

INSPIRE V4 NANO SKN BRIGHT

LED TAPE LIGHT



Specifications

Colors Available	1800K Whiskey Warm White 2100K Camp Fire White 2700K Ultra Warm White 3000K Warm White 3500K Neutral White 4000K Daylight White	LEDs Per Foot	18
		Lamp Life	50,000 Hours
		Light Distribution	120°
		LED Chip	SMD 2835
Power Consumption	2.2 Watts/Foot	Dimming	MLV, Incandescent, & 0-10V*
Input Voltage	24V DC	Mounting	Non-Porous: 3M VHB Adhesive Porous: Mounting Tape
Cut Length	4 Inches	Roll Lengths	16 Feet, 50 Feet, & 100 Feet
Max Run Length	45 Feet	Certifications	cUL US LISTED
Coating	NanoSKN (Polyurethane Film)	Dimensions LxWxH	Roll Length x 1/2" x 1/8"
Product Board Color	Black	Operating Temp.	-22°F to 140°F (-30°C to 60°C)
Connector	Zeus Connector. High current capacity, secure connection, and slim design	Environment	Indoor, Damp
		Warranty	5 Year Limited

*See our Dimmer Compatibility List for a list of compatible dimmers.

Lighting Data

						TM-30-15	
COLOR (K)	LUMENS (per foot)	EFFICACY (lm/W)	± KELVIN TOLERANCE	MACADAM ELLIPSES	CRI (Ra)	FIDELITY Rf	GAMUT Rg
4000K	180	82	±40K	1.5	94+	80	98
3500K	175	80	±40K	1.5	94+	88	96
3000K	165	75	±40K	1.5	94+	93	102
2700K	145	66	±40K	1.5	94+	93	99
2100K	140	64	±40K	1.5	94+	91	106
1800K	115	52	±40K	1.5	94+	87	109

Ordering Information

#V4	[PRODUCT]	[COLOR]	[BRIGHTNESS]	[PRODUCT COLOR]	[ROLL LENGTH]	Sample Part #
	NSKN (NanoSKN)	18 (1800K)	B (Bright)	BLK (Black)	16 (16 Foot)	V4-NSKN-27-B-BLK-50
	NUDE (Nude)	21 (2100K)	SB (Super Bright)		50 (50 Foot)	
		27 (2700K)			100 (100 Foot)	
		30 (3000K)				
		35 (3500K)				
		40 (4000K)				

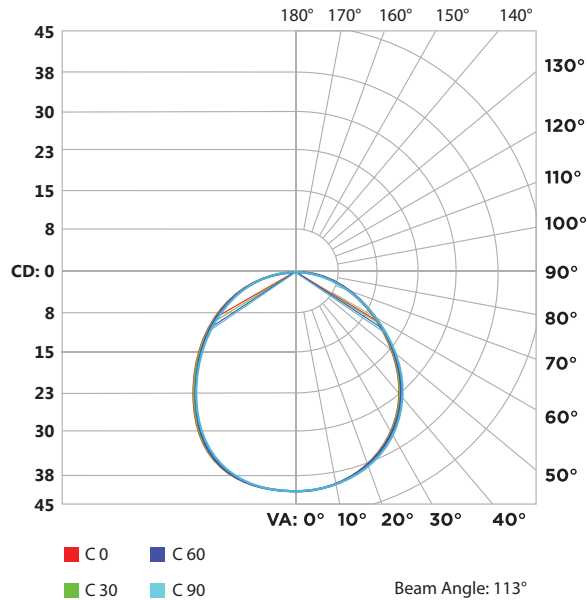
INSPIRE V4 NANO SKN BRIGHT

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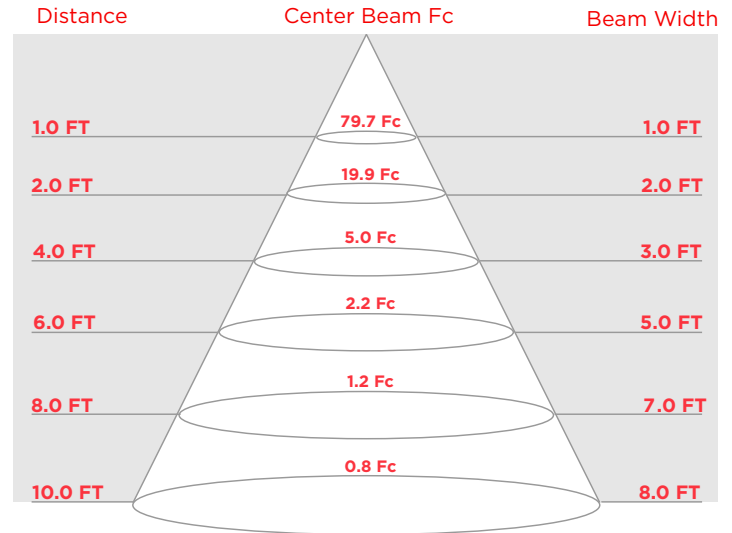


1800K Photometrics

Polar Candela Distribution



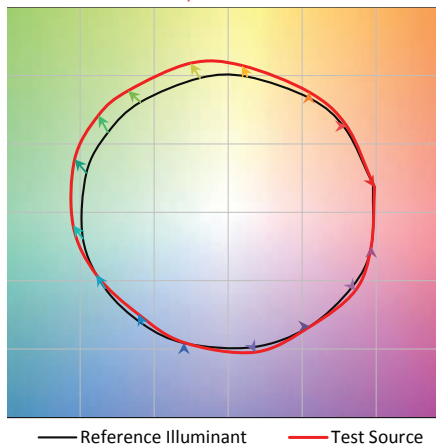
Illumination at a Distance



Tested with a 1 foot piece at 1800K

TM 30-15

Color Vector Graphic



Hue Bin Fidelity Index Chroma Change

Hue Bin	Fidelity Index	Chroma Change
1	90	1%
2	91	2%
3	89	3%
4	85	7%
5	85	12%
6	81	12%
7	76	12%
8	78	10%
9	82	5%
10	79	-1%
11	88	-4%
12	93	0%
13	94	4%
14	90	0%
15	90	3%
16	91	0%

1800K x,y Data

Point	x	y
Top Right	0.5414	0.4252
Top Left	0.5518	0.4283
Bottom Right	0.5456	0.4201
Bottom Left	0.5354	0.4172

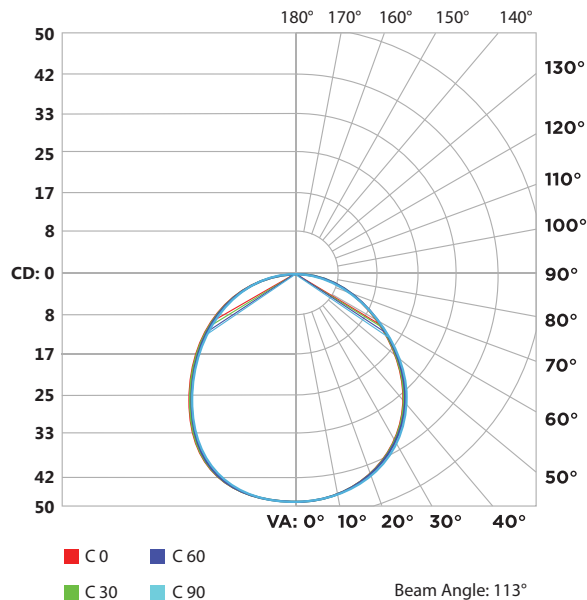
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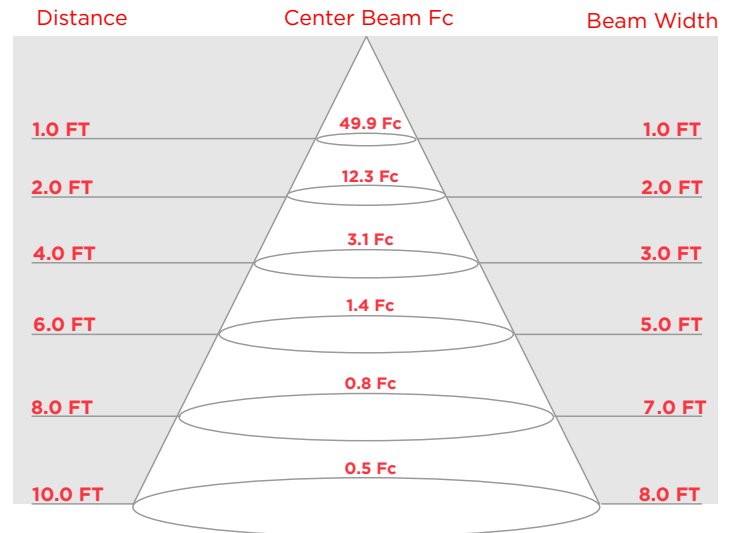


2100K Photometrics

Polar Candela Distribution



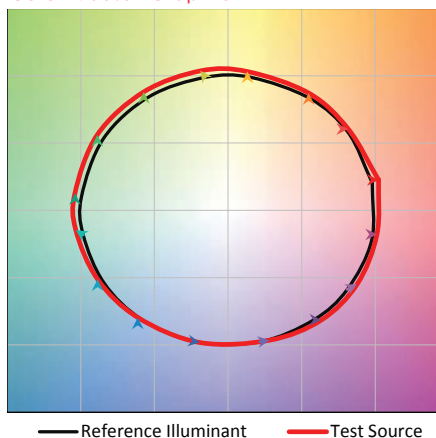
Illumination at a Distance



Tested with a 1 foot piece at 2100K

TM 30-15

Color Vector Graphic



Hue Bin Fidelity Index Chroma Change

Hue Bin	Fidelity Index	Chroma Change
1	88	5%
2	93	1%
3	89	3%
4	91	4%
5	91	5%
6	91	5%
7	91	5%
8	91	5%
9	90	4%
10	90	2%
11	92	0%
12	95	0%
13	91	0%
14	91	3%
15	88	3%
16	88	3%

2100K x,y Data

Point	x	y
Top Right	0.5109	0.4332
Top Left	0.5208	0.4338
Bottom Right	0.5136	0.4246
Bottom Left	0.5039	0.4242

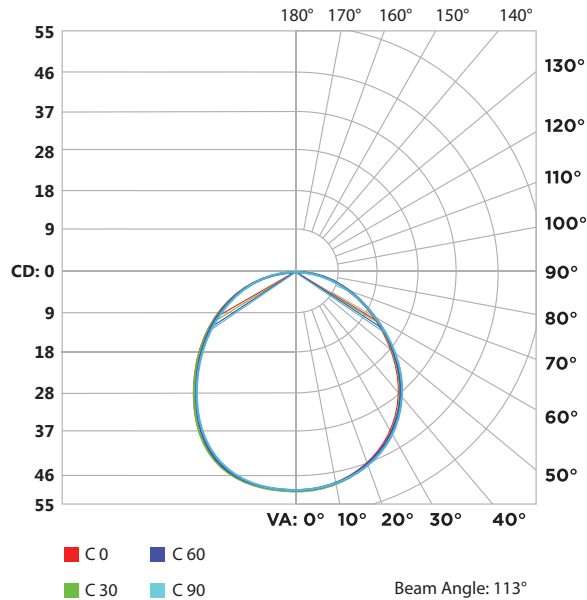
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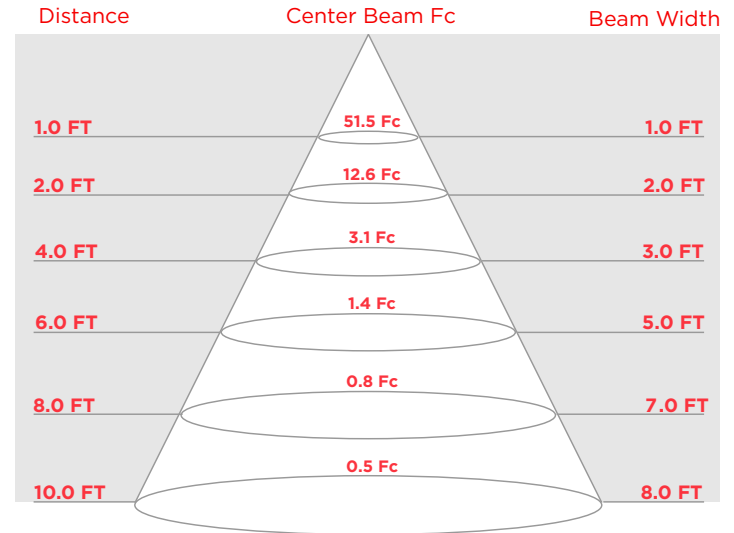


2700K Photometrics

Polar Candela Distribution



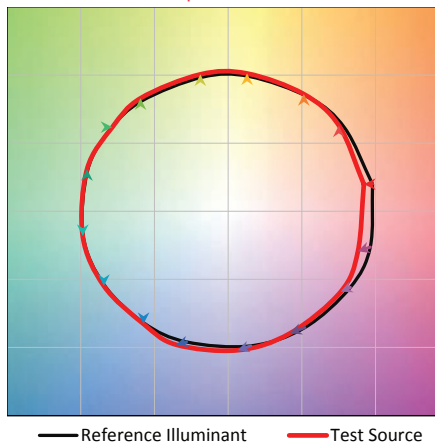
Illumination at a Distance



Tested with a 1 foot piece at 2700K

TM 30-15

Color Vector Graphic



Hue Bin	Fidelity Index	Chroma Change
1	89	-6%
2	91	-2%
3	90	0%
4	95	2%
5	96	2%
6	94	2%
7	95	0%
8	97	1%
9	98	0%
10	96	1%
11	97	1%
12	89	3%
13	87	1%
14	86	-2%
15	88	-4%
16	88	-8%

2700K x,y Data

Point	x	y
Top Right	0.4756	0.4312
Top Left	0.4860	0.4343
Bottom Right	0.4803	0.4241
Bottom Left	0.4701	0.4212

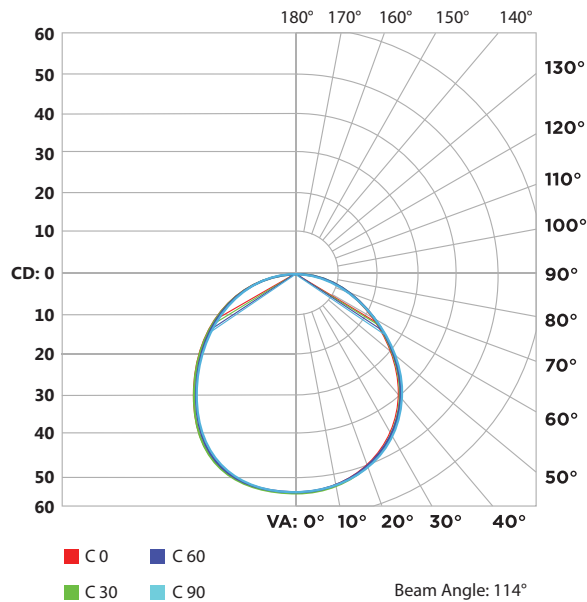
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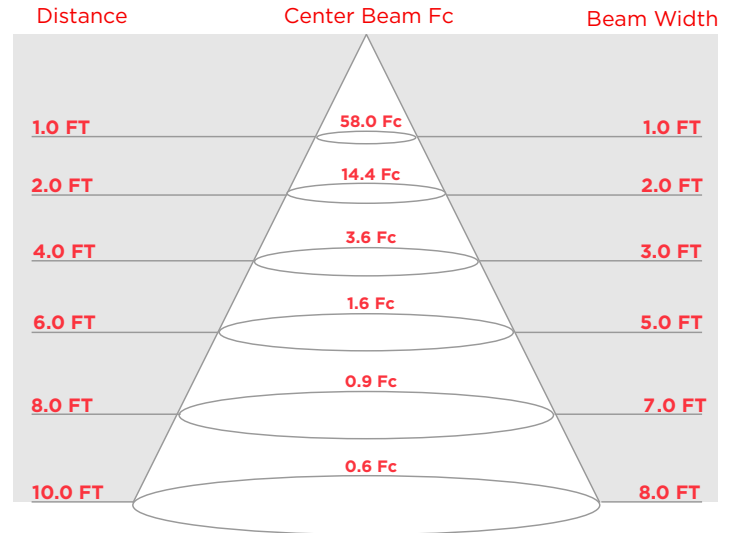


3000K Photometrics

Polar Candela Distribution



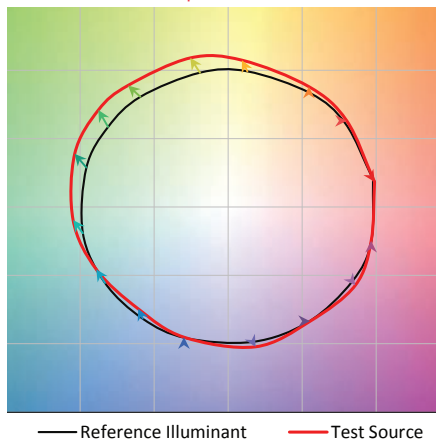
Illumination at a Distance



Tested with a 1 foot piece at 3000K

TM 30-15

Color Vector Graphic



Hue Bin	Fidelity Index	Chroma Change
1	95	2%
2	96	0%
3	93	1%
4	90	2%
5	92	4%
6	95	2%
7	95	0%
8	97	0%
9	96	-2%
10	91	-2%
11	91	-1%
12	89	0%
13	90	2%
14	91	3%
15	92	4%
16	96	2%

3000K x,y Data

Point	x	y
Top Right	0.4255	0.4170
Top Left	0.4339	0.4201
Bottom Right	0.4302	0.4099
Bottom Left	0.4220	0.4070

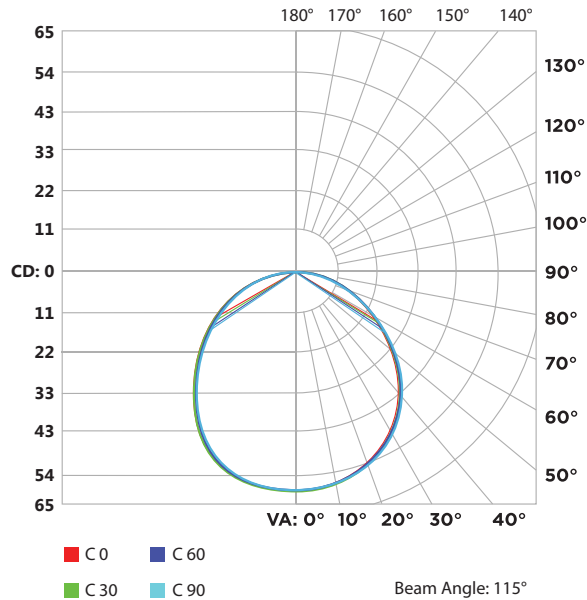
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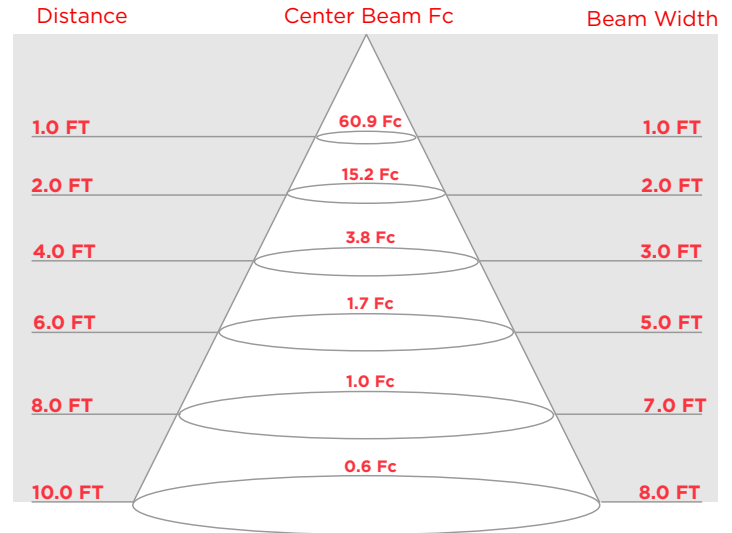


3500K Photometrics

Polar Candela Distribution



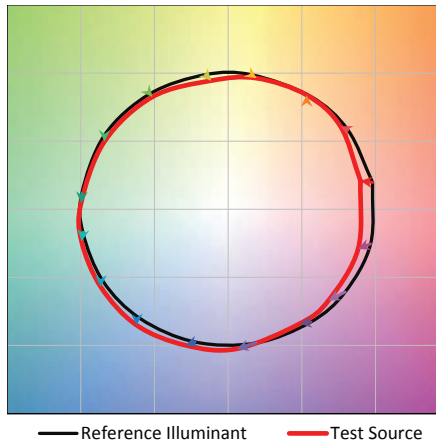
Illumination at a Distance



Tested with a 1 foot piece at 3500K

TM 30-15

Color Vector Graphic



Hue Bin Fidelity Index Chroma Change

Hue Bin	Fidelity Index	Chroma Change
1	82	-8%
2	89	-3%
3	92	-1%
4	92	-2%
5	90	-5%
6	94	-3%
7	90	-3%
8	88	-1%
9	89	2%
10	91	4%
11	89	5%
12	87	4%
13	83	2%
14	86	-3%
15	80	-6%
16	79	-8%

3500K x,y Data

Point	x	y
Top Right	0.4001	0.4089
Top Left	0.4085	0.4120
Bottom Right	0.4053	0.4018
Bottom Left	0.3971	0.3989

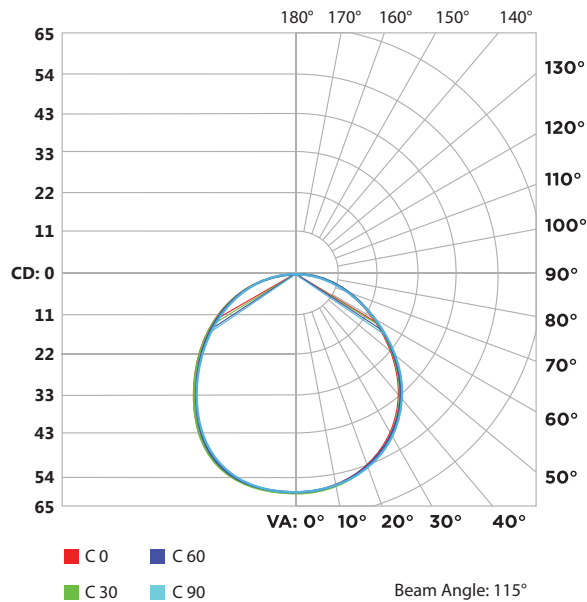
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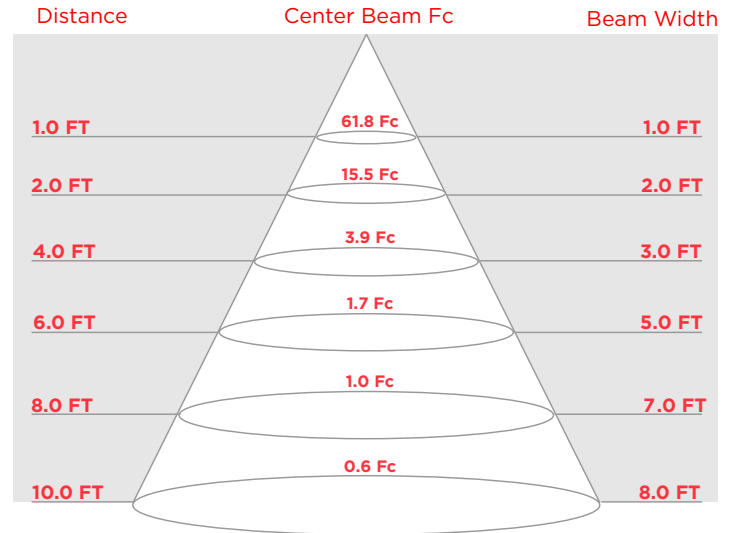


4000K Photometrics

Polar Candela Distribution



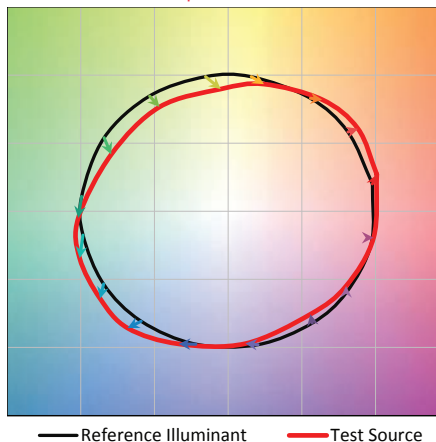
Illumination at a Distance



Tested with a 1 foot piece at 4000K

TM 30-15

Color Vector Graphic



Hue Bin	Fidelity Index	Chroma Change
1	80	4%
2	83	7%
3	83	4%
4	81	-4%
5	78	-11%
6	81	-10%
7	76	-11%
8	73	-1%
9	75	6%
10	79	8%
11	81	9%
12	79	2%
13	84	-2%
14	86	-6%
15	87	-3%
16	81	1%

4000K x,y Data

Point	x	y
Top Right	0.3719	0.3919
Top Left	0.3803	0.3950
Bottom Right	0.3776	0.3848
Bottom Left	0.3694	0.3819

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ACCESSORIES



V4 Zeus Hardwire Connectors
18AWG 10FT (10) or 25FT (25) power
lead cables
#V4-CON-HW-XX-IWR-BLK



V4 Zeus Extension Cables
2IN, 4IN, 1FT, 3FT, 6FT & 12FT extension
cables
#V4-EXT-XXX-IWR-BLK



V4 Zeus T-Connector
Splitter connector cable
#V4-CON-T-IWR-BLK



Stainless Steel Mounting Tape
16FT roll for permanent mounting to
porous surfaces
#MOUNT-TAPE-16



**Electronic Non-Dimmable Wall
Plug-In Drivers**
36W, 96W & 144W
DR-XXW-24VDC-120V-2-ND



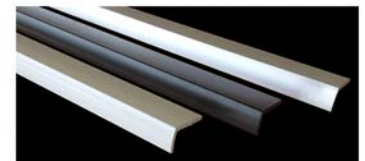
**MLV & MLV/Incandescent
Dimmable 120VAC Drivers**
MLV: 20W, 40W, 60W, 96W, 150W,
192W, 200W, 288W, & 300W
MLV/Incand.: 20W, 40W, 60W, 96W



**Electronic 0-10V Dimmable
120-277VAC Drivers**
25W, 60W, 100W, 25W, 60W &
150W, 240W & 320W 200W



**Electronic Non-Dimmable
120-277VAC Drivers**
25W, 60W, 100W, 25W, 60W &
150W, 240W & 320W 200W



Aluminum 5FT Strip Channel
For mounting under cabinets with no trim
Aluminum: #STRIPCHAN5FT-AL
Bronze: #STRIPCHAN5FT-BZ
White: #STRIPCHAN5FT-WH



Low Voltage Wire
12 AWG - 18 AWG CL3P
Contact our Design Team



Low Voltage Junction Box
#JBOX-1
For extending single color lead wires.