10** (0-10V 1% Dimming Standard) 0-10V driver which can be dimmed down to 1% of initial light output with a 0-10V dimmer when ordered with the following options (DIM10-120, DIM10-277).

**LUTECO** - Provided with Lutron EcoSystem driver. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems and Lutron Vive. When ordered with the following options (LUTECO).

**LUT2W** - (Lutron® Hi-Lume A-Series 2-Wire Forward Phase Control 1% Dimming in 120V). When ordered with the following options (LUT2W).

**DMX** - Compatible with Digital Multiplex Controller, Available with two options: DMX-512: Standard DMX Controller and DMX-RDM: DMX Controller with Remote Device Management.

**DALI** - Compatible with Digital Addressable Lighting Interface, available with two options: TD6 and TD8.

**THERMAL MANAGEMENT** - LED light engines are attached directly to the housing which keeps the engines cool.

**QUALITY CONTROL** - Every fixture is turned on and rigorously tested by our QC Department before shipping.

**DURABILITY** - Our heavy-duty 20-gauge steel housing is engineered for maximum strength and extended life. Corners interlock to prevent aesthetic damage to the fixture. Sides and corners are uniformly turned in and hemmed to remove sharp edges for safe handling and easy installation.

**OUR WORD** - Our LED system is Life tested to ensure light output of L70 up to 110,000 hrs and L85 up to 65,000 hrs and carries a five-year carefree warranty for parts and components. (Labor not included)

**LISTING:** c-UL-us / c-ETL-us - listed for Damp location

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

2'x2'

# PHOTOMETRY DATA

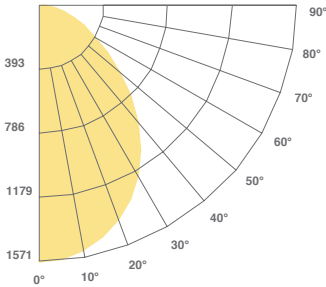
## 22-OD1V-LED-WDM-35K-18K-4000L-DIM10-MVOLT-85

WATTAGE: 44.3

LUMENS: 3985

TOTAL LUMINAIRE EFFICACY: 90

### Candle Power Distribution (Candelas)



### Spacing Criteria

0-180 : 1.16  
 90-270 : 1.34  
 Diagonal : 1.34

### Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	1229.63	30.90	30.90
0-40°	2003.52	50.40	50.30
0-60°	3340.82	84.00	83.80
0-90°	3985.28	100.20	100.00
0-180°	3985.28	100.20	100.00

### Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	2981	3507	4083
55°	2350	2820	3246
65°	1900	2212	2574
75°	1619	1745	2005
85°	1071	693	837

### Candela Tabulation

	0	45	90
0	1571.496	1571.496	1571.496
5	1560.200	1563.190	1567.830
15	1473.780	1508.040	1548.180
25	1311.980	1395.440	1480.000
35	1079.220	1208.970	1331.230
45	783.980	922.390	1073.840
55	501.400	601.590	692.430
65	298.700	347.680	404.590
75	155.840	167.970	192.990
85	34.730	22.450	27.140
90	1.570	1.790	1.750

### Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 20% = PF

RC RW	80%				70%				50%				30%				10%				0%			
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
0	119	119	119	119	117	117	117	117	111	111	111	107	107	107	102	102	102	102	102	102	100			
1	110	105	101	98	107	103	99	96	99	96	93	95	93	90	91	89	88	86	86	86	86			
2	101	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	73	73	73	73			
3	92	82	74	68	90	81	73	68	78	71	66	75	70	65	72	68	64	62	62	62	62			
4	85	73	65	58	82	72	64	58	69	63	57	67	61	56	65	60	56	54	54	54	54			
5	78	66	57	51	76	65	57	50	63	55	50	61	54	49	59	53	49	47	47	47	47			
6	72	59	51	45	70	58	50	44	57	49	44	55	49	44	53	48	43	41	41	41	41			
7	67	54	46	40	65	53	45	39	52	44	39	50	44	39	49	43	39	37	37	37	37			
8	63	49	41	35	61	49	41	35	47	40	35	46	40	35	45	39	35	33	33	33	33			
9	59	45	37	32	57	45	37	32	44	37	32	43	36	32	42	36	31	30	30	30	30			
10	55	42	34	29	54	41	34	29	40	34	29	40	33	29	39	33	29	27	27	27	27			

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

EFFICACY: 90 LM/W

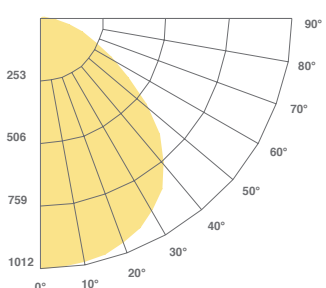
## 22-OD1V-LED-WDM-35K-18K-2400-DIM10-MVOLT-85

WATTAGE: 26.6

LUMENS: 2578

TOTAL LUMINAIRE EFFICACY: 97

### Candle Power Distribution (Candelas)



### Spacing Criteria

0-180 : 1.16  
 90-270 : 1.34  
 Diagonal : 1.34

### Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	792.01	30.80	30.70
0-40°	1292.91	50.40	50.10
0-60°	2161.37	84.20	83.80
0-90°	2578.3	100.40	100.00
0-180°	2578.3	100.40	100.00

### Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	1918	2247	2565
55°	1530	1818	2065
65°	1222	1402	1635
75°	1044	1096	1247
85°	695	404	487

### Candela Tabulation

	0	45	90
0	1011.404	1011.404	1011.404
5	1004.150	1004.960	1008.650
15	948.050	969.610	995.550
25	844.320	897.050	950.600
35	694.130	776.650	853.150
45	504.340	590.970	674.670
55	326.370	387.970	440.580
65	192.150	220.440	257.010
75	100.480	105.470	120.060
85	22.520	13.090	15.800
90	1.010	1.170	1.150

### Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 20% = PF

RC RW	80%				70%				50%				30%				10%				0%			
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
0	120	120	120	120	117	117	117	117	112	112	112	107	107	107	102	102	102	102	102	102	100			
1	110	106	102	98	107	103	100	96	99	96	93	95	93	90	92	90	88	86	86	86	86			
2	101	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	73	73	73	73			
3	92	82	74	68	90	81	73	68	78	72	66	75	70	65	72	68	64	62	62	62	62			
4	85	73	65	58	83	72	64	58	70	63	57	67	61	56	65	60	56	54	54	54	54			
5	78	66	57	51	76	65	57	50	63	55	50	61	54	49	59	53	49	47	47	47	47			
6	72	59	51	45	70	58	50	44	57	49	44	55	49	44	53	48	43	41	41	41	41			
7	67	54	46	40	65	53	45	39	52	44	39	50	44	39	49	43	39	37	37	37	37			
8	63	49	41	35	61	49	41	35	47	40	35	46	40	35	45	39	35	33	33	33	33			
9	59	45	37	32	57	45	37	32	44	37	32	43	36	32	42	36	31	30	30	30	30			
10	55	42	34	29	54	41	34	29	40	34	29	40	33	29	39	33	29	27	27	27	27			

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

EFFICACY: 97 LM/W

## ORDERING INFORMATION: 22-OD1V-LED-WDM-35K-18K-4000L-DIM10-MVOLT

22	OD1V-LED						
FIXTURE SIZE	SERIES	WARM DIM	LUMENS	DIMMING	VOLTAGE	EMERGENCY	OTHER OPTIONS
22 - 2' X 2'	OD1V-LED-Oracle Direct/Indirect Series	WDM-35K-18K	4000L - 4000 Lumens 5000L - 5000 Lumens 6000L - 6000 Lumens 8000L - 8000 Lumens	DIMTR - Triac Dimming (120V Only) DIM10 - 0-10V Dimming (Compatible with Lutron GRAFIK Eye,Vive) LUTECO - Lutron EcoSystem LUT2W - Lutron 2 Wire (120V Only) DMX-512 - Standard Controller DMX-RDM - Remote Device Management DALI - DALI Controller	120 MVOLT	0-EMG-LED* (*Only Available on Elite Platform)	22FK - Flange Kit for 2' X 2' Fixture FBF - Internal Fast Blow Fuse SBF - Internal Slow Blow Fuse RIS - Radio Interference Suppressor USA - Made in America Compliance AIR - Air Return (Consult Factory)

# 2'x4'

## LED RECESSED VOLUMETRIC SERIES

Warm Dim with Smart Dim Technology

4000 LUMENS | 5000 LUMENS | 6000 LUMENS | 8000 LUMENS

### OD1V-LED

2' X 4' LED RECESSED VOLUMETRIC (WITH FULLY ILLUMINATED LENS)



**PERFORMANCE** - The DAWN series OD1V-LED is a high-quality lay-in troffer luminaire powered by LED lighting technology which offers the highest return on initial investment over the lifetime of the fixture. OD1V-LED includes proprietary light lock system with a flat center mount high transmittance acrylic lens. An excellent highly efficient fixture ideal for office spaces, schools, hospitals, and many other indoor locations. Compatible with most industry standard T-bar grids. Operating system delivers 4000, 5000, 6000 or 8000 lumens All Warm Dim system maintain a CRI of 85+ across the dimming range of 3500K to 1800K and are binned to within 3 MacAdam ellipse. Elite's highly selective LED diodes produce zero ultraviolet and virtually no infrared light.

**PRODUCT FEATURES:**

- Ships with a Dawn series three-panel optic with a flat center channel made from high-transmission frosted acrylic
- Fits in most industry standard T-bar grids
- Dawn series door frame prevents light leaks, and minimizes dust from entering fixture
- Constructed of one-piece ribbed unitized housing and corners that interlock, preventing damage to luminaire
- Door frame is designed with cam latches and T hinges to secure frame to housing and allows for easy light engine maintenance
- Housing and door frame interface provides a superior mechanical light seal
- Post-painted with a 93% reflective white coat to improve fixture efficacy
- All sides and corners are turned in and hemmed, removing sharp edges for safe handling and installation
- LED lighting technology offers the highest return on initial investment over the lifetime of the fixture
- LED light engine is completely removable and upgradable
- Four corner tie points are standard for safety wire support when required and built-in earthquake clips standard
- Fits into standard T-bar sizes including 5/8th, 3/8th, and slot T

**OPTICS** - The OD1V-LED includes a Dawn series optics using a flat high-transmission acrylic diffusing center panel and two side panels angled toward center. The high-transmission acrylic panels have a 95% transmission and 89% haze properties which diffuse the light delivered by the LED light engines and transmit highly efficient volumetric lighting. The Dawn series optics are reinforced with a 20-gauge steel frame.

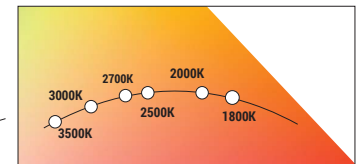
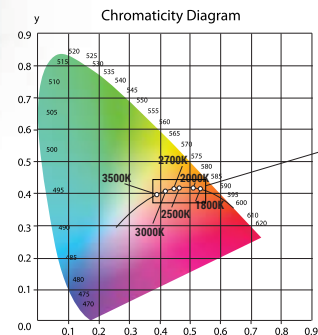
**MAINTENANCE** - LED engines and driver can be accessed through the bottom by removing hinged door frame and angled reflector. LED engines are removable and upgradable even after fixture installation. Fixture can be regularly and safely wiped down to ensure optimal fixture performance.

**OPTIONS** - Fixtures may be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Lutron, Leviton, Wattstopper, EnOcean, Enlighted, Philips and others. **Consult factory for details.**

**WARM DIM (SMART DIM) ARCHITECTURAL LIGHTING**

**SMART DIM** - Warm Dim with Smart Dim technology mimics traditional incandescent halogen lighting through dimming. Using Warm Dim, luminaires dim smoothly from 3500K to 1800K. Warm Dim shifts smoothly over the black body radiator curve as the light dims you move into the rich amber tones that encourages relaxation. It is ideal for hospitality, architectural as well as residential applications, all while maintaining high lumen output for the most stringent energy codes today's legislation requires. Warm Dim comes paired with high CRI of 85+ and superior lumen output.

**Elite Lighting's Architectural Lighting Luminaires with Black Body Technology mimic traditional Halogen dimming to help create a warm ambiance.**



Black Body Dimming Color temperature warms from 3500K - 1800K while staying on the Black Body Locus when dimming

**WARM DIM WITH SMART DIM TECHNOLOGY CAN BE SUPPLIED WITH A VARIETY OF DIMMING AND CONTROL PROTOCOLS 0-10V, DMX, DALI, OR LUTRON ECOSYSTEM AND CAN BE DIMMED DOWN TO 1% OF INITIAL LIGHT OUTPUT:**

**DIMTR** (Triac & Electronic Low Voltage Dimming in 120V only) Triac & Electronic Low Voltage dimming driver available when ordered with the following options (DIMTR-120) and only available in 120V.

**DIM10** (0-10V 1% Dimming Standard) 0-10V driver which can be dimmed down to 1% of initial light output with a 0-10V dimmer when ordered with the following options (DIM10-120, DIM10-277).

**LUTEKO** - Provided with Lutron EcoSystem driver. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems and Lutron Vive. When ordered with the following options (**LUTEKO**).

**LUT2W**- (Lutron® Hi-Lume A-Series 2-Wire Forward Phase Control 1% Dimming in 120V). When ordered with the following options (LUT2W).

**DMX** - Compatible with Digital Multiplex Controller, Available with two options: DMX-512: Standard DMX Controller and DMX-RDM: DMX Controller with Remote Device Management.

**DALI** - Compatible with Digital Addressable Lighting Interface, available with two options: TD6 and TD8.

**THERMAL MANAGEMENT** - LED light engines are attached directly to the housing which keeps the engines cool.

**QUALITY CONTROL** - Every fixture is turned on and rigorously tested by our QC Department before shipping.

**DURABILITY** - Our heavy-duty 20-gauge steel housing is engineered for maximum strength and extended life. Corners interlock to prevent aesthetic damage to the fixture. Sides and corners are uniformly turned in and hemmed to remove sharp edges for safe handling and easy installation.

**OUR WORD** - Our LED system is Life tested to ensure light output of L70 up to 110,000 hrs and L85 up to 65,000 hrs and carries a five-year carefree warranty for parts and components. (Labor not included)

**LISTING:**

c-UL-us / c-ETL-us - listed for Damp location

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.



2'x4'

# PHOTOMETRY DATA

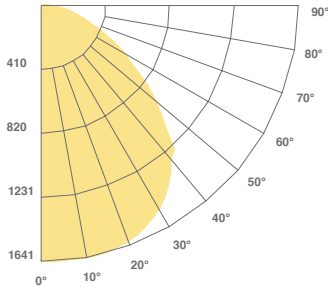
## 24-OD1V-LED-WDM-35K-18K-4000L-DIM10-MVOLT-85

WATTAGE: 47.5

LUMENS: 4192

TOTAL LUMINAIRE EFFICACY: 88

### Candle Power Distribution (Candelas)



### Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	1285.51	30.70	30.70
0-40°	2095.4	50.00	50.00
0-60°	3516.97	84.00	83.90
0-90°	4191.92	100.10	100.00
0-180°	4191.92	100.10	100.00

### Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
0°	1736	2028	2130
45°	1408	1691	1775
55°	1135	1357	1423
65°	982	1114	1154
75°	831	718	640

### Candela Tabulation

	0	45	90
0	1635.652	1635.652	1635.652
5	1630.550	1637.370	1640.910
15	1562.020	1602.700	1634.240
25	1423.460	1512.930	1565.110
35	1208.850	1340.100	1406.790
45	913.370	1066.530	1120.240
55	600.740	721.540	757.340
65	356.940	426.540	447.330
75	189.150	214.560	222.100
85	53.870	46.540	41.520
90	1.810	1.810	2.340

### Spacing Criteria

0-180	: 1.22
90-270	: 1.36
Diagonal	: 1.36

EFFICACY: 88 LM/W

### Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 20% = PF

RC RW	80%				70%				50%				30%				10%				0%			
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	100	100				
1	110	105	101	98	107	103	99	96	99	96	93	95	92	90	91	89	88	85	85	85				
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	72	72	72				
3	92	82	74	68	90	80	73	67	77	71	66	75	69	65	72	68	64	62	62	62				
4	84	73	65	58	82	72	64	58	69	62	57	67	61	56	65	60	56	53	53	53				
5	78	66	57	51	76	64	56	50	62	55	50	60	54	49	59	53	49	47	47	47				
6	72	59	51	44	70	58	50	44	56	49	44	55	48	43	53	48	43	41	41	41				
7	67	54	45	39	65	53	45	39	52	44	39	50	44	39	49	43	38	36	36	36				
8	62	49	41	35	61	49	41	35	47	40	35	46	39	35	45	39	35	33	33	33				
9	58	45	37	32	57	45	37	32	44	36	32	42	36	31	41	36	31	29	29	29				
10	55	42	34	29	53	41	34	29	40	33	29	39	33	29	38	33	28	27	27	27				

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

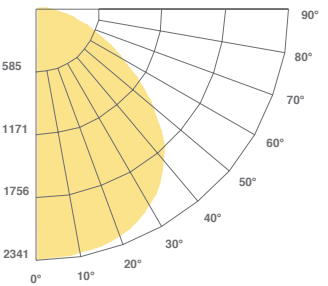
## 24-OD1V-LED-WDM-35K-18K-6000L-DIM10-MVOLT-85

WATTAGE: 68.4

LUMENS: 6052

TOTAL LUMINAIRE EFFICACY: 88

### Candle Power Distribution (Candelas)



### Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	1839.2	30.40	30.40
0-40°	3006.61	49.70	49.70
0-60°	5040.37	83.30	83.30
0-90°	6052.43	100.00	100.00
0-180°	6052.43	100.00	100.00

### Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
0°	2413	2852	3152
45°	1948	2455	2687
55°	1546	1920	2184
65°	1329	1594	1829
75°	911	1130	1366

### Candela Tabulation

	0	45	90
0	2329.621	2329.621	2329.621
5	2305.590	2311.860	2320.590
15	2201.430	2246.610	2300.250
25	2000.000	2114.330	2214.190
35	1691.190	1874.210	2020.370
45	1269.400	1500.420	1657.800
55	831.140	1047.720	1146.380
65	486.150	603.720	686.690
75	255.820	306.850	352.160
85	59.050	73.250	88.540
90	3.080	2.960	15.590

### Spacing Criteria

0-180	: 1.20
90-270	: 1.36
Diagonal	: 1.36

EFFICACY: 88 LM/W

### Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 20% = PF

RC RW	80%				70%				50%				30%				10%				0%			
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	100	100				
1	109	105	101	97	107	103	99	96	99	96	93	95	92	90	91	89	87	85	85	85				
2	100	92	86	80	98	90	85	79	87	82	78	84	80	76	81	77	74	72	72	72				
3	92	82	74	68	89	80	73	67	77	71	66	74	69	65	72	67	64	62	62	62				
4	84	73	64	58	82	71	64	57	69	62	57	67	61	56	65	59	55	53	53	53				
5	78	65	57	50	76	64	56	50	62	55	49	60	54	49	58	53	48	46	46	46				
6	72	59	50	44	70	58	50	44	56	49	43	55	48	43	53	47	43	41	41	41				
7	67	54	45	39	65	53	45	39	51	44	39	50	43	38	48	43	38	36	36	36				
8	62	49	41	35	61	48	40	35	47	40	35	46	39	34	45	39	34	32	32	32				
9	58	45	37	32	57	44	37	31	43	36	31	42	36	31	41	35	31	29	29	29				
10	55	42	34	29	53	41	34	29	40	33	28	39	33	28	38	32	28	27	27	27				

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

## ORDERING INFORMATION: 24-OD1V-LED-WDM-35K-18K-4000L-DIM10-MVOLT

24	OD1V-LED						
FIXTURE SIZE	SERIES	WARM DIM	LUMENS	DIMMING	VOLTAGE	EMERGENCY	OTHER OPTIONS
24 - 2' X 4'	OD1V-LED-Oracle Direct/Indirect Series	WDM-35K-18K	4000L - 4000 Lumens 5000L - 5000 Lumens 6000L - 6000 Lumens 8000L - 8000 Lumens	DIMTR - Triac Dimming (120V Only) DIM10 - 0-10V Dimming (Compatible with Lutron GRAFIK Eye,Vive) LUTECO - Lutron EcoSystem LUT2W - Lutron 2 Wire (120V Only) DMX-512 - Standard Controller DMX-RDM - Remote Device Management DALI - DALI Controller	120 MVOLT	0-EMG-LED* (*Only Available on Elite Platform)	24FK - Flange Kit for 2' X 4' Fixture FBF - Internal Fast Blow Fuse SBF - Internal Slow Blow Fuse RIS - Radio Interference Suppressor USA - Made in America Compliance AIR - Air Return (Consult Factory)

# 2'x2'

## LED RECESSED VOLUMETRIC SERIES

Warm Dim with Smart Dim Technology

2400  
LUMENS

3400  
LUMENS

4000  
LUMENS

5000  
LUMENS

### NV-LED

#### 2X2 LED RECESSED VOLUMETRIC LUMINAIRE



**PERFORMANCE** - The NV-LED architectural lay-in fixture meets higher efficacy codes and compliances with more than 100 LPW. NV-LED powered lighting technologies offer a higher return on investment than any other lighting technology. Operating system delivers 2400, 3400, 4000 or 5000 lumens. All Warm Dim system maintain a CRI of 85+ across the dimming range of 3500K to 1800K and are binned to within 3 MacAdam ellipse. Elite's highly selective LED diodes produce zero ultraviolet and virtually no infrared light.

**PRODUCT FEATURES:**

- Volumetric lighting lay-in fixture that fills any interior space with even, shadow-free light
- LED lighting technology offers the highest return on initial investment over the lifetime of the fixture
- LEDs are individually spaced at small intervals to eliminate any dark spots on delivered light
- LED image is unperceivable at any angle. Considered the industry best in uniformity of light
- Seamless assembly creates the impression of solid construction, eliminating unwanted shadows on reflector edges
- Four corner tie points are standard for safety wire support when required and built-in earthquake clips standard
- Fits into standard T-bar sizes including 5/8th, 3/8th, and slot T
- Same-day shipping on most options (Consult factory).

**APPLICATIONS:** The NV-LED provides a very pleasant volumetric soft light that fills any interior space, giving it a larger, brighter, and more productive ambiance. The delivered comfortable and evenly distributed light eliminates surface shadows and ensures a glare-free environment perfect for offices, schools, multipurpose rooms, hospitals and most interior spaces.

**OPTICS** - The two frosted extruded acrylic lenses of the NV-LED gather the light scattered by the LED chips and deliver highly efficient volumetric lighting to any environment. The optics help deliver a volumetric light that helps fill an entire indoor space with light giving it a larger, brighter and more productive environment. LEDs are spaced on board ideally to completely hide any LED image when fixture is installed and powered on. The lenses can be easily removed without the use of tools, making the unit upgradable and easily maintained.

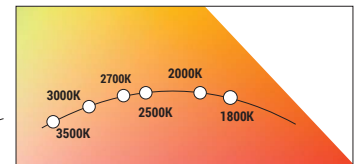
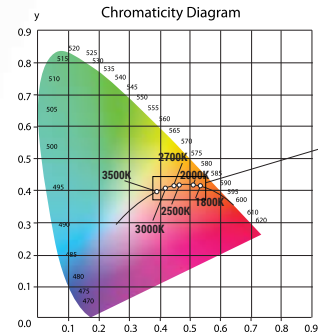
**MAINTENANCE** - LED engines and driver are completely removable and upgradable and can be accessed through the bottom by removing the lamp shields and center reflector. Fixture can be regularly and safely wiped down to ensure optimal fixture performance.

**OPTIONS** - Fixtures may be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Lutron, Leviton, Wattstopper, EnOcean, Enlighted, Philips and others. **Consult factory for details.**

#### WARM DIM (SMART DIM) ARCHITECTURAL LIGHTING

**SMART DIM** - Warm Dim with Smart Dim technology mimics traditional incandescent halogen lighting through dimming. Using Warm Dim, luminaires dim smoothly from 3500K to 1800K. Warm Dim shifts smoothly over the black body radiator curve as the light dims you move into the rich amber tones that encourages relaxation. It is ideal for hospitality, architectural as well as residential applications, all while maintaining high lumen output for the most stringent energy codes today's legislation requires. Warm Dim comes paired with high CRI of 85+ and superior lumen output.

#### Elite Lighting's Architectural Lighting Luminaires with Black Body Technology mimic traditional Halogen dimming to help create a warm ambiance.



Black Body Dimming Color temperature warms from 3500K - 1800K while staying on the Black Body Locus when dimming

**WARM DIM WITH SMART DIM TECHNOLOGY CAN BE SUPPLIED WITH A VARIETY OF DIMMING AND CONTROL PROTOCOLS 0-10V, DMX, DALI, OR LUTRON ECOSYSTEM AND CAN BE DIMMED DOWN TO 1% OF INITIAL LIGHT OUTPUT:**

**DIMTR** (Triac & Electronic Low Voltage Dimming in 120V only) Triac & Electronic Low Voltage dimming driver available when ordered with the following options (DIMTR-120) and only available in 120V.

**DIM10 (0-10V 1% Dimming Standard)** 0-10V driver which can be dimmed down to 1% of initial light output with a 0-10V dimmer when ordered with the following options (DIM10-120, DIM10-277).

**LUTECO** - Provided with Lutron EcoSystem driver. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems and Lutron Vive. When ordered with the following options (LUTECO).

**LUT2W**- (Lutron® Hi-Lume A-Series 2-Wire Forward Phase Control 1% Dimming in 120V). When ordered with the following options (LUT2W).

**DMX** - Compatible with Digital Multiplex Controller, Available with two options: DMX-512: Standard DMX Controller and DMX-RDM: DMX Controller with Remote Device Management.

**DALI** - Compatible with Digital Addressable Lighting Interface, available with two options: TD6 and TD8.

**THERMAL MANAGEMENT** - LED light engines are attached directly to the housing and keep LED engines cool.

**QUALITY CONTROL** - Every fixture is turned on and rigorously tested by our QC Department before shipping.

**DURABILITY** - Heavy-duty 18-gauge steel housing is engineered for maximum strength. Corners interlock to prevent aesthetic damage to fixture. All sides and corners are turned in and hemmed to remove sharp edges for safe handling and installation. The components of the NV-LED are designed to tight tolerances so that when fully assembled the fixture looks seamless and one solid piece. The NV-LED is post-painted with a high 93% reflective white coat to improve the overall efficacy of the fixture. The NV-LED is designed to fit into 5/8th, 3/8th, and slot T standard T-bar sizes and comes with built-in earthquake clips.

**OUR WORD** - Our LED system is Life tested to ensure light output of L70 up to 110,000 hrs and L85 up to 65,000 hrs and carries a five-year carefree warranty for parts and components. (Labor not included)

**LISTING:** c-UL-us / c-ETL-us - listed for Damp location  
All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

2'x2'

# PHOTOMETRY DATA

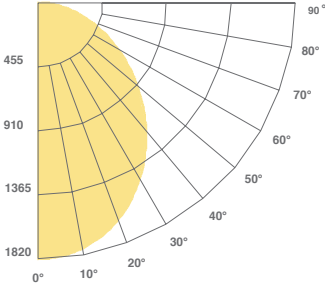
## 22-NV-LED-WDM-35K-18K-5000L-DIM10-MVOLT

WATTAGE: 52.8

LUMENS: 5124

TOTAL LUMINAIRE EFFICACY: 97

### Candle Power Distribution (Candelas)



### Spacing Criteria

0-180 : 1.18  
 90-270 : 1.32  
 Diagonal : 1.36

**EFFICACY: 97 LM/W**

### Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	1395.82	27.20	27.20
0-40°	2276.44	44.40	44.40
0-60°	4020.84	78.50	78.50
0-90°	5076.38	99.10	99.10
0-180°	5124.22	100.00	100.00

### Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
0°	29979	34423	39411
45°	26979	33269	40328
55°	23601	32570	38153
65°	19553	28748	24830
75°	13328	13741	8960

### Candela Tabulation

	0	45	90
0	1820.158	1820.158	1820.158
5	1806.380	1807.330	1809.380
15	1710.010	1731.300	1757.500
25	1533.580	1595.180	1662.800
35	1295.200	1405.800	1526.960
45	1025.060	1176.980	1347.550
55	748.280	922.730	1118.500
65	482.300	665.590	779.680
75	244.710	359.780	310.750
85	56.170	57.910	37.760
90	2.230	2.740	2.940

### Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 20% = PF

RC	80%				70%				50%				30%				10%				0%			
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	50%	30%	10%	0%	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99						
1	109	104	100	96	106	102	98	94	97	94	91	93	91	88	89	87	85	83						
2	99	91	84	78	96	89	82	77	85	80	75	81	77	73	78	75	71	69						
3	90	79	71	65	87	78	70	64	75	68	63	72	66	62	69	64	61	58						
4	82	70	62	55	80	69	61	54	66	59	54	64	58	53	62	56	52	50						
5	76	63	54	47	74	62	53	47	59	52	46	57	51	46	55	50	45	43						
6	70	57	48	41	68	56	47	41	54	46	40	52	45	40	50	44	40	38						
7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	40	35	33						
8	60	47	38	32	59	46	38	32	45	37	32	43	37	32	42	36	31	30						
9	56	43	35	29	55	42	34	29	41	34	29	40	33	29	39	33	28	27						
10	53	40	32	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24						

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

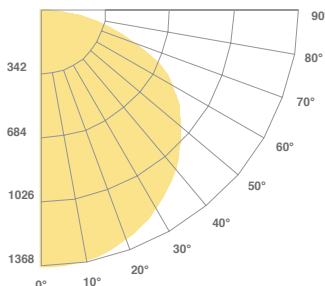
## 22-NV-LED-WDM-35K-18K-4000L-DIM10-MVOLT

WATTAGE: 43.3

LUMENS: 4098

TOTAL LUMINAIRE EFFICACY: 95

### Candle Power Distribution (Candelas)



### Spacing Criteria

0-180 : 1.34  
 90-270 : 1.24  
 Diagonal : 1.40

**EFFICACY: 95 LM/W**

### Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	1062.4	N.A.	25.90
0-40°	1747.71	N.A.	42.60
0-60°	3161.44	N.A.	77.10
0-90°	4098.5	N.A.	100.00
0-180°	4098.5	N.A.	100.00

### Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
0°	4032	3685	3279
45°	4032	3685	3279
55°	4259	3736	3088
65°	4389	3844	2820
75°	3723	3840	2404
85°	1990	2740	1675

### Candela Tabulation

	0	45	90
0	1366.797	1366.797	1366.797
5	1365.770	1364.550	1361.270
15	1335.740	1324.690	1306.260
25	1271.650	1240.240	1198.440
35	1179.500	1118.320	1045.680
45	1060.580	969.200	862.550
55	908.610	797.000	658.760
65	689.880	604.220	443.300
75	358.430	369.660	231.430
85	64.500	88.840	54.290
90	4.730	6.760	3.860

### Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 20% = PF

RC	80%				70%				50%				30%				10%				0%			
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	50%	30%	10%	0%	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100						
1	108	104	99	95	106	101	97	94	97	94	91	93	90	88	89	87	85	83						
2	98	90	83	77	96	88	81	76	84	79	74	81	76	72	78	74	71	69						
3	89	79	70	63	87	77	69	63	74	67	62	71	65	61	69	64	60	57						
4	82	69	60	53	79	68	60	53	65	58	52	63	57	52	61	55	51	49						
5	75	62	53	46	73	61	52	46	58	51	45	56	50	44	55	49	44	42						
6	69	55	46	40	67	55	46	40	53	45	39	51	44	39	49	43	39	36						
7	64	50	41	35	62	49	41	35	48	40	35	46	39	34	45	39	34	32						
8	60	46	37	31	58	45	37	31	44	36	31	42	36	31	41	35	30	29						
9	56	42	34	28	54	41	33	28	40	33	28	39	32	28	38	32	27	26						
10	52	39	31	25	51	38	30	25	37	30	25	36	30	25	35	29	25	23						

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

## ORDERING INFORMATION: 22-NV-LED-WDM-35K-18K-4000L-DIM10-MVOLT

22	NV-LED						
<b>FIXTURE SIZE</b> 22 - 2' X 2'	<b>SERIES</b> NV-LED-Oracle Volumetric LED Series	<b>WARM DIM</b> WDM-35K-18K	<b>LUMENS</b> 4000L - 4000 Lumens 5000L - 5000 Lumens 6000L - 6000 Lumens 8000L - 8000 Lumens	<b>DIMMING</b> DIMTR - Triac Dimming (120V Only) DIM10 - 0-10V Dimming (Compatible with Lutron GRAFIK Eye,Vive) LUTECO - Lutron EcoSystem LUT2W - Lutron 2 Wire (120V Only) DMX-512 - Standard Controller DMX-RDM - Remote Device Management DALI - DALI Controller	<b>VOLTAGE</b> 120 MVOLT	<b>EMERGENCY</b> 0-EMG-LED* (*Only Available on Elite Platform)	<b>OTHER OPTIONS</b> 22FK - Flange Kit for 2' X 2' Fixture FBF - Internal Fast Blow Fuse SBF - Internal Slow Blow Fuse RIS - Radio Interference Suppressor USA - Made in America Compliance AIR - Air Return (Consult Factory)

# 2'x4'

## LED RECESSED VOLUMETRIC SERIES

Warm Dim with Smart Dim Technology

4000  
LUMENS

5000  
LUMENS

6000  
LUMENS

8000  
LUMENS

### NV-LED

#### 2X4 LED RECESSED VOLUMETRIC LUMINAIRE



**PERFORMANCE** - The NV-LED architectural lay-in fixture meets higher efficacy codes and compliances with more than 100 LPW. NV-LED powered lighting technologies offer a higher return on investment than any other lighting technology. Operating system delivers 4000, 5000, 6000 or 8000 lumens. All Warm Dim system maintain a CRI of 85+ across the dimming range of 3500K to 1800K and are binned to within 3 MacAdam ellipse. Elite's highly selective LED diodes produce zero ultraviolet and virtually no infrared light.

#### PRODUCT FEATURES:

- Volumetric lighting lay-in fixture that fills any interior space with even, shadow-free light
- LED lighting technology offers the highest return on initial investment over the lifetime of the fixture
- LEDs are individually spaced at small intervals to eliminate any dark spots on delivered light
- LED image is unperceivable at any angle. Considered the industry best in uniformity of light
- Seamless assembly creates the impression of solid construction, eliminating unwanted shadows on reflector edges
- Four corner tie points are standard for safety wire support when required and built-in earthquake clips standard
- Fits into standard T-bar sizes including 5/8th, 3/8th, and slot T
- Same-day shipping on most options (Consult factory).

**APPLICATIONS:** The NV-LED provides a very pleasant volumetric soft light that fills any interior space, giving it a larger, brighter, and more productive ambiance. The delivered comfortable and evenly distributed light eliminates surface shadows and ensures a glare-free environment perfect for offices, schools, multipurpose rooms, hospitals and most interior spaces.

**OPTICS** - The two frosted extruded acrylic lenses of the NV-LED gather the light scattered by the LED chips and deliver highly efficient volumetric lighting to any environment. The optics help deliver a volumetric light that helps fill an entire indoor space with light giving it a larger, brighter and more productive environment. LEDs are spaced on board ideally to completely hide any LED image when fixture is installed and powered on. The lenses can be easily removed without the use of tools, making the unit upgradable and easily maintained.

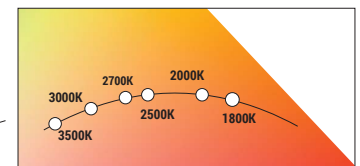
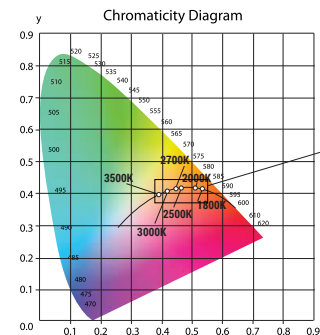
**MAINTENANCE** - LED engines and driver are completely removable and upgradable and can be accessed through the bottom by removing the lamp shields and center reflector. Fixture can be regularly and safely wiped down to ensure optimal fixture performance.

**OPTIONS** - Fixtures may be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Lutron, Leviton, Wattstopper, EnOcean, Enlighted, Philips and others. **Consult factory for details.**

#### WARM DIM (SMART DIM) ARCHITECTURAL LIGHTING

**SMART DIM** - Warm Dim with Smart Dim technology mimics traditional incandescent halogen lighting through dimming. Using Warm Dim, luminaires dim smoothly from 3500K to 1800K. Warm Dim shifts smoothly over the black body radiator curve as the light dims you move into the rich amber tones that encourages relaxation. It is ideal for hospitality, architectural as well as residential applications, all while maintaining high lumen output for the most stringent energy codes today's legislation requires. Warm Dim comes paired with high CRI of 85+ and superior lumen output.

#### Elite Lighting's Architectural Lighting Luminaires with Black Body Technology mimic traditional Halogen dimming to help create a warm ambiance.



Black Body Dimming Color temperature warms from 3500K - 1800K while staying on the Black Body Locus when dimming

#### WARM DIM WITH SMART DIM TECHNOLOGY CAN BE SUPPLIED WITH A VARIETY OF DIMMING AND CONTROL PROTOCOLS 0-10V, DMX, DALI, OR LUTRON ECOSYSTEM AND CAN BE DIMMED DOWN TO 1% OF INITIAL LIGHT OUTPUT:

**DIMTR** (Triac & Electronic Low Voltage Dimming in 120V only) Triac & Electronic Low Voltage dimming driver available when ordered with the following options (DIMTR-120) and only available in 120V.

**DIM10 (0-10V 1% Dimming Standard)** 0-10V driver which can be dimmed down to 1% of initial light output with a 0-10V dimmer when ordered with the following options (DIM10-120, DIM10-277).

**LUTEKO** - Provided with Lutron EcoSystem driver. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems and Lutron Vive. When ordered with the following options (LUTEKO).

**LUT2W-** (Lutron® Hi-Lume A-Series 2-Wire Forward Phase Control 1% Dimming in 120V). When ordered with the following options (LUT2W).

**DMX** - Compatible with Digital Multiplex Controller, Available with two options: DMX-512: Standard DMX Controller and DMX-RDM: DMX Controller with Remote Device Management.

**DALI** - Compatible with Digital Addressable Lighting Interface, available with two options: TD6 and TD8.

**THERMAL MANAGEMENT** - LED light engines are attached directly to the housing and keep LED engines cool.

**QUALITY CONTROL** - Every fixture is turned on and rigorously tested by our QC Department before shipping.

**DURABILITY** - Heavy-duty 18-gauge steel housing is engineered for maximum strength. Corners interlock to prevent aesthetic damage to fixture. All sides and corners are turned in and hemmed to remove sharp edges for safe handling and installation. The components of the NV-LED are designed to tight tolerances so that when fully assembled the fixture looks seamless and one solid piece. The NV-LED is post-painted with a high 93% reflective white coat to improve the overall efficacy of the fixture. The NV-LED is designed to fit into 5/8th, 3/8th, and slot T standard T-bar sizes and comes with built-in earthquake clips.

**OUR WORD** - Our LED system is Life tested to ensure light output of L70 up to 110,000 hrs and L85 up to 65,000 hrs and carries a five-year carefree warranty for parts and components. (Labor not included)

**LISTING:** c-UL-us / c-ETL-us - listed for Damp location

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.



2'x4'

# PHOTOMETRY DATA

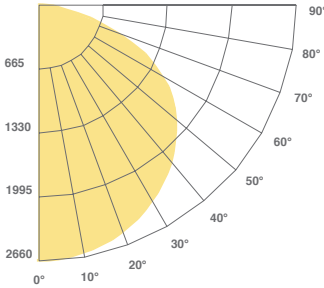
## 24-NV-LED-WDM-35K-18K-8000L-DIM10-120

WATTAGE: 78.8

LUMENS: 7967

TOTAL LUMINAIRE EFFICACY: 101

### Candle Power Distribution (Candelas)



### Spacing Criteria

0-180 : 1.34  
 90-270 : 1.24  
 Diagonal : 1.42

**EFFICACY: 101 LM/W**

### Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	2076.83	N.A.	26.10
0-40°	3423.13	N.A.	43.00
0-60°	6192.27	N.A.	77.70
0-90°	7966.63	N.A.	100.00
0-180°	7966.63	N.A.	100.00

### Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	3844	3583	3232
55°	3990	3630	3054
65°	3908	3715	2804
75°	3005	3514	2331
85°	814	1892	1394

### Candela Tabulation

	0	45	90
0	2659.546	2659.546	2659.546
5	2653.540	2651.220	2646.850
15	2587.200	2569.320	2543.520
25	2455.740	2405.880	2341.950
35	2267.610	2173.380	2054.290
45	2021.990	1884.850	1700.220
55	1702.600	1548.770	1303.030
65	1228.500	1168.130	881.410
75	578.520	676.600	448.810
85	52.800	122.640	90.390
90	6.500	7.520	4.740

### Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 20% = PF

RC RW	80%				70%				50%				30%				10%				0%			
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100			
1	109	104	99	96	106	101	98	94	97	94	91	93	91	88	90	88	86	83	80	88	86			
2	98	90	83	77	96	88	82	76	85	79	75	81	77	73	78	75	71	69	69	64	60			
3	90	79	70	64	87	77	69	63	74	68	62	71	66	61	69	64	60	58	61	56	51			
4	82	70	61	54	79	68	60	53	66	58	53	63	57	52	61	56	51	49	55	49	44			
5	75	62	53	46	73	61	52	46	59	51	45	57	50	45	55	49	44	42	50	44	39			
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7	64	50	41	35	62	50	41	35	48	40	35	47	40	35	45	39	34	32	45	39	34			
8	60	46	37	31	58	45	37	31	44	36	31	43	36	31	41	35	31	29	41	35	31			
9	56	42	34	28	54	41	34	28	40	33	28	39	33	28	38	32	28	26	38	32	28			
10	52	39	31	25	51	38	31	25	37	30	25	36	30	25	35	29	25	23	35	29	25			

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

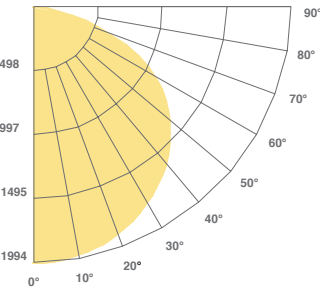
## 24-NV-LED-WDM-35K-18K-6000L-DIM10-120

WATTAGE: 58.5

LUMENS: 5967

TOTAL LUMINAIRE EFFICACY: 102

### Candle Power Distribution (Candelas)



### Spacing Criteria

0-180 : 1.34  
 90-270 : 1.24  
 Diagonal : 1.42

**EFFICACY: 102 LM/W**

### Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	1556.26	N.A.	26.10
0-40°	2564.62	N.A.	43.00
0-60°	4636.38	N.A.	77.70
0-90°	5967.24	N.A.	100.00
0-180°	5967.24	N.A.	100.00

### Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	2871	2675	2412
55°	2968	2699	2276
65°	2895	2753	2079
75°	2227	2580	1736
85°	641	1326	993

### Candela Tabulation

	0	45	90
0	1993.541	1993.541	1993.541
5	1988.340	1985.750	1983.980
15	1940.020	1924.600	1905.220
25	1841.090	1801.750	1752.570
35	1697.880	1625.220	1535.350
45	1510.400	1407.010	1268.530
55	1266.610	1151.840	971.120
65	910.140	865.540	653.680
75	428.870	496.760	334.160
85	41.530	85.960	64.360
90	4.440	4.650	3.170

### Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 20% = PF

RC RW	80%				70%				50%				30%				10%				0%			
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100			
1	109	104	99	96	106	101	98	94	97	94	91	93	91	88	90	88	86	83	80	88	86			
2	98	90	83	77	96	88	82	76	85	79	75	81	77	73	78	75	71	69	69	64	60			
3	90	79	70	64	87	77	69	63	74	68	62	71	66	61	69	64	60	58	61	56	51			
4	82	70	61	54	79	68	60	53	66	58	53	63	57	52	61	56	51	49	55	49	44			
5	75	62	53	46	73	61	52	46	59	51	45	57	50	45	55	49	44	42	50	44	39			
6	69	56	47	40	67	55	46	40	53	45	39	51	44	39	50	44	39	37	48	42	37			
7	64	50	41	35	62	50	41	35	48	40	35	47	40	35	45	39	34	32	45	39	34			
8	60	46	37	31	58	45	37	31	44	36	31	43	36	31	41	35	31	29	41	35	31			
9	56	42	34	28	54	41	34	28	40	33	28	39	33	28	38	32	28	26	38	32	28			
10	52	39	31	25	51	38	31	25	37	30	25	36	30	25	35	29	25	23	35	29	25			

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

## ORDERING INFORMATION: 24-NV-LED-WDM-35K-18K-4000L-DIM10-MVOLT

24	NV-LED						
<b>FIXTURE SIZE</b> 24 - 2' X 4'	<b>SERIES</b> NV-LED-Oracle Volumetric LED Series	<b>WARM DIM</b> WDM-35K-18K	<b>LUMENS</b> 4000L - 4000 Lumens 5000L - 5000 Lumens 6000L - 6000 Lumens 8000L - 8000 Lumens	<b>DIMMING</b> DIMTR - Triac Dimming (120V Only) DIM10 - 0-10V Dimming (Compatible with Lutron GRAFIK Eye,Vive) LUTECO - Lutron EcoSystem LUT2W - Lutron 2 Wire (120V Only) DMX-512 - Standard Controller DMX-RDM - Remote Device Management DALI - DALI Controller	<b>VOLTAGE</b> 120 MVOLT	<b>EMERGENCY</b> 0-EMG-LED* (*Only Available on Elite Platform)	<b>OTHER OPTIONS</b> 24FK - Flange Kit for 2' X 4' Fixture FBF - Internal Fast Blow Fuse SBF - Internal Slow Blow Fuse RIS - Radio Interference Suppressor USA - Made in America Compliance AIR - Air Return (Consult Factory)

# 2'x2'

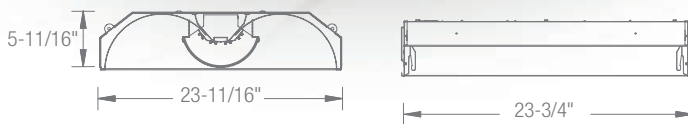
## LED RECESSED VOLUMETRIC SERIES

Warm Dim with Smart Dim Technology

2400 LUMENS	3400 LUMENS	4000 LUMENS	5000 LUMENS
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### ODVH-LED

#### 2X2 LED RECESSED VOLUMETRIC LUMINAIRE



**PERFORMANCE** - The ODVH-LED provides a very pleasant volumetric soft light that fills any interior space, giving it a larger, brighter, and more productive ambiance. The delivered comfortable and evenly distributed light eliminates surface shadows and ensures a glare-free environment perfect for offices, schools, multipurpose rooms, hospitals and most interior spaces. Operating system delivers 2400, 3400, 4000 or 5000 lumens. All Warm Dim system maintain a CRI of 85+ across the dimming range of 3500K to 1800K and are binned to within 3 MacAdam ellipse. Elite's highly selective LED diodes produce zero ultraviolet and virtually no infrared light.

#### PRODUCT FEATURES:

- Highly efficient linear prismatic extruded acrylic frosted lens delivers volumetric illumination
- Reflected light from engineered white sloping interior fixture reflectors provide a secondary wide beam distribution angle to deliver exceptionally high total fixture efficiency performance
- Post-painted with a 93% reflective white coat to improve fixture efficacy
- LED lighting technology offers the highest return on initial investment over the lifetime of the fixture
- Dimmable down to 1% with compatible dimming systems
- LEDs are individually spaced at small intervals to eliminate any dark spots when combined with our diffusers
- LED light engine is completely removable and upgradable
- Wipe-down clean design makes the ODVH-LED easy to maintain
- All sides and corners are turned in and hemmed, removing sharp edges for safe handling and installation
- Four corner tie points are standard for safety wire support when required and built-in earthquake clips standard
- Fits into standard T-bar sizes including 5/8th, 3/8th, and slot T

**OPTICS** - The enclosed linear prismatic extruded acrylic lens of the ODVH-LED gathers light scattered by the LED chips and delivers highly efficient volumetric lighting to any interior location, including commercial, residential, educational, and professional environments

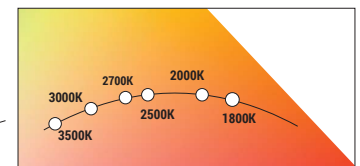
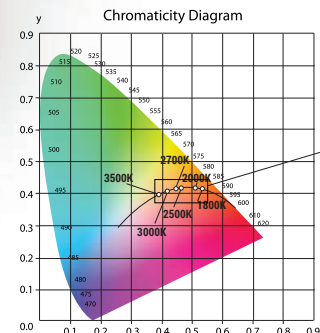
**MAINTENANCE** - LED engines and driver are completely removable and upgradable and can be accessed through the bottom by removing the lamp shields and center reflector. Fixture can be regularly and safely wiped down to ensure optimal fixture performance.

**OPTIONS** - Fixtures may be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Lutron, Leviton, Wattstopper, EnOcean, Enlighted, Philips and others. **Consult factory for details.**

#### WARM DIM (SMART DIM) ARCHITECTURAL LIGHTING

**SMART DIM** - Warm Dim with Smart Dim technology mimics traditional incandescent halogen lighting through dimming. Using Warm Dim, luminaires dim smoothly from 3500K to 1800K. Warm Dim shifts smoothly over the black body radiator curve as the light dims you move into the rich amber tones that encourages relaxation. It is ideal for hospitality, architectural as well as residential applications, all while maintaining high lumen output for the most stringent energy codes today's legislation requires. Warm Dim comes paired with high CRI of 85+ and superior lumen output.

Elite Lighting's Architectural Lighting Luminaires with Black Body Technology mimic traditional Halogen dimming to help create a warm ambiance.



Black Body Dimming Color temperature warms from 3500K - 1800K while staying on the Black Body Locus when dimming

WARM DIM WITH SMART DIM TECHNOLOGY CAN BE SUPPLIED WITH A VARIETY OF DIMMING AND CONTROL PROTOCOLS 0-10V, DMX, DALI, OR LUTRON ECOSYSTEM AND CAN BE DIMMED DOWN TO 1% OF INITIAL LIGHT OUTPUT:

**DIMTR** (Triac & Electronic Low Voltage Dimming in 120V only) Triac & Electronic Low Voltage dimming driver available when ordered with the following options (DIMTR-120) and only available in 120V.

**DIM10 (0-10V 1% Dimming Standard)** 0-10V driver which can be dimmed down to 1% of initial light output with a 0-10V dimmer when ordered with the following options (DIM10-120, DIM10-277).

**LUTEKO** - Provided with Lutron EcoSystem driver. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems and Lutron Vive. When ordered with the following options (LUTEKO).

**LUT2W-** (Lutron® Hi-Lume A-Series 2-Wire Forward Phase Control 1% Dimming in 120V). When ordered with the following options (LUT2W).

**DMX** - Compatible with Digital Multiplex Controller, Available with two options: DMX-512: Standard DMX Controller and DMX-RDM: DMX Controller with Remote Device Management.

**DALI** - Compatible with Digital Addressable Lighting Interface, available with two options: TD6 and TD8.

**QUALITY CONTROL** - Every fixture is turned on and rigorously tested by our QC Department before shipping.

**THERMAL MANAGEMENT** - LED light engines are attached directly to the housing and keep LED engines cool.

**DURABILITY** - Heavy-duty 20-gauge steel housing is engineered for maximum strength. Corners interlock to prevent aesthetic damage to fixture. All sides and corners are turned in and hemmed to remove sharp edges for safe handling and installation. The ODVH-LED is post-painted with a high 93% reflective white coat to improve the overall efficacy of the fixture.

**OUR WORD** - Our LED system is Life tested to ensure light output of L70 up to 110,000 hrs and L85 up to 65,000 hrs and carries a five-year carefree warranty for parts and components. (Labor not included)

**LISTING:** c-UL-us / c-ETL-us - listed for Damp location

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

2'x2'

# PHOTOMETRY DATA

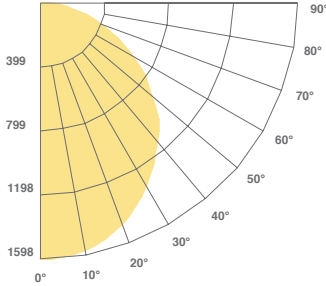
## 22-ODVH-TWH-LED-5000L-40K

WATTAGE: 59.2

LUMENS: 5016

TOTAL LUMINAIRE EFFICACY: 85

### Candle Power Distribution (Candelas)



### Spacing Criteria

0-180 : 1.24  
 90-270 : 1.32  
 Diagonal : 1.40

**EFFICACY: 85 LM/W**

### Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	1244.58	24.80	24.80
0-40°	2049.31	40.90	40.90
0-60°	3716.56	74.10	74.10
0-90°	5015.68	100.00	100.00
0-180°	5015.68	100.00	100.00

### Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	2364	2512	2728
55°	2229	2545	2865
65°	2034	2568	3081
75°	1755	2693	3498
85°	1109	2808	3945

### Candela Tabulation

	0	45	90
0	1597.526	1597.526	1597.526
5	1590.650	1588.600	1589.010
15	1525.130	1531.680	1541.510
25	1399.000	1423.450	1456.230
35	1223.150	1276.000	1340.460
45	1032.280	1096.570	1191.210
55	789.480	901.390	1014.500
65	530.750	670.100	803.870
75	280.540	430.300	559.000
85	59.670	151.130	212.290
90	4.810	5.140	7.840

### Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 20% = PF

RC RW	80%				70%				50%				30%				10%				0%			
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	100	100	100	100		
1	108	102	98	94	105	100	96	92	96	92	89	92	89	86	88	86	84	82	82	82	82	82		
2	97	88	81	75	95	86	80	74	83	77	72	80	75	71	76	72	69	67	67	67	67	67		
3	88	77	68	62	86	76	67	61	72	66	60	70	64	59	67	62	58	55	55	55	55	55		
4	81	68	59	52	78	67	58	51	64	57	51	62	55	50	59	54	49	47	47	47	47	47		
5	74	61	51	44	72	59	51	44	57	49	43	55	48	43	53	47	42	40	40	40	40	40		
6	68	54	45	38	66	53	45	38	52	44	38	50	43	37	48	42	37	35	35	35	35	35		
7	63	49	40	34	61	48	40	34	47	39	33	45	38	33	44	38	33	31	31	31	31	31		
8	59	45	36	30	57	44	36	30	43	35	30	41	35	30	40	34	29	27	27	27	27	27		
9	55	41	33	27	53	40	32	27	39	32	27	38	31	27	37	31	26	25	25	25	25	25		
10	51	38	30	24	50	37	30	24	36	29	24	35	29	24	34	28	24	22	22	22	22	22		

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

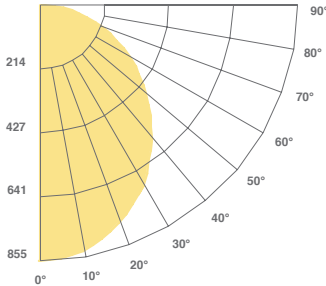
## 22-ODVH-LED-TWH-2400L-DIM10-120-40K

WATTAGE: 28.4

LUMENS: 2572

TOTAL LUMINAIRE EFFICACY: 91

### Candle Power Distribution (Candelas)



### Spacing Criteria

0-180 : 1.32  
 90-270 : 1.20  
 Diagonal : 1.40

**EFFICACY: 91 LM/W**

### Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	662.36	N.A.	25.80
0-40°	1086.47	N.A.	42.20
0-60°	1945.64	N.A.	75.60
0-90°	2571.94	N.A.	100.00
0-180°	2571.94	N.A.	100.00

### Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	2418	2163	1920
55°	2508	2142	1787
65°	2635	2157	1638
75°	2932	2227	1478
85°	3244	2357	1067

### Candela Tabulation

	0	45	90
0	854.36	854.36	854.36
5	850.32	848.90	847.96
15	826.29	814.84	805.00
25	782.39	752.78	727.59
35	718.28	672.20	623.76
45	635.94	568.82	504.97
55	535.06	456.94	381.26
65	414.19	339.04	257.44
75	282.24	214.39	142.31
85	105.17	76.41	34.60
90	1.55	1.86	2.03

### Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 20% = PF

RC RW	80%				70%				50%				30%				10%				0%			
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	100	100	100	100		
1	108	103	98	94	105	101	96	93	96	93	90	92	90	87	89	86	84	82	82	82	82	82		
2	98	89	82	76	95	87	81	75	84	78	73	80	76	71	77	73	70	68	68	68	68	68		
3	89	78	69	63	86	76	68	62	73	66	61	70	65	60	68	63	59	56	56	56	56	56		
4	81	69	60	53	79	67	59	52	65	57	52	62	56	51	60	55	50	48	48	48	48	48		
5	75	61	52	45	72	60	51	45	58	50	44	56	49	44	54	48	43	41	41	41	41	41		
6	69	55	46	39	67	54	45	39	52	45	39	51	44	38	49	43	38	36	36	36	36	36		
7	64	50	41	35	62	49	41	34	47	40	34	46	39	34	45	38	34	32	32	32	32	32		
8	59	45	37	31	58	45	36	31	43	36	31	42	35	30	41	35	30	28	28	28	28	28		
9	55	42	33	28	54	41	33	28	40	33	27	39	32	27	38	32	27	25	25	25	25	25		
10	52	38	30	25	51	38	30	25	37	30	25	36	29	25	35	29	25	23	23	23	23	23		

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

## ORDERING INFORMATION: 22-ODVH-LED-WDM-35K-18K-4000L-DIM10-MVOLT

<b>22</b>	<b>ODVH-LED</b>						
<b>FIXTURE SIZE</b> 22 - 2' X 2'	<b>SERIES</b> ODVH-LED-Oracle Volumetric Series	<b>WARM DIM</b> WDM-35K-18K	<b>LUMENS</b> 4000L - 4000 Lumens 5000L - 5000 Lumens 6000L - 6000 Lumens 8000L - 8000 Lumens	<b>DIMMING</b> DIMTR - Triac Dimming (120V Only) DIM10 - 0-10V Dimming (Compatible with Lutron GRAFIK Eye,Vive) LUTECO - Lutron EcoSystem LUT2W - Lutron 2 Wire (120V Only) DMX-512 - Standard Controller DMX-RDM - Remote Device Management DALI - DALI Controller	<b>VOLTAGE</b> 120 MVOLT	<b>EMERGENCY</b> 0-EMG-LED* (*Only Available on Elite Platform)	<b>OTHER OPTIONS</b> 22FK - Flange Kit for 2' X 2' Fixture FBF - Internal Fast Blow Fuse SBF - Internal Slow Blow Fuse RIS - Radio Interference Suppressor USA - Made in America Compliance AIR - Air Return (Consult Factory)

2'x4'

# LED RECESSED VOLUMETRIC SERIES

Warm Dim with Smart Dim Technology

4000 LUMENS | 5000 LUMENS | 6000 LUMENS | 8000 LUMENS

## ODVH-LED

### 2X4 LED RECESSED VOLUMETRIC LUMINAIRE



**PERFORMANCE** - The ODVH-LED provides a very pleasant volumetric soft light that fills any interior space, giving it a larger, brighter, and more productive ambiance. The delivered comfortable and evenly distributed light eliminates surface shadows and ensures a glare-free environment perfect for offices, schools, multipurpose rooms, hospitals and most interior spaces. Operating system delivers 4000, 5000, 6000 or 8000 lumens. All Warm Dim system maintain a CRI of 85+ across the dimming range of 3500K to 1800K and are binned to within 3 MacAdam ellipse. Elite's highly selective LED diodes produce zero ultraviolet and virtually no infrared light.

#### PRODUCT FEATURES:

- Highly efficient linear prismatic extruded acrylic frosted lens delivers volumetric illumination
- Reflected light from engineered white sloping interior fixture reflectors provide a secondary wide beam distribution angle to deliver exceptionally high total fixture efficiency performance
- Post-painted with a 93% reflective white coat to improve fixture efficacy
- LED lighting technology offers the highest return on initial investment over the lifetime of the fixture
- Dimmable down to 1% with compatible dimming systems
- LEDs are individually spaced at small intervals to eliminate any dark spots when combined with our diffusers
- LED light engine is completely removable and upgradable
- Wipe-down clean design makes the ODVH-LED easy to maintain
- All sides and corners are turned in and hemmed, removing sharp edges for safe handling and installation
- Four corner tie points are standard for safety wire support when required and built-in earthquake clips standard
- Fits into standard T-bar sizes including 5/8th, 3/8th, and slot T

**OPTICS** - The enclosed linear prismatic extruded acrylic lens of the ODVH-LED gathers light scattered by the LED chips and delivers highly efficient volumetric lighting to any interior location, including commercial, residential, educational, and professional environments

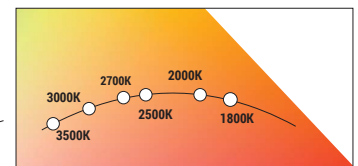
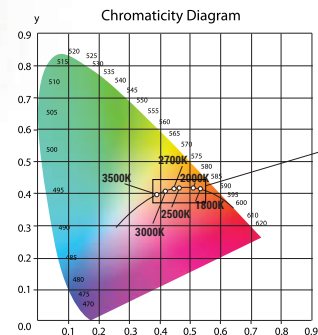
**MAINTENANCE** - LED engines and driver are completely removable and upgradable and can be accessed through the bottom by removing the lamp shields and center reflector. Fixture can be regularly and safely wiped down to ensure optimal fixture performance.

**OPTIONS** - Fixtures may be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Lutron, Leviton, Wattstopper, EnOcean, Enlighted, Philips and others. **Consult factory for details.**

#### WARM DIM (SMART DIM) ARCHITECTURAL LIGHTING

**SMART DIM** - Warm Dim with Smart Dim technology mimics traditional incandescent halogen lighting through dimming. Using Warm Dim, luminaires dim smoothly from 3500K to 1800K. Warm Dim shifts smoothly over the black body radiator curve as the light dims you move into the rich amber tones that encourages relaxation. It is ideal for hospitality, architectural as well as residential applications, all while maintaining high lumen output for the most stringent energy codes today's legislation requires. Warm Dim comes paired with high CRI of 85+ and superior lumen output.

Elite Lighting's Architectural Lighting Luminaires with Black Body Technology mimic traditional Halogen dimming to help create a warm ambiance.



Black Body Dimming Color temperature warms from 3500K - 1800K while staying on the Black Body Locus when dimming

**WARM DIM WITH SMART DIM TECHNOLOGY CAN BE SUPPLIED WITH A VARIETY OF DIMMING AND CONTROL PROTOCOLS 0-10V, DMX, DALI, OR LUTRON ECOSYSTEM AND CAN BE DIMMED DOWN TO 1% OF INITIAL LIGHT OUTPUT:**

**DIMTR** (Triac & Electronic Low Voltage Dimming in 120V only) Triac & Electronic Low Voltage dimming driver available when ordered with the following options (DIMTR-120) and only available in 120V.

**DIM10** (0-10V 1% Dimming Standard) 0-10V driver which can be dimmed down to 1% of initial light output with a 0-10V dimmer when ordered with the following options (DIM10-120, DIM10-277).

**LUTECO** - Provided with Lutron EcoSystem driver. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems and Lutron Vive. When ordered with the following options (LUTECO).

**LUT2W** (Lutron® Hi-Lume A-Series 2-Wire Forward Phase Control 1% Dimming in 120V). When ordered with the following options (LUT2W).

**DMX** - Compatible with Digital Multiplex Controller, Available with two options: DMX-512: Standard DMX Controller and DMX-RDM: DMX Controller with Remote Device Management.

**DALI** - Compatible with Digital Addressable Lighting Interface, available with two options: TD6 and TD8.

**QUALITY CONTROL** - Every fixture is turned on and rigorously tested by our QC Department before shipping.

**THERMAL MANAGEMENT** - LED light engines are attached directly to the housing and keep LED engines cool.

**DURABILITY** - Heavy-duty 20-gauge steel housing is engineered for maximum strength. Corners interlock to prevent aesthetic damage to fixture. All sides and corners are turned in and hemmed to remove sharp edges for safe handling and installation. The ODVH-LED is post-painted with a high 93% reflective white coat to improve the overall efficacy of the fixture.

**OUR WORD** - Our LED system is Life tested to ensure light output of L70 up to 110,000 hrs and L85 up to 65,000 hrs and carries a five-year carefree warranty for parts and components. (Labor not included)

**LISTING:** c-UL-us / c-ETL-us - listed for Damp location

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.



2'x4'

# PHOTOMETRY DATA

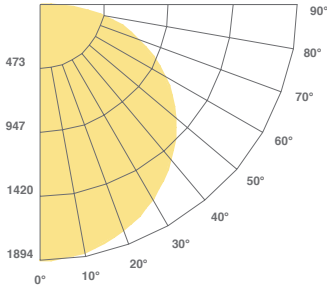
## 24-ODVH-LED-WDM-35K-18K-6000L-DIM10-120

WATTAGE: 60.5

LUMENS: 5855

TOTAL LUMINAIRE EFFICACY: 97

### Candle Power Distribution (Candelas)



### Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	1473.46	N.A.	25.20
0-40°	2422.99	N.A.	41.40
0-60°	4372.27	N.A.	74.70
0-90°	5854.83	N.A.	100.00
0-180°	5854.83	N.A.	100.00

### Luminance Data (cd/sq.m)

Angle In Degrees	Average		
	0°	45°	90°
45°	2673	2464	2234
55°	2778	2479	2107
65°	2917	2542	1969
75°	3239	2673	1808
85°	3704	3212	1426

### Candela Tabulation

	0	45	90
0	1893.883	1893.883	1893.883
5	1886.154	1883.596	1882.608
15	1828.944	1814.186	1802.122
25	1727.752	1685.986	1647.339
35	1585.626	1508.926	1431.383
45	1405.976	1296.329	1174.898
55	1185.392	1057.670	898.976
65	917.051	799.240	618.946
75	623.709	514.727	348.161
85	240.146	208.229	92.466
90	4.794	4.441	3.973

### Coefficients of Utilization - Zonal Cavity Method Effective Floor Cavity Reflectance 20% = PF

RC RW	80%				70%				50%				30%				10%		0%	
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	108	103	98	94	105	100	96	92	96	92	89	92	89	87	88	86	84	82		
2	97	89	81	75	95	87	80	74	83	77	73	80	75	71	77	73	69	67		
3	88	77	69	62	86	76	68	61	73	66	60	70	64	59	67	62	58	56		
4	81	68	59	52	78	67	58	52	64	57	51	62	55	50	60	54	49	47		
5	74	61	51	45	72	60	51	44	57	50	44	55	49	43	54	48	43	41		
6	68	55	45	39	66	54	45	39	52	44	38	50	43	38	48	42	37	35		
7	63	49	40	34	62	49	40	34	47	39	34	46	39	33	44	38	33	31		
8	59	45	36	30	57	44	36	30	43	35	30	42	35	30	41	34	30	28		
9	55	41	33	27	54	41	33	27	40	32	27	38	32	27	37	31	27	25		
10	52	38	30	25	50	38	30	25	37	29	24	36	29	24	35	29	24	22		

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

### Spacing Criteria

0-180	: 1.32
90-270	: 1.22
Diagonal	: 1.40

EFFICACY: 97 LM/W

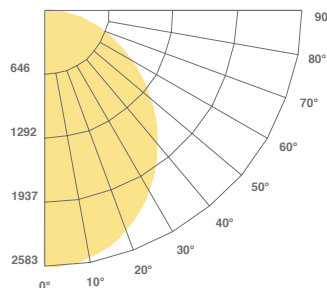
## 24-ODVH-LED-WDM-35K-18K-8000L

WATTAGE: 80.7

LUMENS: 7929

TOTAL LUMINAIRE EFFICACY: 98

### Candle Power Distribution (Candelas)



### Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	1993.83	25.10	25.10
0-40°	3271.33	41.30	41.30
0-60°	5880.98	74.20	74.20
0-90°	7929.47	100.00	100.00
0-180°	7929.47	100.00	100.00

### Luminance Data (cd/sq.m)

Angle In Degrees	Average		
	0°	45°	90°
45°	2945	3367	3754
55°	2719	3385	3996
65°	2504	3515	4373
75°	2273	3778	4555
85°	1919	3301	3860

### Candela Tabulation

	0	45	90
0	2570.438	2570.438	2570.438
5	2570.090	2570.730	2569.100
15	2453.640	2482.840	2509.310
25	2229.800	2308.060	2382.650
35	1918.390	2065.710	2202.470
45	1549.230	1771.330	1974.690
55	1160.110	1444.530	1704.880
65	787.360	1105.090	1374.930
75	437.570	727.370	876.930
85	124.430	214.040	250.280
90	5.360	5.400	5.290

### Coefficients of Utilization - Zonal Cavity Method Effective Floor Cavity Reflectance 20% = PF

RC RW	80%				70%				50%				30%				10%		0%	
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	108	102	98	93	105	100	96	92	96	92	89	92	89	86	88	86	84	81		
2	97	88	81	75	95	87	80	74	83	77	73	80	75	71	76	73	69	67		
3	88	77	69	62	86	76	68	61	73	66	60	70	64	59	67	62	58	56		
4	81	68	59	52	78	67	58	51	64	57	51	62	55	50	60	54	49	47		
5	74	61	51	45	72	59	51	44	57	50	44	55	48	43	53	47	43	41		
6	68	54	45	39	66	54	45	39	52	44	38	50	43	38	48	42	37	35		
7	63	49	40	34	62	49	40	34	47	39	34	46	39	33	44	38	33	31		
8	59	45	36	30	57	44	36	30	43	35	30	42	35	30	40	34	30	28		
9	55	41	33	27	54	41	33	27	40	32	27	38	32	27	37	31	27	25		
10	52	38	30	25	50	38	30	24	36	29	24	36	29	24	35	29	24	22		

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

### Spacing Criteria

0-180	: 1.22
90-270	: 1.34
Diagonal	: 1.40

EFFICACY: 98 LM/W

## ORDERING INFORMATION: 24-ODVH-LED-WDM-35K-18K-4000L-DIM10-MVOLT

24	ODVH-LED						
<b>FIXTURE SIZE</b> 24 - 2' X 4'	<b>SERIES</b> ODVH-LED-Oracle Volumetric LED Series	<b>WARM DIM</b> WDM-35K-18K	<b>LUMENS</b> 4000L - 4000 Lumens 5000L - 5000 Lumens 6000L - 6000 Lumens 8000L - 8000 Lumens	<b>DIMMING</b> DIMTR - Triac Dimming (120V Only) DIM10 - 0-10V Dimming (Compatible with Lutron GRAFIK Eye,Vive) LUTEKO - Lutron EcoSystem LUT2W - Lutron 2 Wire (120V Only) DMX-512 - Standard Controller DMX-RDM - Remote Device Management DALI - DALI Controller	<b>VOLTAGE</b> 120 MVOLT	<b>EMERGENCY</b> 0-EMG-LED* (*Only Available on Elite Platform)	<b>OTHER OPTIONS</b> 24FK - Flange Kit for 2' X 4' Fixture FBF - Internal Fast Blow Fuse SBF - Internal Slow Blow Fuse RIS - Radio Interference Suppressor USA - Made in America Compliance AIR - Air Return (Consult Factory) <b>WALL BOX CONTROL PROVIDED BY ELITE</b> EC-WC-TWH-HW-MVOLT

Hard Wired Wall-Mount Controller to Controls CCT Tuning and Intensity. (Order with DIM10 Option) Available on Elite, Lumenix Platforms.

1'x4'

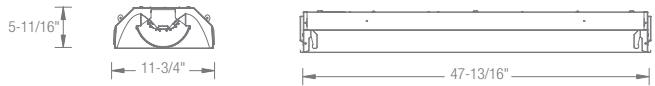
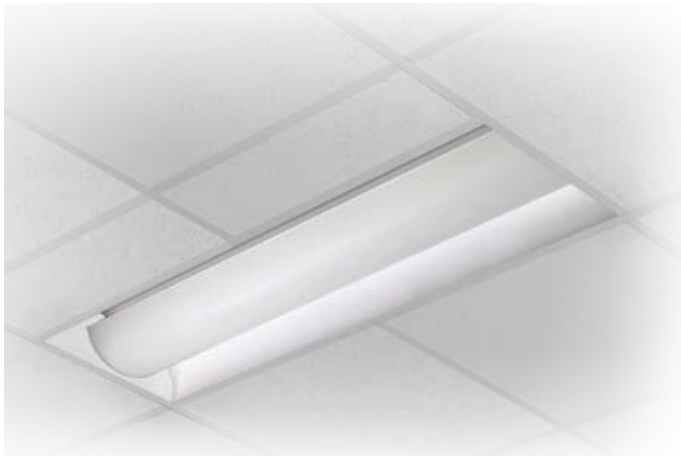
# LED RECESSED VOLUMETRIC SERIES

Warm Dim with Smart Dim Technology

## ODVH-LED

### 1X4 LED RECESSED VOLUMETRIC LUMINAIRE

2400 LUMENS	3400 LUMENS	4000 LUMENS	5000 LUMENS
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**PERFORMANCE** - The ODVH-LED provides a very pleasant volumetric soft light that fills any interior space, giving it a larger, brighter, and more productive ambiance. The delivered comfortable and evenly distributed light eliminates surface shadows and ensures a glare-free environment perfect for offices, schools, multipurpose rooms, hospitals and most interior spaces. Operating system delivers 2400, 3400, 4000 or 5000 lumens. All Warm Dim system maintain a CRI of 85+ across the dimming range of 3500K to 1800K and are binned to within 3 MacAdam ellipse. Elite's highly selective LED diodes produce zero ultraviolet and virtually no infrared light.

#### PRODUCT FEATURES:

- Highly efficient linear prismatic extruded acrylic frosted lens delivers volumetric illumination
- Reflected light from engineered white sloping interior fixture reflectors provide a secondary wide beam distribution angle to deliver exceptionally high total fixture efficiency performance
- Post-painted with a 93% reflective white coat to improve fixture efficacy
- LED lighting technology offers the highest return on initial investment over the lifetime of the fixture
- Dimmable down to 1% with compatible dimming systems
- LEDs are individually spaced at small intervals to eliminate any dark spots when combined with our diffusers
- LED light engine is completely removable and upgradable
- Wipe-down clean design makes the ODVH-LED easy to maintain
- All sides and corners are turned in and hemmed, removing sharp edges for safe handling and installation
- Four corner tie points are standard for safety wire support when required and built-in earthquake clips standard
- Fits into standard T-bar sizes including 5/8th, 3/8th, and slot T

**OPTICS** - The enclosed linear prismatic extruded acrylic lens of the ODVH-LED gathers light scattered by the LED chips and delivers highly efficient volumetric lighting to any interior location, including commercial, residential, educational, and professional environments

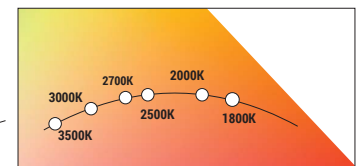
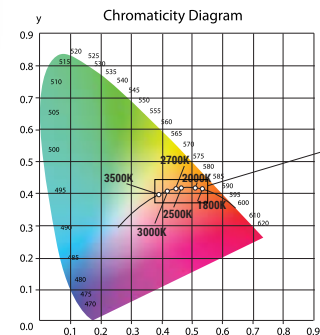
**MAINTENANCE** - LED engines and driver are completely removable and upgradable and can be accessed through the bottom by removing the lamp shields and center reflector. Fixture can be regularly and safely wiped down to ensure optimal fixture performance.

**OPTIONS** - Fixtures may be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Lutron, Leviton, Wattstopper, EnOcean, Enlighted, Philips and others. **Consult factory for details.**

#### WARM DIM (SMART DIM) ARCHITECTURAL LIGHTING

**SMART DIM** - Warm Dim with Smart Dim technology mimics traditional incandescent halogen lighting through dimming. Using Warm Dim, luminaires dim smoothly from 3500K to 1800K. Warm Dim shifts smoothly over the black body radiator curve as the light dims you move into the rich amber tones that encourages relaxation. It is ideal for hospitality, architectural as well as residential applications, all while maintaining high lumen output for the most stringent energy codes today's legislation requires. Warm Dim comes paired with high CRI of 85+ and superior lumen output.

#### Elite Lighting's Architectural Lighting Luminaires with Black Body Technology mimic traditional Halogen dimming to help create a warm ambiance.



Black Body Dimming Color temperature warms from 3500K - 1800K while staying on the Black Body Locus when dimming

#### WARM DIM WITH SMART DIM TECHNOLOGY CAN BE SUPPLIED WITH A VARIETY OF DIMMING AND CONTROL PROTOCOLS 0-10V, DMX, DALI, OR LUTRON ECOSYSTEM AND CAN BE DIMMED DOWN TO 1% OF INITIAL LIGHT OUTPUT:

**DIMTR** (Triac & Electronic Low Voltage Dimming in 120V only) Triac & Electronic Low Voltage dimming driver available when ordered with the following options (DIMTR-120) and only available in 120V.

**DIM10** (0-10V 1% Dimming Standard) 0-10V driver which can be dimmed down to 1% of initial light output with a 0-10V dimmer when ordered with the following options (DIM10-120, DIM10-277).

**LUTEKO** - Provided with Lutron EcoSystem driver. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems and Lutron Vive. When ordered with the following options (LUTEKO).

**LUT2W** (Lutron® Hi-Lume A-Series 2-Wire Forward Phase Control 1% Dimming in 120V). When ordered with the following options (LUT2W).

**DMX** - Compatible with Digital Multiplex Controller, Available with two options: DMX-512: Standard DMX Controller and DMX-RDM: DMX Controller with Remote Device Management.

**DALI** - Compatible with Digital Addressable Lighting Interface, available with two options: TD6 and TD8.

**QUALITY CONTROL** - Every fixture is turned on and rigorously tested by our QC Department before shipping.

**THERMAL MANAGEMENT** - LED light engines are attached directly to the housing and keep LED engines cool.

**DURABILITY** - Heavy-duty 20-gauge steel housing is engineered for maximum strength. Corners interlock to prevent aesthetic damage to fixture. All sides and corners are turned in and hemmed to remove sharp edges for safe handling and installation. The ODVH-LED is post-painted with a high 93% reflective white coat to improve the overall efficacy of the fixture.

**OUR WORD** - Our LED system is Life tested to ensure light output of L70 up to 110,000 hrs and L85 up to 65,000 hrs and carries a five-year carefree warranty for parts and components. (Labor not included)

**LISTING:** c-UL-us / c-ETL-us - listed for Damp location

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

1'x4'

PHOTOMETRY DATA

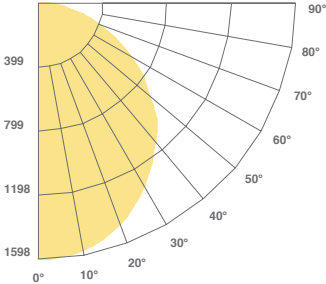
14-ODVH-LED-5000L-WDM-35K-18K-DIM10-MVOLT

WATTAGE: 59.2W

LUMENS: 5016

TOTAL LUMINAIRE EFFICACY: 85

Candle Power Distribution (Candelas)



Spacing Criteria

0-180 : 1.24
90-270 : 1.32
Diagonal : 1.40

Zonal Lumens Summary

Table with columns: Zone, Lumens, %Lamp, %Fixt. Rows include 0-30, 0-40, 0-60, 0-90, 0-180 degrees.

Luminance Data (cd/sq.m)

Table with columns: Angle In Degrees, Average 0, Average 45, Average 90. Rows include 45, 55, 65, 75, 85 degrees.

Candela Tabulation

Table with columns: Candela values for 0, 45, 90 degrees across various beam angles.

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 20% = PF

Large grid table showing Coefficients of Utilization for various room cavity ratios and reflectance levels.

EFFICACY: 85 LM/W

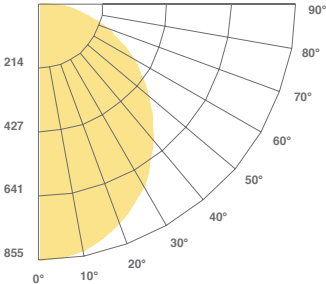
14-ODVH-LED-2400L-WDM-35K-18K-DIM10-MVOLT

WATTAGE: 28.4W

LUMENS: 2572

TOTAL LUMINAIRE EFFICACY: 91

Candle Power Distribution (Candelas)



Spacing Criteria

0-180 : 1.32
90-270 : 1.20
Diagonal : 1.40

Zonal Lumens Summary

Table with columns: Zone, Lumens, %Lamp, %Fixt. Rows include 0-30, 0-40, 0-60, 0-90, 0-180 degrees.

Luminance Data (cd/sq.m)

Table with columns: Angle In Degrees, Average 0, Average 45, Average 90. Rows include 45, 55, 65, 75, 85 degrees.

Candela Tabulation

Table with columns: Candela values for 0, 45, 90 degrees across various beam angles.

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 20% = PF

Large grid table showing Coefficients of Utilization for various room cavity ratios and reflectance levels.

EFFICACY: 91 LM/W

ORDERING INFORMATION: 14-ODVH-LED-WDM-35K-18K-4000L-DIM10-MVOLT

Ordering information grid with columns: Fixture Size (14), Series (ODVH-LED), Warm Dim (WDM-35K-18K), Lumens (4000L-8000L), Dimming (DIMTR, DIM10, LUTECO, LUT2W, DMX-512, DMX-RDM, DALI), Voltage (120 MVOLT), Emergency (0-EMG-LED\*), Other Options (14FK, FBF, SBF, RIS, USA, AIR).

2'x2'

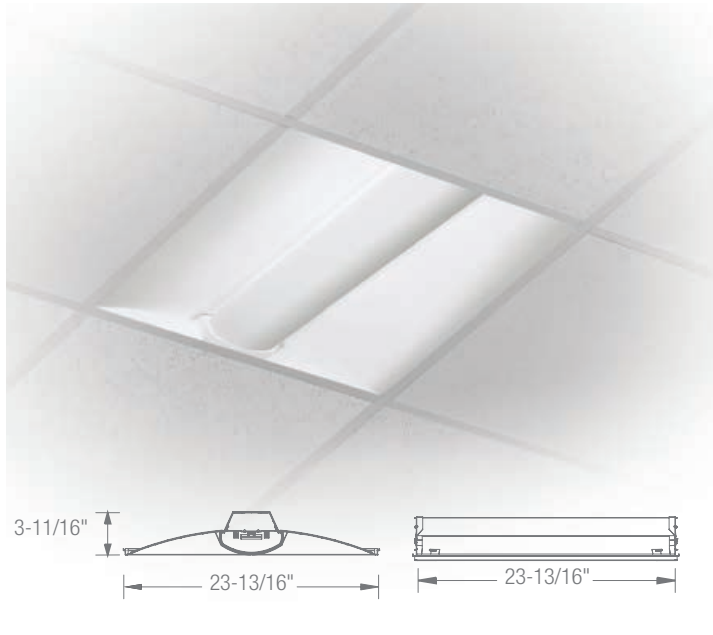
# LED SHALLOW RECESSED AVOLUMETRIC SERIES

Warm Dim with Smart Dim Technology

2400 LUMENS | 3400 LUMENS | 4000 LUMENS | 5000 LUMENS

## OVHP-LED

### 2X2 LED SHALLOW RECESSED VOLUMETRIC LUMINAIRE



**PERFORMANCE** - The OVHP-LED provides a very pleasant volumetric soft light that fills any interior space giving it a larger, brighter, and more productive ambiance. The delivered comfortable and evenly distributed light eliminates surface shadows and ensures a glare-free environment perfect for offices, schools, multipurpose rooms, hospitals and most interior space. Operating system delivers 2400, 3400, 4000 or 5000 lumens. All Warm Dim system maintain a CRI of 85+ across the dimming range of 3500K to 1800K and are binned to within 3 MacAdam ellipse. Elite's highly selective LED diodes produce zero ultraviolet and virtually no infrared light.

#### PRODUCT FEATURES:

- An economic option for volumetric lighting applications
- Highly efficient linear extruded acrylic frosted lens delivers volumetric illumination
- Reflected light from engineered white sloping interior fixture reflectors provide a secondary wide beam distribution angle to deliver exceptionally high total fixture efficiency performance
- Low profile fits into standard T-bar applications as well as shallow spaces
- Post-painted with a 93% reflective white coat to improve fixture efficacy
- LED lighting technology offers the highest return on initial investment over the lifetime of the fixture
- LEDs are individually spaced at small intervals to eliminate any dark spots when combined with our diffusers
- LED light engine is completely removable and upgradable
- Wipe-down clean design makes the OVHP-LED easy to maintain
- All sides and corners are turned in and hemmed, removing sharp edges for safe handling and installation
- Four corner tie points are standard for safety wire support when required and built-in earthquake clips standard
- Fits into standard T-bar sizes including 5/8th, 3/8th, and slot T
- Same-day shipping on most options (Consult factory)

**OPTICS** - The enclosed linear extruded acrylic lens of the OVHP-LED gathers light scattered by the LED chips and delivers highly efficient volumetric lighting to any interior location, including commercial, residential, educational, and professional environments.

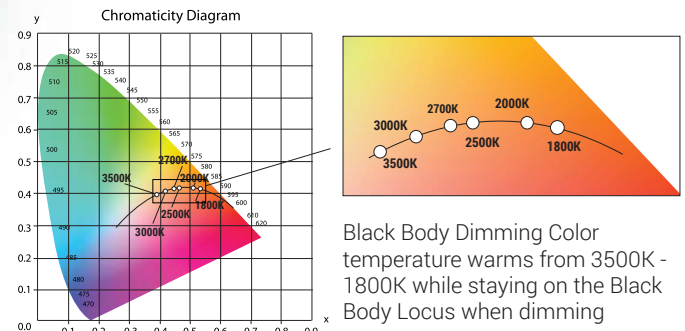
**MAINTENANCE** - LED engines and driver are completely removable and upgradable and can be accessed through the bottom by removing the lamp shields and center reflector. Fixture can be regularly and safely wiped down to ensure optimal fixture performance.

**OPTIONS** - Fixtures may be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Lutron, Leviton, Wattstopper, EnOcean, Enlighted, Philips and others. **Consult factory for details.**

#### WARM DIM (SMART DIM) ARCHITECTURAL LIGHTING

**SMART DIM** - Warm Dim with Smart Dim technology mimics traditional incandescent halogen lighting through dimming. Using Warm Dim, luminaires dim smoothly from 3500K to 1800K. Warm Dim shifts smoothly over the black body radiator curve as the light dims you move into the rich amber tones that encourages relaxation. It is ideal for hospitality, architectural as well as residential applications, all while maintaining high lumen output for the most stringent energy codes today's legislation requires. Warm Dim comes paired with high CRI of 85+ and superior lumen output.

#### Elite Lighting's Architectural Lighting Luminaires with Black Body Technology mimic traditional Halogen dimming to help create a warm ambiance.



Black Body Dimming Color temperature warms from 3500K - 1800K while staying on the Black Body Locus when dimming

#### WARM DIM WITH SMART DIM TECHNOLOGY CAN BE SUPPLIED WITH A VARIETY OF DIMMING AND CONTROL PROTOCOLS 0-10V, DMX, DALI, OR LUTRON ECOSYSTEM AND CAN BE DIMMED DOWN TO 1% OF INITIAL LIGHT OUTPUT:

**DIMTR** (Triac & Electronic Low Voltage Dimming in 120V only) Triac & Electronic Low Voltage dimming driver available when ordered with the following options (DIMTR-120) and only available in 120V.

**DIM10** (0-10V 1% Dimming Standard) 0-10V driver which can be dimmed down to 1% of initial light output with a 0-10V dimmer when ordered with the following options (DIM10-120, DIM10-277).

**LUTECO** - Provided with Lutron EcoSystem driver. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems and Lutron Vive. When ordered with the following options (LUTECO).

**LUT2W** - (Lutron® Hi-Lume A-Series 2-Wire Forward Phase Control 1% Dimming in 120V). When ordered with the following options (LUT2W).

**DMX** - Compatible with Digital Multiplex Controller, Available with two options: DMX-512: Standard DMX Controller and DMX-RDM: DMX Controller with Remote Device Management.

**DALI** - Compatible with Digital Addressable Lighting Interface, available with two options: TD6 and TD8.

**THERMAL MANAGEMENT** - LED light engines are attached directly to the housing and keep LED engines cool.

**QUALITY CONTROL** - Every fixture is turned on and rigorously tested by our QC Department before shipping.

**DURABILITY** - Heavy-duty 20-gauge steel housing is engineered for maximum strength. Corners interlock to prevent aesthetic damage to fixture. All sides and corners are turned in and hemmed to remove sharp edges for safe handling and installation. Low profile design keeps height of fixture below 4 inches. The OVHP-LED is post-painted with a high 93% reflective white coat to improve the overall efficacy of the fixture.

**OUR WORD** - Our LED system is Life tested to ensure light output of L70 up to 110,000 hrs and L85 up to 65,000 hrs and carries a five-year carefree warranty for parts and components. (Labor not included)

**LISTING:** c-UL-us / c-ETL-us - listed for Damp location  
All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.



2'x2'

# PHOTOMETRY DATA

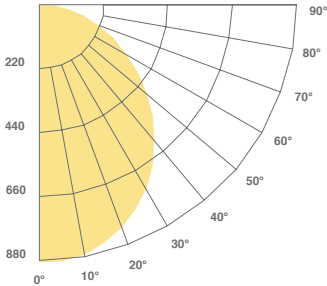
## 22-OVHP-LED-WDM-35K-18K-2400L-DIM10-MVOLT

WATTAGE: 24.1W

LUMENS: 2495

TOTAL LUMINAIRE EFFICACY: 104

### Candle Power Distribution (Candelas)



### Spacing Criteria

0-180 : 1.22  
 90-270 : 1.26  
 Diagonal : 1.36

**EFFICACY: 104 LM/W**

### Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	675.95	N.A.	27.10
0-40°	1099.27	N.A.	44.10
0-60°	1919.68	N.A.	76.90
0-90°	2495.17	N.A.	100.00
0-180°	2495.17	N.A.	100.00

### Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	1983	2107	2244
55°	1793	2004	2204
65°	1574	1920	2217
75°	1298	1911	2412
85°	972	2235	3189

### Candela Tabulation

	0	45	90
0	878.390	878.390	878.390
5	871.266	870.925	872.311
15	831.864	829.752	843.227
25	758.736	762.212	778.162
35	650.958	666.083	691.801
45	521.543	554.059	590.249
55	382.525	427.559	470.294
65	247.467	301.807	348.436
75	124.916	183.975	232.232
85	31.504	72.446	103.389
90	1.056	1.331	4.620

### Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 20% = PF

RC RW	80%				70%				50%				30%				10%				0%			
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
0	119	119	119	119	116	116	116	116	111	111	111	111	106	106	106	106	102	102	102	102	100			
1	108	103	99	95	105	101	97	93	97	93	90	93	90	87	89	87	85	82	81	81	82			
2	98	90	83	77	95	88	81	76	84	79	74	81	76	72	78	74	71	68	67	67	68			
3	89	79	70	63	87	77	69	63	74	67	62	71	65	61	69	64	60	57	57	57	57			
4	82	70	61	54	79	68	60	53	66	58	53	63	57	52	61	56	51	49	49	49	49			
5	75	62	53	46	73	61	52	46	59	51	45	57	50	45	55	49	44	42	42	42	42			
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7	64	51	42	36	63	50	42	36	48	41	35	47	40	35	46	39	35	33	33	33	33			
8	60	46	38	32	58	46	37	32	44	37	32	43	36	31	42	36	31	29	29	29	29			
9	56	43	34	29	55	42	34	29	41	34	28	40	33	28	39	33	28	26	26	26	26			
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24	24	24	24			

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

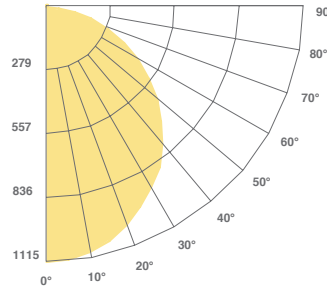
## 22-OVHP-LED-WDM-35K-18K-3400L

WATTAGE: 33.2

LUMENS: 3379

TOTAL LUMINAIRE EFFICACY: 102

### Candle Power Distribution (Candelas)



### Spacing Criteria

0-180 : 1.22  
 90-270 : 1.28  
 Diagonal : 1.38

**EFFICACY: 102 LM/W**

### Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	860.18	25.50	25.50
0-40°	1410.28	41.80	41.70
0-60°	2519.32	74.60	74.50
0-90°	3348.09	99.20	99.10
0-180°	3379.48	100.10	100.00

### Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	2582	2744	2948
55°	2413	2697	2990
65°	2193	2641	3130
75°	1758	2661	3549
85°	996	2406	4280

### Candela Tabulation

	0	45	90
0	1111.891	1111.891	1111.891
5	1101.160	1100.220	1102.930
15	1049.400	1055.560	1068.520
25	955.530	975.590	1001.680
35	831.670	857.160	897.390
45	679.130	721.650	775.430
55	514.770	575.350	637.950
65	344.760	415.110	492.000
75	169.240	256.180	341.620
85	32.280	78.000	138.750
90	1.790	1.970	2.130

### Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 20% = PF

RC RW	80%				70%				50%				30%				10%				0%			
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
0	119	119	119	119	116	116	116	116	111	111	111	111	106	106	106	101	101	101	101	99				
1	108	103	98	94	105	100	96	92	96	92	89	92	89	86	88	85	83	81	81	81	81			
2	98	89	82	75	95	87	80	74	83	77	73	80	75	71	76	72	69	67	67	67				
3	89	78	69	62	86	76	68	62	73	66	60	70	64	59	67	62	58	56	56	56				
4	81	69	59	52	79	67	59	52	64	57	51	62	56	50	60	54	50	47	47	47				
5	74	61	52	45	72	60	51	45	58	50	44	56	49	43	54	48	43	41	41	41				
6	69	55	46	39	67	54	45	39	52	44	38	50	43	38	48	42	38	35	35	35				
7	64	50	41	34	62	49	40	34	47	40	34	46	39	34	44	38	33	31	31	31				
8	59	45	37	31	58	45	36	31	43	36	30	42	35	30	41	34	30	28	28	28				
9	55	42	33	28	54	41	33	27	40	32	27	39	32	27	37	31	27	25	25	25				
10	52	38	30	25	50	38	30	25	37	30	25	36	29	25	35	29	24	23	23	23				

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

## ORDERING INFORMATION: 22-OVHP-LED-WDM-35K-18K-4000L-DIM10-MVOLT

22	OVHP-LED						
<b>FIXTURE SIZE</b> 22 - 2' X 2'	<b>SERIES</b> OVHP-LED- Shallow Volumetric Series	<b>WARM DIM</b> WDM-35K-18K	<b>LUMENS</b> 4000L - 4000 Lumens 5000L - 5000 Lumens 6000L - 6000 Lumens 8000L - 8000 Lumens	<b>DIMMING</b> DIMTR - Triac Dimming (120V Only) DIM10 - 0-10V Dimming (Compatible with Lutron GRAFIK Eye,Vive) LUTECO - Lutron EcoSystem LUT2W - Lutron 2 Wire (120V Only) DMX-512 - Standard Controller DMX-RDM - Remote Device Management DALI - DALI Controller	<b>VOLTAGE</b> 120 MVOLT	<b>EMERGENCY</b> 0-EMG-LED* (*Only Available on Elite Platform)	<b>OTHER OPTIONS</b> 22FK - Flange Kit for 2' X 2' Fixture FBF - Internal Fast Blow Fuse SBF - Internal Slow Blow Fuse RIS - Radio Interference Suppressor USA - Made in America Compliance AIR - Air Return (Consult Factory)

# 2'x4'

## LED SHALLOW RECESSED VOLUMETRIC SERIES

Warm Dim with Smart Dim Technology

4000  
LUMENS

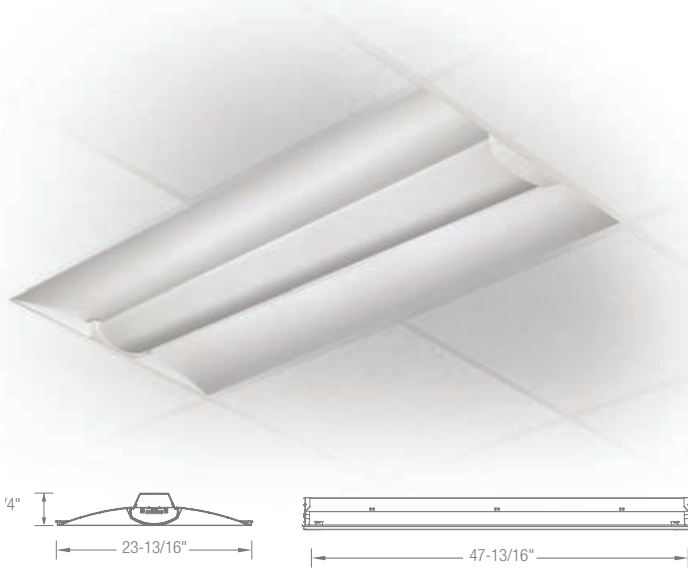
5000  
LUMENS

6000  
LUMENS

8000  
LUMENS

### OVHP-LED

#### 2X4 LED SHALLOW RECESSED VOLUMETRIC LUMINAIRE



**PERFORMANCE** - The OVHP-LED provides a very pleasant volumetric soft light that fills any interior space giving it a larger, brighter, and more productive ambiance. The delivered comfortable and evenly distributed light eliminates surface shadows and ensures a glare-free environment perfect for offices, schools, multipurpose rooms, hospitals and most interior space. Operating system delivers 4000, 5000, 6000 or 8000 lumens. All Warm Dim system maintain a CRI of 85+ across the dimming range of 3500K to 1800K and are binned to within 3 MacAdam ellipse. Elite's highly selective LED diodes produce zero ultraviolet and virtually no infrared light.

#### PRODUCT FEATURES:

- An economic option for volumetric lighting applications
- Highly efficient linear extruded acrylic frosted lens delivers volumetric illumination
- Reflected light from engineered white sloping interior fixture reflectors provide a secondary wide beam distribution angle to deliver exceptionally high total fixture efficiency performance
- Low profile fits into standard T-bar applications as well as shallow spaces
- Post-painted with a 93% reflective white coat to improve fixture efficacy
- LED lighting technology offers the highest return on initial investment over the lifetime of the fixture
- LEDs are individually spaced at small intervals to eliminate any dark spots when combined with our diffusers
- LED light engine is completely removable and upgradable
- Wipe-down clean design makes the OVHP-LED easy to maintain
- All sides and corners are turned in and hemmed, removing sharp edges for safe handling and installation
- Four corner tie points are standard for safety wire support when required and built-in earthquake clips standard
- Fits into standard T-bar sizes including 5/8th, 3/8th, and slot T
- Same-day shipping on most options (Consult factory)

**OPTICS** - The enclosed linear extruded acrylic lens of the OVHP-LED gathers light scattered by the LED chips and delivers highly efficient volumetric lighting to any interior location, including commercial, residential, educational, and professional environments.

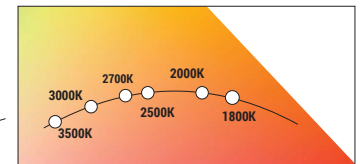
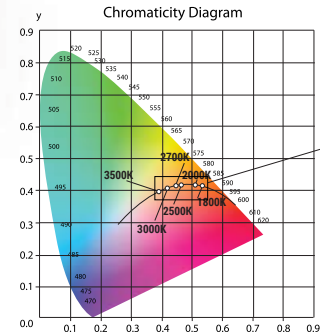
**MAINTENANCE** - LED engines and driver are completely removable and upgradable and can be accessed through the bottom by removing the lamp shields and center reflector. Fixture can be regularly and safely wiped down to ensure optimal fixture performance.

**OPTIONS** - Fixtures may be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Lutron, Leviton, Wattstopper, EnOcean, Enlighted, Philips and others. **Consult factory for details.**

#### WARM DIM (SMART DIM) ARCHITECTURAL LIGHTING

**SMART DIM** - Warm Dim with Smart Dim technology mimics traditional incandescent halogen lighting through dimming. Using Warm Dim, luminaires dim smoothly from 3500K to 1800K. Warm Dim shifts smoothly over the black body radiator curve as the light dims you move into the rich amber tones that encourages relaxation. It is ideal for hospitality, architectural as well as residential applications, all while maintaining high lumen output for the most stringent energy codes today's legislation requires. Warm Dim comes paired with high CRI of 85+ and superior lumen output.

#### Elite Lighting's Architectural Lighting Luminaires with Black Body Technology mimic traditional Halogen dimming to help create a warm ambiance.



Black Body Dimming Color temperature warms from 3500K - 1800K while staying on the Black Body Locus when dimming

#### WARM DIM WITH SMART DIM TECHNOLOGY CAN BE SUPPLIED WITH A VARIETY OF DIMMING AND CONTROL PROTOCOLS 0-10V, DMX, DALI, OR LUTRON ECOSYSTEM AND CAN BE DIMMED DOWN TO 1% OF INITIAL LIGHT OUTPUT:

**DIMTR** (Triac & Electronic Low Voltage Dimming in 120V only) Triac & Electronic Low Voltage dimming driver available when ordered with the following options (DIMTR-120) and only available in 120V.

**DIM10** (0-10V 1% Dimming Standard) 0-10V driver which can be dimmed down to 1% of initial light output with a 0-10V dimmer when ordered with the following options (DIM10-120, DIM10-277).

**LUTECO** - Provided with Lutron EcoSystem driver. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems and Lutron Vive. When ordered with the following options (LUTECO).

**LUT2W** - (Lutron® Hi-Lume A-Series 2-Wire Forward Phase Control 1% Dimming in 120V). When ordered with the following options (LUT2W).

**DMX-512** - Standard DMX Controller and DMX-RDM: DMX Controller with Remote Device Management.

**DALI** - Compatible with Digital Addressable Lighting Interface, available with two options: TD6 and TD8.

**THERMAL MANAGEMENT** - LED light engines are attached directly to the housing and keep LED engines cool.

**QUALITY CONTROL** - Every fixture is turned on and rigorously tested by our QC Department before shipping.

**DURABILITY** - Heavy-duty 20-gauge steel housing is engineered for maximum strength. Corners interlock to prevent aesthetic damage to fixture. All sides and corners are turned in and hemmed to remove sharp edges for safe handling and installation. Low profile design keeps height of fixture below 4 inches. The OVHP-LED is post-painted with a high 93% reflective white coat to improve the overall efficacy of the fixture.

**OUR WORD** - Our LED system is Life tested to ensure light output of L70 up to 110,000 hrs and L85 up to 65,000 hrs and carries a five-year carefree warranty for parts and components. (Labor not included)

**LISTING:** c-UL-us / c-ETL-us - listed for Damp location

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

2'x4'

# PHOTOMETRY DATA

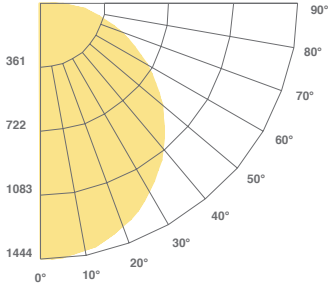
## 24-OVHP-LED-WDM-35K-18K-4000L-DIM10-MVOLT

WATTAGE: 40.9W

LUMENS: 4254

TOTAL LUMINAIRE EFFICACY: 104

### Candle Power Distribution (Candelas)



### Spacing Criteria

0-180 : 1.24  
90-270 : 1.28  
Diagonal : 1.38

**EFFICACY: 104 LM/W**

### Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	1115.22	N.A.	26.20
0-40°	1826.12	N.A.	42.90
0-60°	3240.21	N.A.	76.20
0-90°	4253.74	N.A.	100.00
0-180°	4253.74	N.A.	100.00

### Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	3471	3575	3719
55°	3218	3442	3677
65°	2873	3308	3677
75°	2415	3304	3956
85°	1715	4082	5603

### Candela Tabulation

	0	45	90
0	1439.276	1439.276	1439.276
5	1437.230	1432.860	1433.400
15	1379.760	1375.000	1379.620
25	1269.890	1269.750	1283.270
35	1112.070	1122.580	1147.150
45	912.990	940.280	978.250
55	686.640	734.440	784.570
65	451.650	520.080	578.000
75	232.510	318.060	380.820
85	55.610	132.320	181.640
90	2.350	25.620	52.040

### Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 20% = PF

RC RW	80%				70%				50%				30%				10%				0%			
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100	100		
1	108	103	98	94	105	101	96	93	96	93	90	92	90	87	89	86	84	82	82	82	82	82		
2	98	89	82	76	95	87	81	75	84	78	73	80	76	72	77	73	70	68	68	68	68	68		
3	89	78	70	63	86	76	69	62	73	67	61	71	65	60	68	63	59	57	57	57	57	57		
4	81	69	60	53	79	68	59	53	65	58	52	63	56	51	61	55	50	48	48	48	48	48		
5	75	62	52	46	73	60	52	45	58	51	45	56	50	44	54	49	44	42	42	42	42	42		
6	69	55	46	40	67	54	46	40	53	45	39	51	44	39	49	43	38	36	36	36	36	36		
7	64	50	41	35	62	49	41	35	48	40	35	46	39	34	45	39	34	32	32	32	32	32		
8	60	46	37	31	58	45	37	31	44	36	31	42	36	31	41	35	30	29	29	29	29	29		
9	56	42	34	28	54	41	33	28	40	33	28	39	32	28	38	32	27	26	26	26	26	26		
10	52	39	31	25	51	38	31	25	37	30	25	36	30	25	35	29	25	23	23	23	23	23		

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

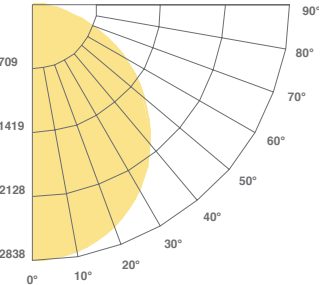
## 24-OVHP-LED-WDM-35K-18K-8000L-DIM10-MVOLT

WATTAGE: 83.1

LUMENS: 8345

TOTAL LUMINAIRE EFFICACY: 100

### Candle Power Distribution (Candelas)



### Spacing Criteria

0-180 : 1.24  
90-270 : 1.26  
Diagonal : 1.38

**EFFICACY: 100 LM/W**

### Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	2199.97	26.40	26.40
0-40°	3600.91	43.20	43.10
0-60°	6369.49	76.30	76.30
0-90°	8345.41	100.00	100.00
0-180°	8345.41	100.00	100.00

### Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	6878	6959	7145
55°	6405	6671	7006
65°	5758	6388	6949
75°	4836	6254	7247
85°	3718	7085	8591

### Candela Tabulation

	0	45	90
0	2836.505	2836.505	2836.505
5	2827.310	2818.170	2818.170
15	2715.810	2701.460	2707.450
25	2503.030	2490.050	2505.480
35	2197.210	2194.860	2223.280
45	1809.000	1830.280	1879.300
55	1366.580	1423.250	1494.690
65	905.220	1004.220	1092.320
75	465.610	602.080	697.710
85	120.540	229.690	278.520
90	4.580	5.200	5.340

### Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 20% = PF

RC RW	80%				70%				50%				30%				10%				0%			
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100	100		
1	108	103	98	94	105	101	96	93	96	93	90	92	90	87	89	86	84	82	82	82	82	82		
2	98	89	82	76	95	87	81	75	84	78	73	80	76	72	77	74	70	68	68	68	68	68		
3	89	78	70	63	87	77	69	62	74	67	61	71	65	60	68	63	59	57	57	57	57	57		
4	81	69	60	53	79	68	59	53	65	58	52	63	56	51	61	55	51	48	48	48	48	48		
5	75	62	52	46	73	61	52	45	58	51	45	56	50	44	55	49	44	42	42	42	42	42		
6	69	56	46	40	67	55	46	40	53	45	39	51	44	39	49	43	39	36	36	36	36	36		
7	64	50	41	35	62	49	41	35	48	40	35	46	40	34	45	39	34	32	32	32	32	32		
8	60	46	37	31	58	45	37	31	44	36	31	43	36	31	41	35	31	29	29	29	29	29		
9	56	42	34	28	54	42	34	28	40	33	28	39	32	28	38	32	28	26	26	26	26	26		
10	52	39	31	26	51	38	31	25	37	30	25	36	30	25	35	29	25	23	23	23	23	23		

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

## ORDERING INFORMATION: 24-OVHP-LED-WDM-35K-18K-4000L-DIM10-MVOLT

24	OVHP-LED						
<b>FIXTURE SIZE</b> 24 - 2' X 4'	<b>SERIES</b> OVHP-LED- Shallow Volumetric Series	<b>WARM DIM</b> WDM-35K-18K	<b>LUMENS</b> 4000L - 4000 Lumens 5000L - 5000 Lumens 6000L - 6000 Lumens 8000L - 8000 Lumens	<b>DIMMING</b> DIMTR - Triac Dimming (120V Only) DIM10 - 0-10V Dimming (Compatible with Lutron GRAFIK Eye,Vive) LUTECO - Lutron EcoSystem LUT2W - Lutron 2 Wire (120V Only) DMX-512 - Standard Controller DMX-RDM - Remote Device Management DALI - DALI Controller	<b>VOLTAGE</b> 120 MVOLT	<b>EMERGENCY</b> 0-EMG-LED* (*Only Available on Elite Platform)	<b>OTHER OPTIONS</b> 24FK - Flange Kit for 2' X 4' Fixture FBF - Internal Fast Blow Fuse SBF - Internal Slow Blow Fuse RIS - Radio Interference Suppressor USA - Made in America Compliance AIR - Air Return (Consult Factory)

1'x4'

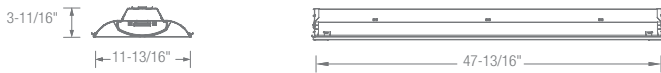
# LED SHALLOW RECESSED VOLUMETRIC SERIES

Warm Dim with Smart Dim Technology

2400 LUMENS | 3400 LUMENS | 4000 LUMENS | 5000 LUMENS

## OVHP-LED

### 1X4 LED SHALLOW RECESSED VOLUMETRIC LUMINAIRE



**PERFORMANCE** - The OVHP-LED provides a very pleasant volumetric soft light that fills any interior space giving it a larger, brighter, and more productive ambiance. The delivered comfortable and evenly distributed light eliminates surface shadows and ensures a glare-free environment perfect for offices, schools, multipurpose rooms, hospitals and most interior space. Operating system delivers 2400, 3400, 4000 or 5000 lumens. All Warm Dim system maintain a CRI of 85+ across the dimming range of 3500K to 1800K and are binned to within 3 MacAdam ellipse. Elite's highly selective LED diodes produce zero ultraviolet and virtually no infrared light.

#### PRODUCT FEATURES:

- An economic option for volumetric lighting applications
- Highly efficient linear extruded acrylic frosted lens delivers volumetric illumination
- Reflected light from engineered white sloping interior fixture reflectors provide a secondary wide beam distribution angle to deliver exceptionally high total fixture efficiency performance
- Low profile fits into standard T-bar applications as well as shallow spaces
- Post-painted with a 93% reflective white coat to improve fixture efficacy
- LED lighting technology offers the highest return on initial investment over the lifetime of the fixture
- LEDs are individually spaced at small intervals to eliminate any dark spots when combined with our diffusers
- LED light engine is completely removable and upgradable
- Wipe-down clean design makes the OVHP-LED easy to maintain
- All sides and corners are turned in and hemmed, removing sharp edges for safe handling and installation
- Four corner tie points are standard for safety wire support when required and built-in earthquake clips standard
- Fits into standard T-bar sizes including 5/8th, 3/8th, and slot T
- Same-day shipping on most options (Consult factory)

**OPTICS** - The enclosed linear extruded acrylic lens of the OVHP-LED gathers light scattered by the LED chips and delivers highly efficient volumetric lighting to any interior location, including commercial, residential, educational, and professional environments.

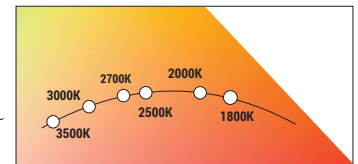
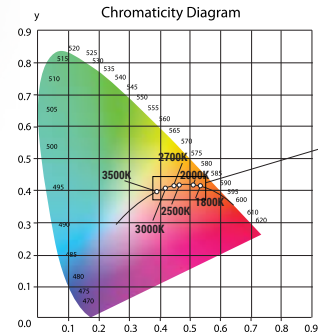
**MAINTENANCE** - LED engines and driver are completely removable and upgradable and can be accessed through the bottom by removing the lamp shields and center reflector. Fixture can be regularly and safely wiped down to ensure optimal fixture performance.

**OPTIONS** - Fixtures may be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Lutron, Leviton, Wattstopper, EnOcean, Enlighted, Philips and others. **Consult factory for details.**

#### WARM DIM (SMART DIM) ARCHITECTURAL LIGHTING

**SMART DIM** - Warm Dim with Smart Dim technology mimics traditional incandescent halogen lighting through dimming. Using Warm Dim, luminaires dim smoothly from 3500K to 1800K. Warm Dim shifts smoothly over the black body radiator curve as the light dims you move into the rich amber tones that encourages relaxation. It is ideal for hospitality, architectural as well as residential applications, all while maintaining high lumen output for the most stringent energy codes today's legislation requires. Warm Dim comes paired with high CRI of 85+ and superior lumen output.

#### Elite Lighting's Architectural Lighting Luminaires with Black Body Technology mimic traditional Halogen dimming to help create a warm ambiance.



Black Body Dimming Color temperature warms from 3500K - 1800K while staying on the Black Body Locus when dimming

#### WARM DIM WITH SMART DIM TECHNOLOGY CAN BE SUPPLIED WITH A VARIETY OF DIMMING AND CONTROL PROTOCOLS 0-10V, DMX, DALI, OR LUTRON ECOSYSTEM AND CAN BE DIMMED DOWN TO 1% OF INITIAL LIGHT OUTPUT:

**DIMTR** (Triac & Electronic Low Voltage Dimming in 120V only) Triac & Electronic Low Voltage dimming driver available when ordered with the following options (DIMTR-120) and only available in 120V.

**DIM10** (0-10V 1% Dimming Standard) 0-10V driver which can be dimmed down to 1% of initial light output with a 0-10V dimmer when ordered with the following options (DIM10-120, DIM10-277).

**LUTECO** - Provided with Lutron EcoSystem driver. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems and Lutron Vive. When ordered with the following options (**LUTECO**).

**LUT2W** - (Lutron® Hi-Lume A-Series 2-Wire Forward Phase Control 1% Dimming in 120V). When ordered with the following options (LUT2W).

**DMX-512** - Standard DMX Controller and DMX-RDM: DMX Controller with Remote Device Management.

**DALI** - Compatible with Digital Addressable Lighting Interface, available with two options: TD6 and TD8.

**THERMAL MANAGEMENT** - LED light engines are attached directly to the housing and keep LED engines cool.

**QUALITY CONTROL** - Every fixture is turned on and rigorously tested by our QC Department before shipping.

**DURABILITY** - Heavy-duty 20-gauge steel housing is engineered for maximum strength. Corners interlock to prevent aesthetic damage to fixture. All sides and corners are turned in and hemmed to remove sharp edges for safe handling and installation. Low profile design keeps height of fixture below 4 inches. The OVHP-LED is post-painted with a high 93% reflective white coat to improve the overall efficacy of the fixture.

**OUR WORD** - Our LED system is Life tested to ensure light output of L70 up to 110,000 hrs and L85 up to 65,000 hrs and carries a five-year carefree warranty for parts and components. (Labor not included)

**LISTING:** c-UL-us / c-ETL-us - listed for Damp location

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.



1'x4'

# PHOTOMETRY DATA

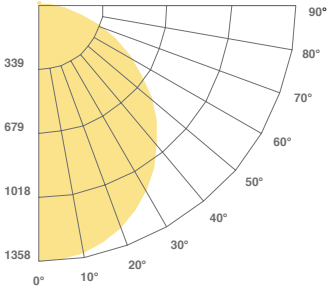
## 14-OVHP-LED-WDM-35K-18K-4000L-DIM10-MVOLT

WATTAGE: 39.9W

LUMENS: 4124

TOTAL LUMINAIRE EFFICACY: 89

### Candle Power Distribution (Candelas)



### Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	1055.31	25.60	25.60
0-40°	1731.28	42.00	42.00
0-60°	3095.08	75.10	75.10
0-90°	4087.29	99.20	99.10
0-180°	4123.77	100.10	100.00

### Luminaire Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
0°			
45°	3303	3514	3687
55°	3100	3450	3736
65°	2822	3416	3867
75°	2414	3501	4203
85°	1755	3745	4755

### Candela Tabulation

	0	45	90
0	1357.795	1357.795	1357.795
5	1353.070	1354.710	1354.570
15	1299.840	1308.840	1315.670
25	1197.480	1219.200	1235.590
35	1051.270	1088.410	1118.180
45	868.690	924.270	969.750
55	661.360	736.070	797.140
65	443.580	537.010	607.910
75	232.370	337.040	404.610
85	56.890	121.410	154.160
90	2.070	2.270	2.770

### Spacing Criteria

0-180	: 1.24
90-270	: 1.30
Diagonal	: 1.40

EFFICACY: 103 LM/W

### Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 20% = PF

RC RW	80%				70%				50%				30%				10%				0%			
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	50%	30%	10%	0%		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99						
1	108	103	98	94	105	100	96	92	96	92	89	92	89	86	88	86	84	81						
2	98	89	82	76	95	87	80	75	83	78	73	80	75	71	77	73	69	67						
3	89	78	69	62	86	76	68	62	73	66	61	70	64	59	67	62	58	56						
4	81	69	60	53	79	67	59	52	65	57	51	62	56	51	60	54	50	48						
5	74	61	52	45	72	60	51	45	58	50	44	56	49	44	54	48	43	41						
6	69	55	46	39	67	54	45	39	52	44	39	50	43	38	49	43	38	36						
7	64	50	41	35	62	49	40	34	47	40	34	46	39	34	44	38	33	31						
8	59	45	37	31	58	45	36	31	43	36	30	42	35	30	41	35	30	28						
9	55	42	33	28	54	41	33	28	40	33	27	39	32	27	38	31	27	25						
10	52	38	30	25	51	38	30	25	37	30	25	36	29	25	35	29	25	23						

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

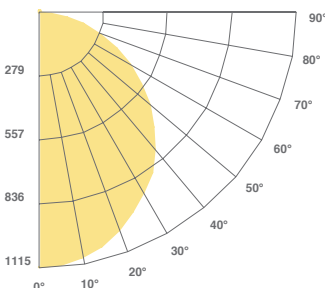
## 14-OVHP-LED-WDM-35K-18K-3400L-DIM10-MVOLT

WATTAGE: 33.2W

LUMENS: 3379

TOTAL LUMINAIRE EFFICACY: 102

### Candle Power Distribution (Candelas)



### Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	860.18	25.50	25.50
0-40°	1410.28	41.80	41.70
0-60°	2519.32	74.60	74.50
0-90°	3348.09	99.20	99.10
0-180°	3379.48	100.10	100.00

### Luminaire Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
0°			
45°	2582	2744	2948
55°	2413	2697	2990
65°	2193	2641	3130
75°	1758	2661	3549
85°	996	2406	4280

### Candela Tabulation

	0	45	90
0	1111.891	1111.891	1111.891
5	1101.160	1100.220	1102.930
15	1049.400	1055.560	1068.520
25	955.530	975.590	1001.680
35	831.670	857.160	897.390
45	679.130	721.650	775.430
55	514.770	575.350	637.950
65	344.760	415.110	492.000
75	169.240	256.180	341.620
85	32.280	78.000	138.750
90	1.790	1.970	2.130

### Spacing Criteria

0-180	: 1.22
90-270	: 1.28
Diagonal	: 1.38

EFFICACY: 102 LM/W

### Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 20% = PF

RC RW	80%				70%				50%				30%				10%				0%			
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	50%	30%	10%	0%		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99						
1	108	103	98	94	105	100	96	92	96	92	89	92	89	86	88	86	83	81						
2	98	89	82	75	95	87	80	74	83	77	73	80	75	71	76	72	69	67						
3	89	78	69	62	86	76	68	62	73	66	60	70	64	59	67	62	58	56						
4	81	69	59	52	79	67	59	52	64	57	51	62	56	50	60	54	50	47						
5	74	61	52	45	72	60	51	45	58	50	44	56	49	43	54	48	43	41						
6	69	55	46	39	67	54	45	39	52	44	38	50	43	38	48	42	38	35						
7	64	50	41	34	62	49	40	34	47	40	34	46	39	34	44	38	33	31						
8	59	45	37	31	58	45	36	31	43	36	30	42	35	30	41	34	30	28						
9	55	42	33	28	54	41	33	27	40	32	27	39	32	27	37	31	27	25						
10	52	38	30	25	50	38	30	25	37	30	25	36	29	25	35	29	24	23						

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

## ORDERING INFORMATION: 14-OVHP-LED-WDM-35K-18K-4000L-DIM10-MVOLT

14	OVHP-LED						
<b>FIXTURE SIZE</b> 14 - 1' X 4'	<b>SERIES</b> OVHP-LED- Oracle Shallow Volumetric Series	<b>WARM DIM</b> WDM-35K-18K	<b>LUMENS</b> 4000L - 4000 Lumens 5000L - 5000 Lumens 6000L - 6000 Lumens 8000L - 8000 Lumens	<b>DIMMING</b> DIMTR - Triac Dimming (120V Only) DIM10 - 0-10V Dimming (Compatible with Lutron GRAFIK Eye,Vive) LUTECO - Lutron EcoSystem LUT2W - Lutron 2 Wire (120V Only) DMX-512 - Standard Controller DMX-RDM - Remote Device Management DALI - DALI Controller	<b>VOLTAGE</b> 120 MVOLT	<b>EMERGENCY</b> 0-EMG-LED* (*Only Available on Elite Platform)	<b>OTHER OPTIONS</b> 14FK - Flange Kit for 1' X 4' Fixture FBF - Internal Fast Blow Fuse SBF - Internal Slow Blow Fuse RIS - Radio Interference Suppressor USA - Made in America Compliance AIR - Air Return (Consult Factory)

# 2'x2'

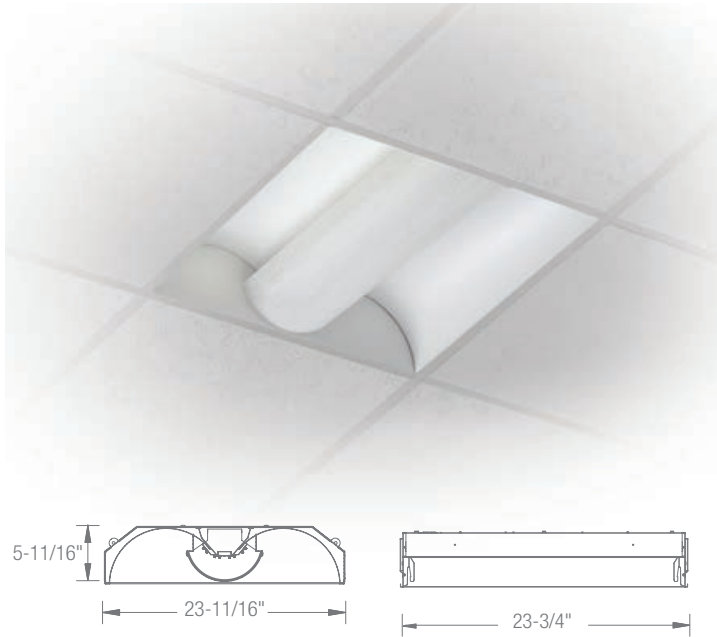
## LED RECESSED DIRECT/INDIRECT SERIES

Warm Dim with Smart Dim Technology

2000 LUMENS	3000 LUMENS	4000 LUMENS	5000 LUMENS
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### OD-LED

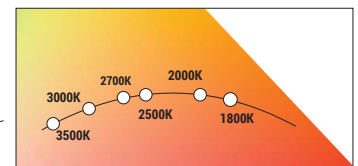
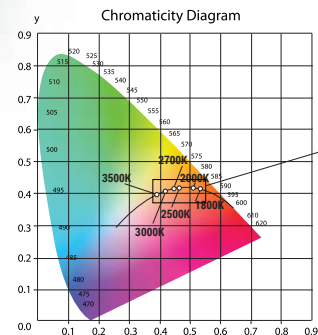
#### 2' X 2' LED RECESSED DIRECT/INDIRECT LUMINAIRE



#### WARM DIM (SMART DIM) ARCHITECTURAL LIGHTING

**SMART DIM** - Warm Dim with Smart Dim technology mimics traditional incandescent halogen lighting through dimming. Using Warm Dim, luminaires dim smoothly from 3500K to 1800K. Warm Dim shifts smoothly over the black body radiator curve as the light dims you move into the rich amber tones that encourages relaxation. It is ideal for hospitality, architectural as well as residential applications, all while maintaining high lumen output for the most stringent energy codes today's legislation requires. Warm Dim comes paired with high CRI of 85+ and superior lumen output.

#### Elite Lighting's Architectural Lighting Luminaires with Black Body Technology mimic traditional Halogen dimming to help create a warm ambiance.



Black Body Dimming Color temperature warms from 3500K - 1800K while staying on the Black Body Locus when dimming

**PERFORMANCE** - The OD-LED provides a very pleasant volumetric soft light that fills any interior space, giving it a larger, brighter, and more productive ambiance. The delivered comfortable and evenly distributed light eliminates surface shadows and ensures a glare-free environment perfect for offices, schools, multipurpose rooms, hospitals and most interior spaces. Operating system delivers 2000, 3000, 4000 or 5000 lumens. All Warm Dim system maintain a CRI of 85+ across the dimming range of 3500K to 1800K and are binned to within 3 MacAdam ellipse. Elite's highly selective LED diodes produce zero ultraviolet and virtually no infrared light.

#### PRODUCT FEATURES:

- Twilite series proprietary light lock system prevents light leakage at both ends of lamp shield. Steel side reflectors intersect with housing to ensure seamless appearance
- Lamp shield pivots down for easy LED maintenance
- Post-painted with a 93% reflective white coat to improve fixture efficacy
- Lamp shield is 60% perforated white steel mesh, backed with high-transmission white acrylic diffuser for optimum light efficiency, maximum glare control and lamp image prevention
- LED lighting technology offers the highest return on initial investment over the lifetime of the fixture
- Dimmable down to 1% with compatible dimming systems
- LEDs are individually spaced at small intervals to eliminate any dark spots when combined with our diffusers
- LED light engine is completely removable and upgradable
- Four corner tie points are standard for safety wire support when required and built-in earthquake clips standard
- Fits into standard T-bar sizes including 5/8th, 3/8th, and slot T

**OPTICS** - Diffuser is composed of a two-part overlay system that includes a thin frosted acrylic sheet and a steel perforated lamp shield. The system works together to gather the light scattered by the LED chips and delivers uniform voluminous light into any environment. The lens can be easily removed without the use of tools in case maintenance is required.

**MAINTENANCE** - LED engines and driver are completely removable and upgradable and can be accessed through the bottom by removing the lamp shields and center reflector. Fixture can be regularly and safely wiped down to ensure optimal fixture performance.

**OPTIONS** - Fixtures may be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Lutron, Leviton, Wattstopper, EnOcean, Enlighted, Philips and others. **Consult factory for details.**

#### WARM DIM WITH SMART DIM TECHNOLOGY CAN BE SUPPLIED WITH A VARIETY OF DIMMING AND CONTROL PROTOCOLS 0-10V, DMX, DALI, OR LUTRON ECOSYSTEM AND CAN BE DIMMED DOWN TO 1% OF INITIAL LIGHT OUTPUT:

**DIMTR** (Triac & Electronic Low Voltage Dimming in 120V only) Triac & Electronic Low Voltage dimming driver available when ordered with the following options (DIMTR-120) and only available in 120V.

**DIM10** (0-10V 1% Dimming Standard) 0-10V driver which can be dimmed down to 1% of initial light output with a 0-10V dimmer when ordered with the following options (DIM10-120, DIM10-277).

**LUTEKO** - Provided with Lutron EcoSystem driver. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems and Lutron Vive. When ordered with the following options (**LUTEKO**).

**LUT2W** - (Lutron® Hi-Lume A-Series 2-Wire Forward Phase Control 1% Dimming in 120V). When ordered with the following options (LUT2W).

**DMX** - Compatible with Digital Multiplex Controller, Available with two options: DMX-512: Standard DMX Controller and DMX-RDM: DMX Controller with Remote Device Management.

**DALI** - Compatible with Digital Addressable Lighting Interface, available with two options: TD6 and TD8.

**THERMAL MANAGEMENT** - LED light engines are attached directly to the housing and keep LED engines cool.

**QUALITY CONTROL** - Every fixture is turned on and rigorously tested by our QC Department before shipping.

**DURABILITY** - Heavy-duty 20-gauge steel housing is engineered for maximum strength. Corners interlock to prevent aesthetic damage to fixture. All sides and corners are turned in and hemmed to remove sharp edges for safe handling and installation.

**OUR WORD** - Our LED system is Life tested to ensure light output of L70 up to 110,000 hrs and L85 up to 65,000 hrs and carries a five-year carefree warranty for parts and components. (Labor not included)

**LISTING:** c-UL-us / c-ETL-us - listed for Damp location

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

2'x2'

PHOTOMETRY DATA

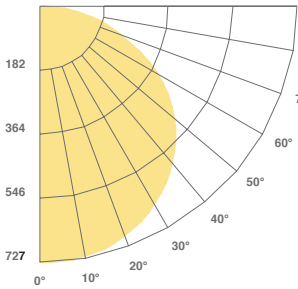
22-OD-LED-WDM-35K-18K-2000L-DIM10-MVOLT

WATTAGE: 28W

LUMENS: 1963

TOTAL LUMINAIRE EFFICACY: 69

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Table with 4 columns: Zone, Lumens, %Lamp, %Fixt. Rows include zones from 0-30° to 0-180°.

Luminance Data (cd/sq.m)

Table with 4 columns: Angle In Degrees, Average 0°, Average 45°, Average 90°. Rows include angles from 45° to 85°.

Candela Tabulation

Table with 4 columns: Candela, 0, 45, 90. Rows include candela values from 0 to 90.

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 20% = PF

Large table of Coefficients of Utilization with columns for RC, RW, and various percentages (70%, 80%, 50%, 30%, 10%, 0%).

Spacing Criteria

0-180 : 1.16
90-270 : 1.34
Diagonal : 1.36

EFFICACY: 69 LM/W

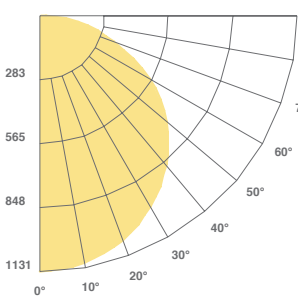
22-OD-LED-WDM-35K-18K-3000L-DIM10-MVOLT

WATTAGE: 44W

LUMENS: 3059

TOTAL LUMINAIRE EFFICACY: 69

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Table with 4 columns: Zone, Lumens, %Lamp, %Fixt. Rows include zones from 0-30° to 0-180°.

Luminance Data (cd/sq.m)

Table with 4 columns: Angle In Degrees, Average 0°, Average 45°, Average 90°. Rows include angles from 45° to 85°.

Candela Tabulation

Table with 4 columns: Candela, 0, 45, 90. Rows include candela values from 0 to 90.

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 20% = PF

Large table of Coefficients of Utilization with columns for RC, RW, and various percentages (70%, 80%, 50%, 30%, 10%, 0%).

Spacing Criteria

0-180 : 1.14
90-270 : 1.30
Diagonal : 1.36

EFFICACY: 69 LM/W

ORDERING INFORMATION: 22-OD-LED-WDM-35K-18K-4000L-DIM10-MVOLT

Ordering information section with boxes for fixture size (22 - 2' X 2'), series (OD-LED-Oracle), warm dim (WDM-35K-18K), lumens (4000L-8000L), dimming (DIMTR, DIM10, LUTEKO, LUT2W, DMX-512, DMX-RDM, DALI), voltage (120 MVOLT), emergency (0-EMG-LED\*), and other options (22FK, FBF, SBF, RIS, USA, AIR).

# 2'x4'

## LED RECESSED DIRECT/INDIRECT SERIES

Warm Dim with Smart Dim Technology

### OD-LED

#### 2' X 4' LED RECESSED DIRECT/INDIRECT LUMINAIRE

3000 LUMENS

4000 LUMENS

5000 LUMENS

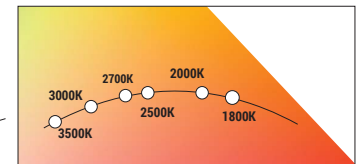
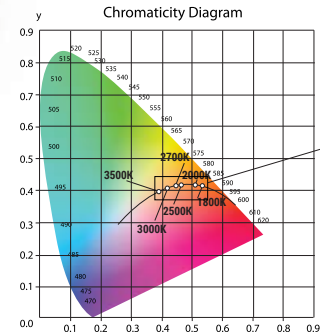
6000 LUMENS



#### WARM DIM (SMART DIM) ARCHITECTURAL LIGHTING

**SMART DIM** - Warm Dim with Smart Dim technology mimics traditional incandescent halogen lighting through dimming. Using Warm Dim, luminaires dim smoothly from 3500K to 1800K. Warm Dim shifts smoothly over the black body radiator curve as the light dims you move into the rich amber tones that encourages relaxation. It is ideal for hospitality, architectural as well as residential applications, all while maintaining high lumen output for the most stringent energy codes today's legislation requires. Warm Dim comes paired with high CRI of 85+ and superior lumen output.

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Black Body Dimming Color temperature warms from 3500K - 1800K while staying on the Black Body Locus when dimming

**PERFORMANCE** - The OD-LED provides a very pleasant volumetric soft light that fills any interior space, giving it a larger, brighter, and more productive ambiance. The delivered comfortable and evenly distributed light eliminates surface shadows and ensures a glare-free environment perfect for offices, schools, multipurpose rooms, hospitals and most interior spaces. Operating system delivers 3000, 4000, 5000 or 6000 lumens. All Warm Dim system maintain a CRI of 85+ across the dimming range of 3500K to 1800K and are binned to within 3 MacAdam ellipse. Elite's highly selective LED diodes produce zero ultraviolet and virtually no infrared light.

#### PRODUCT FEATURES:

- Twilite series proprietary light lock system prevents light leakage at both ends of lamp shield. Steel side reflectors intersect with housing to ensure seamless appearance
- Lamp shield pivots down for easy LED maintenance
- Post-painted with a 93% reflective white coat to improve fixture efficacy
- Lamp shield is 60% perforated white steel mesh, backed with high-transmission white acrylic diffuser for optimum light efficiency, maximum glare control and lamp image prevention
- LED lighting technology offers the highest return on initial investment over the lifetime of the fixture
- Dimmable down to 1% with compatible dimming systems
- LEDs are individually spaced at small intervals to eliminate any dark spots when combined with our diffusers
- LED light engine is completely removable and upgradable
- Four corner tie points are standard for safety wire support when required and built-in earthquake clips standard
- Fits into standard T-bar sizes including 5/8th, 3/8th, and slot T

**OPTICS** - Diffuser is composed of a two-part overlay system that includes a thin frosted acrylic sheet and a steel perforated lamp shield. The system works together to gather the light scattered by the LED chips and delivers uniform voluminous light into any environment. The lens can be easily removed without the use of tools in case maintenance is required.

**MAINTENANCE** - LED engines and driver are completely removable and upgradable and can be accessed through the bottom by removing the lamp shields and center reflector. Fixture can be regularly and safely wiped down to ensure optimal fixture performance.

**OPTIONS** - Fixtures may be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Lutron, Leviton, Wattstopper, EnOcean, Enlighted, Philips and others. **Consult factory for details.**

#### WARM DIM WITH SMART DIM TECHNOLOGY CAN BE SUPPLIED WITH A VARIETY OF DIMMING AND CONTROL PROTOCOLS 0-10V, DMX, DALI, OR LUTRON ECOSYSTEM AND CAN BE DIMMED DOWN TO 1% OF INITIAL LIGHT OUTPUT:

**DIMTR** (Triac & Electronic Low Voltage Dimming in 120V only) Triac & Electronic Low Voltage dimming driver available when ordered with the following options (DIMTR-120) and only available in 120V.

**DIM10** (0-10V 1% Dimming Standard) 0-10V driver which can be dimmed down to 1% of initial light output with a 0-10V dimmer when ordered with the following options (DIM10-120, DIM10-277).

**LUTEKO** - Provided with Lutron EcoSystem driver. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems and Lutron Vive. When ordered with the following options (**LUTEKO**).

**LUT2W**- (Lutron® Hi-Lume A-Series 2-Wire Forward Phase Control 1% Dimming in 120V). When ordered with the following options (LUT2W).

**DMX** - Compatible with Digital Multiplex Controller, Available with two options: DMX-512: Standard DMX Controller and DMX-RDM: DMX Controller with Remote Device Management.

**DALI** - Compatible with Digital Addressable Lighting Interface, available with two options: TD6 and TD8.

**THERMAL MANAGEMENT** - LED light engines are attached directly to the housing and keep LED engines cool.

**QUALITY CONTROL** - Every fixture is turned on and rigorously tested by our QC Department before shipping.

**DURABILITY** - Heavy-duty 20-gauge steel housing is engineered for maximum strength. Corners interlock to prevent aesthetic damage to fixture. All sides and corners are turned in and hemmed to remove sharp edges for safe handling and installation.

**OUR WORD** - Our LED system is Life tested to ensure light output of L70 up to 110,000 hrs and L85 up to 65,000 hrs and carries a five-year carefree warranty for parts and components. (Labor not included)

**LISTING:** c-UL-us / c-ETL-us - listed for Damp location

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.



2'x4'

# PHOTOMETRY DATA

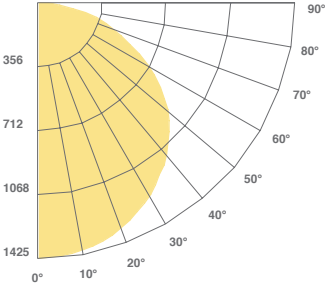
## 24-OD-LED-WDM-35K-18K-4000L-DIM10-MVOLT

WATTAGE: 50W

LUMENS: 3994

TOTAL LUMINAIRE EFFICACY: 80

### Candle Power Distribution (Candelas)



### Spacing Criteria

0-180 : 1.18  
 90-270 : 1.30  
 Diagonal : 1.36

**EFFICACY: 80 LM/W**

### Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	1096.08	N.A.	27.40
0-40°	1788.67	N.A.	44.80
0-60°	3152.84	N.A.	78.90
0-90°	3993.59	N.A.	100.00
0-180°	3993.59	N.A.	100.00

### Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	1505	1716	1944
55°	1290	1650	1927
65°	995	1488	1780
75°	699	1195	1728
85°	380	538	785

### Candela Tabulation

	0	45	90
0	1423.693	1423.693	1423.693
5	1407.460	1410.590	1417.690
15	1326.500	1344.930	1372.640
25	1189.840	1231.640	1288.330
35	1008.670	1081.190	1170.100
45	791.810	902.710	1022.350
55	550.440	704.120	822.170
65	312.930	467.670	559.480
75	134.520	230.180	332.800
85	24.670	34.900	50.870
90	4.340	3.090	2.430

### Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 20% = PF

RC RW	80%				70%				50%				30%				10%				0%			
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
0	119	119	119	119	116	116	116	116	111	111	111	111	106	106	106	106	102	102	102	102	100			
1	109	104	100	96	106	102	98	94	97	94	91	88	91	88	88	88	88	88	88	86	84			
2	99	90	84	78	96	89	82	77	85	80	75	82	77	73	73	73	73	73	73	72	70			
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4	82	70	62	55	80	69	61	54	66	59	54	64	58	53	53	53	53	53	52	52	50			
5	76	63	54	47	74	62	53	47	60	52	46	58	51	46	46	46	46	46	46	45	43			
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10	53	40	32	26	52	39	31	26	38	31	26	37	31	26	26	26	26	26	26	26	24			

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

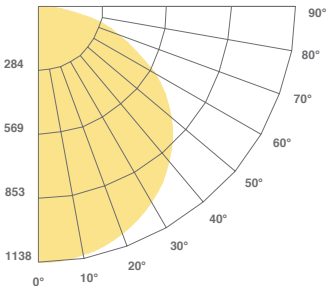
## 24-OD-LED-WDM-35K-18K-3000L-DIM10-MVOLT

WATTAGE: 37.3

LUMENS: 3206

TOTAL LUMINAIRE EFFICACY: 86

### Candle Power Distribution (Candelas)



### Spacing Criteria

0-180 : 1.18  
 90-270 : 1.32  
 Diagonal : 1.38

**EFFICACY: 86 LM/W**

### Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	876.39	27.30	27.30
0-40°	1432.46	44.70	44.70
0-60°	2529.05	78.90	78.90
0-90°	3205.91	100.00	100.00
0-180°	3205.91	100.00	100.00

### Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	1206	1398	1593
55°	1025	1347	1600
65°	786	1255	1523
75°	566	1021	1500
85°	294	472	701

### Candela Tabulation

	0	45	90
0	1137.561	1137.561	1137.561
5	1127.790	1131.200	1135.440
15	1066.910	1085.070	1105.680
25	957.990	998.290	1044.050
35	810.820	878.970	954.350
45	634.250	735.570	837.880
55	437.570	574.840	682.790
65	247.260	394.490	478.700
75	108.940	196.630	288.780
85	19.080	30.620	45.440
90	3.490	2.480	1.860

### Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 20% = PF

RC RW	80%				70%				50%				30%				10%				0%			
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	100				
1	109	104	100	96	106	102	98	94	97	94	91	93	91	88	90	88	88	88	88	86	84			
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4	82	70	62	55	80	69	61	54	66	59	54	64	58	53	53	53	53	53	52	52	50			
5	76	63	54	47	74	62	53	47	60	52	46	58	51	46	46	46	46	46	46	45	43			
6	70	57	48	41	68	56	47	41	54	46	41	52	45	40	40	40	40	40	40	38	38			
7	65	51	42	36	63	50	42	36	49	41	36	47	41	36	36	36	36	36	36	35	33			
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9	56	43	35	29	55	42	34	29	41	34	29	40	33	29	29	29	29	29	29	29	27			
10	53	40	32	26	52	39	31	26	38	31	26	37	31	26	26	26	26	26	26	26	24			

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

## ORDERING INFORMATION: 24-OD-LED-WDM-35K-18K-4000L-DIM10-MVOLT

24	OD-LED						
<b>FIXTURE SIZE</b> 24 - 2' X 4'	<b>SERIES</b> OD-LED-Oracle Direct/Indirect Series	<b>WARM DIM</b> WDM-35K-18K	<b>LUMENS</b> 4000L - 4000 Lumens 5000L - 5000 Lumens 6000L - 6000 Lumens 8000L - 8000 Lumens	<b>DIMMING</b> DIMTR - Triac Dimming (120V Only) DIM10 - 0-10V Dimming (Compatible with Lutron GRAFIK Eye,Vive) LUTEKO - Lutron EcoSystem LUT2W - Lutron 2 Wire (120V Only) DMX-512 - Standard Controller DMX-RDM - Remote Device Management DALI - DALI Controller	<b>VOLTAGE</b> 120 MVOLT	<b>EMERGENCY</b> 0-EMG-LED* (*Only Available on Elite Platform)	<b>OTHER OPTIONS</b> 24FK - Flange Kit for 2' X 4' Fixture FBF - Internal Fast Blow Fuse SBF - Internal Slow Blow Fuse RIS - Radio Interference Suppressor USA - Made in America Compliance AIR - Air Return (Consult Factory)

# 1'x4'

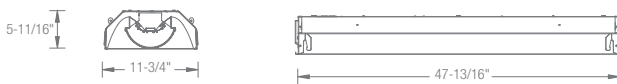
## LED RECESSED DIRECT/INDIRECT SERIES

Warm Dim with Smart Dim Technology

2000 LUMENS	3000 LUMENS	4000 LUMENS	5000 LUMENS
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### OD-LED

#### 1' X 4' LED RECESSED DIRECT/INDIRECT LUMINAIRE



**PERFORMANCE** - The OD-LED provides a very pleasant volumetric soft light that fills any interior space, giving it a larger, brighter, and more productive ambiance. The delivered comfortable and evenly distributed light eliminates surface shadows and ensures a glare-free environment perfect for offices, schools, multipurpose rooms, hospitals and most interior spaces. Operating system delivers 2000, 3000, 4000 or 5000 lumens. All Warm Dim system maintain a CRI of 85+ across the dimming range of 3500K to 1800K and are binned to within 3 MacAdam ellipse. Elite's highly selective LED diodes produce zero ultraviolet and virtually no infrared light.

#### PRODUCT FEATURES:

- Twilite series proprietary light lock system prevents light leakage at both ends of lamp shield. Steel side reflectors intersect with housing to ensure seamless appearance
- Lamp shield pivots down for easy LED maintenance
- Post-painted with a 93% reflective white coat to improve fixture efficacy
- Lamp shield is 60% perforated white steel mesh, backed with high-transmission white acrylic diffuser for optimum light efficiency, maximum glare control and lamp image prevention
- LED lighting technology offers the highest return on initial investment over the lifetime of the fixture
- Dimmable down to 1% with compatible dimming systems
- LEDs are individually spaced at small intervals to eliminate any dark spots when combined with our diffusers
- LED light engine is completely removable and upgradable
- Four corner tie points are standard for safety wire support when required and built-in earthquake clips standard
- Fits into standard T-bar sizes including 5/8th, 3/8th, and slot T

**OPTICS** - Diffuser is composed of a two-part overlay system that includes a thin frosted acrylic sheet and a steel perforated lamp shield. The system works together to gather the light scattered by the LED chips and delivers uniform voluminous light into any environment. The lens can be easily removed without the use of tools in case maintenance is required.

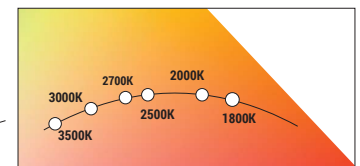
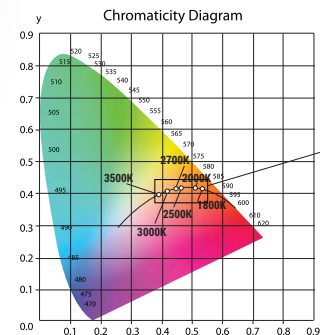
**MAINTENANCE** - LED engines and driver are completely removable and upgradable and can be accessed through the bottom by removing the lamp shields and center reflector. Fixture can be regularly and safely wiped down to ensure optimal fixture performance.

**OPTIONS** - Fixtures may be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Lutron, Leviton, Wattstopper, EnOcean, Enlighted, Philips and others. **Consult factory for details.**

#### WARM DIM (SMART DIM) ARCHITECTURAL LIGHTING

**SMART DIM** - Warm Dim with Smart Dim technology mimics traditional incandescent halogen lighting through dimming. Using Warm Dim, luminaires dim smoothly from 3500K to 1800K. Warm Dim shifts smoothly over the black body radiator curve as the light dims you move into the rich amber tones that encourages relaxation. It is ideal for hospitality, architectural as well as residential applications, all while maintaining high lumen output for the most stringent energy codes today's legislation requires. Warm Dim comes paired with high CRI of 85+ and superior lumen output.

#### Elite Lighting's Architectural Lighting Luminaires with Black Body Technology mimic traditional Halogen dimming to help create a warm ambiance.



Black Body Dimming Color temperature warms from 3500K - 1800K while staying on the Black Body Locus when dimming

#### WARM DIM WITH SMART DIM TECHNOLOGY CAN BE SUPPLIED WITH A VARIETY OF DIMMING AND CONTROL PROTOCOLS 0-10V, DMX, DALI, OR LUTRON ECOSYSTEM AND CAN BE DIMMED DOWN TO 1% OF INITIAL LIGHT OUTPUT:

**DIMTR** (Triac & Electronic Low Voltage Dimming in 120V only) Triac & Electronic Low Voltage dimming driver available when ordered with the following options (DIMTR-120) and only available in 120V.

**DIM10** (0-10V 1% Dimming Standard) 0-10V driver which can be dimmed down to 1% of initial light output with a 0-10V dimmer when ordered with the following options (DIM10-120, DIM10-277).

**LUTEKO** - Provided with Lutron EcoSystem driver. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems and Lutron Vive. When ordered with the following options (**LUTEKO**).

**LUT2W**- (Lutron® Hi-Lume A-Series 2-Wire Forward Phase Control 1% Dimming in 120V). When ordered with the following options (LUT2W).

**DMX** - Compatible with Digital Multiplex Controller, Available with two options: DMX-512: Standard DMX Controller and DMX-RDM: DMX Controller with Remote Device Management.

**DALI** - Compatible with Digital Addressable Lighting Interface, available with two options: TD6 and TD8.

**THERMAL MANAGEMENT** - LED light engines are attached directly to the housing and keep LED engines cool.

**QUALITY CONTROL** - Every fixture is turned on and rigorously tested by our QC Department before shipping.

**DURABILITY** - Heavy-duty 20-gauge steel housing is engineered for maximum strength. Corners interlock to prevent aesthetic damage to fixture. All sides and corners are turned in and hemmed to remove sharp edges for safe handling and installation.

**OUR WORD** - Our LED system is Life tested to ensure light output of L70 up to 110,000 hrs and L85 up to 65,000 hrs and carries a five-year carefree warranty for parts and components. (Labor not included)

**LISTING:** c-UL-us / c-ETL-us - listed for Damp location

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

1'x4'

# PHOTOMETRY DATA

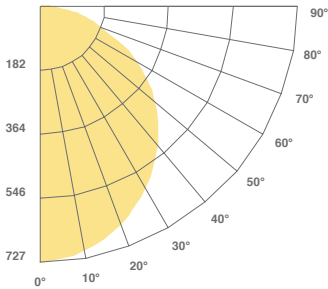
## 14-OD-LED-WDM-35K-18K-2000L-DIM10-MVOLT

WATTAGE: 28.3W

LUMENS: 1963

TOTAL LUMINAIRE EFFICACY: 69

### Candle Power Distribution (Candelas)



### Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	555.29	N.A.	28.30
0-40°	903.06	N.A.	46.00
0-60°	1573.49	N.A.	80.20
0-90°	1962.87	N.A.	100.00
0-180°	1962.87	N.A.	100.00

### Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	1479	1769	2056
55°	1240	1676	2074
65°	936	1510	1978
75°	652	1170	1891
85°	336	590	1097

### Candela Tabulation

	0	45	90
0	725.991	725.991	725.991
5	719.120	723.610	727.130
15	675.370	694.040	711.850
25	602.170	637.750	674.440
35	507.380	560.510	616.030
45	388.970	465.240	540.720
55	264.570	357.560	442.380
65	147.210	237.370	310.970
75	62.780	112.600	182.040
85	10.880	19.120	35.550
90	3.110	2.510	1.280

### Spacing Criteria

0-180 : 1.16  
 90-270 : 1.34  
 Diagonal : 1.36

EFFICACY: 69 LM/W

### Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 20% = PF

RC RW	80%				70%				50%				30%				10%				0%			
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
0	119	119	119	119	116	116	116	116	111	111	111	111	106	106	106	106	102	102	102	102	100			
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10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25	27	25	25			

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

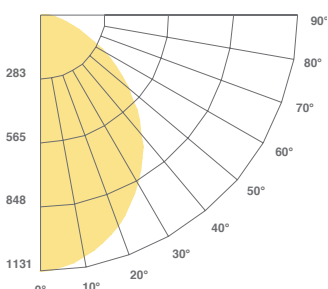
## 22-OD-LED-WDM-35K-18K-3000L-DIM10-MVOLT

WATTAGE: 44.4W

LUMENS: 3059

TOTAL LUMINAIRE EFFICACY: 69

### Candle Power Distribution (Candelas)



### Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	863.55	N.A.	28.20
0-40°	1406.02	N.A.	46.00
0-60°	2452.73	N.A.	80.20
0-90°	3059.45	N.A.	100.00
0-180°	3059.45	N.A.	100.00

### Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	2256	2624	3037
55°	1886	2444	3034
65°	1391	2194	2887
75°	947	1635	2727
85°	623	971	1980

### Candela Tabulation

	0	45	90
0	1128.785	1128.785	1128.785
5	1114.000	1117.680	1123.010
15	1040.680	1059.530	1087.100
25	924.380	962.490	1017.820
35	773.390	835.390	920.750
45	593.390	690.120	798.820
55	402.380	521.440	647.390
65	218.670	344.950	453.830
75	91.180	157.440	262.490
85	20.200	31.490	64.200
90	4.500	3.360	5.630

### Spacing Criteria

0-180 : 1.14  
 90-270 : 1.30  
 Diagonal : 1.36

EFFICACY: 69 LM/W

### Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 20% = PF

RC RW	80%				70%				50%				30%				10%				0%			
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
0	119	119	119	119	116	116	116	116	111	111	111	111	106	106	106	106	102	102	102	102	100			
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2	99	91	84	79	97	89	83	78	86	80	76	82	78	74	79	76	72	70	72	70	70			
3	91	80	72	66	88	78	71	65	75	69	64	73	67	63	70	66	62	59	62	59	51			
4	83	71	62	56	81	70	62	55	67	60	54	65	59	54	63	57	53	51	53	51	51			
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10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25	27	25	25			

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

## ORDERING INFORMATION: 14-OD-LED-WDM-35K-18K-4000L-DIM10-MVOLT

14	OD-LED						
FIXTURE SIZE	SERIES	WARM DIM	LUMENS	DIMMING	VOLTAGE	EMERGENCY	OTHER OPTIONS
14 - 1' X 4'	OD-LED-Oracle Direct/Indirect Series	WDM-35K-18K	4000L - 4000 Lumens 5000L - 5000 Lumens 6000L - 6000 Lumens 8000L - 8000 Lumens	DIMTR - Triac Dimming (120V Only) DIM10 - 0-10V Dimming (Compatible with Lutron GRAFIK Eye,Vive) LUTECO - Lutron EcoSystem LUT2W - Lutron 2 Wire (120V Only) DMX-512 - Standard Controller DMX-RDM - Remote Device Management DALI - DALI Controller	120 MVOLT	0-EMG-LED* (*Only Available on Elite Platform)	14FK - Flange Kit for 1' X 4' Fixture FBF - Internal Fast Blow Fuse SBF - Internal Slow Blow Fuse RIS - Radio Interference Suppressor USA - Made in America Compliance AIR - Air Return (Consult Factory)







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