



2019 PRODUCT CATALOG

PHILADELPHIA, PA

COMCAST: A MAGNILUMEN™ STORY

In 2014, Comcast approached Hatzel & Buehler, Inc. to spearhead their search for an alternate lighting concept to replace the fluorescent lighting at the Comcast Center. After thorough research and mock-up installations, a collective decision was made to move forward with ZLEDLighting. In addition to offering the most suitable products for the Comcast Center, ZLEDLighting's installation experience and product knowledge further distinguished them.

ZLEDLighting provided magnetically backed LED retrofit kits, as well as CFL replacement fixtures for the Comcast Center Project. Both products install very quickly with minimal tools, and have high efficiency ratings.

Both products combined yielded a 61% reduction in lighting load per floor, an overall energy savings of 1,600,000 kWh.

Despite the difficult floor-plan and high ceilings, the simplified design and compactness of the ZLEDLighting products provided a more efficient installation, when compared to conventional fixture replacements. In partnership with ZLEDLighting, Hatzel & Buehler was able to meet Comcast's extremely aggressive schedule for completion.

The entire project will have an ROI of less than 2 years.



A LETTER FROM OUR PRESIDENT

Dear FANS,

Welcome to ZLEDLighting. Our goal is to provide the highest quality and most diverse line of LED products in the United States today. From our retrofit lamps to Magnilumen products and customer specific solutions, we are able to design and produce unlimited LED products to meet any project requirement or lighting designer's concepts. We deliver value, differentiation, and product and service improvement each and every day.

Since 2009, ZLEDLighting has been the true pioneer in the arenas of both LED retrofit products and new LED fixtures incorporating the latest LED technology in every product we produce. From our beginnings in Cherry Hill, New Jersey, Magnilumen and our other LED products have grown extensively and can be found in electrical distributors across the United States or where ever a high-quality LED product is needed. The industrial, commercial, educational and medical markets have all found lighting design and energy solutions with ZLEDLighting products.

Customer satisfaction is our primary goal and our investment in research, product development and production are necessary to help satisfy our customers with their lighting design needs. We do not consider our customers to be just customers, we consider them to be FANS of ZLEDLighting. We understand that our FANS can buy LED lighting products from a variety of sources, so we concentrate not only on just the high-quality products themselves, but to be the best customer service orientated LED company in the industry. We hope that you will give us the chance to show you how we can turn you from just a customer into a FAN of ZLEDLighting.



Ross Greenberg, IALD, LC LEED-AP O&M





Betty and Milton Katz Jewish Community Center, Cherry Hill, NJ. Photograph by DJimages.BIZ.



Due to rapid advancements in LED technology, these specifications are subject to change without notice.
Please visit us online at www.zled-lighting.com for our full product line, ordering details and warranty information.

Non-stock special order items are non-returnable and could take up to 60 days for delivery.
Consult factory for current DLC listings and other certifications prior to submitting for rebate.

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MAGNETIC RETROFIT LINE

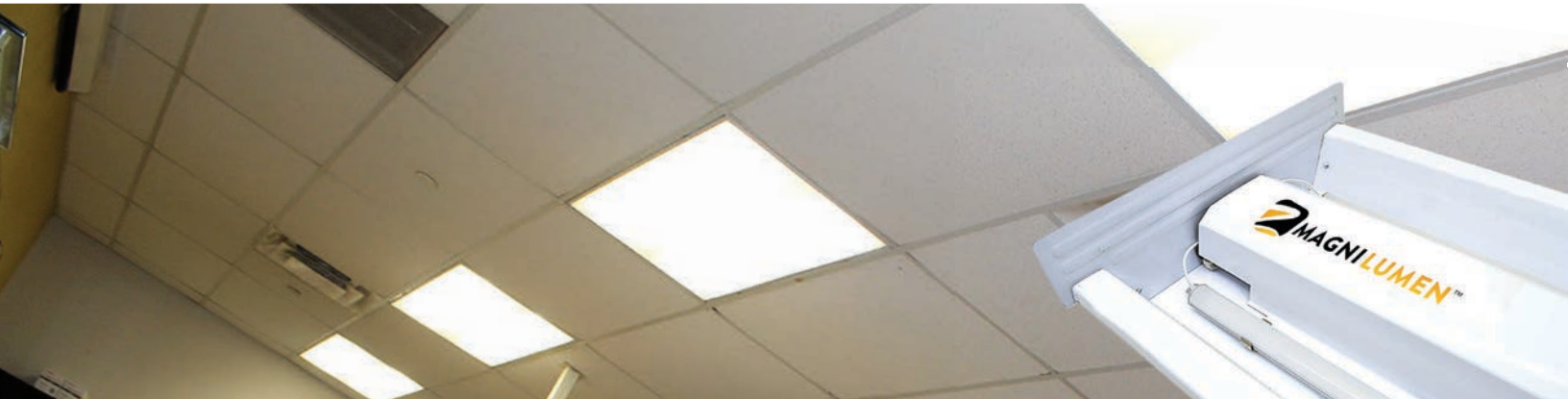




THE IDEAL RETROFIT SYSTEM



MAGNOLUMEN™ has been in the forefront of Magnetic LED Fluorescent Retrofit Kits and can be used to retrofit almost any light fixture. Each kit contains everything needed to retrofit including a driver, LED boards, magnetic mounting clips, a plug-and-play wiring harness and wire screws. This product is perfect for hospitals, schools, office buildings, car dealerships, correctional facilities, show rooms, retail stores and any structure looking for a brighter and crisper lighting scene.



You must see it to believe it (install it in under 10 minutes)

- Magnetic mounting and quick connect wiring make installation simple and efficient.
- LED technology uses less energy than fluorescent tubes (up to 75% less) and Energy Saving Rebates are available.
- High efficacy (150 lumens/watt) creates a bright lumination that will last over 100,000 hours.
- Available in a range of color temperatures and lengths.

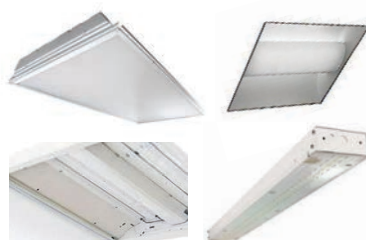
Maximum Watts per LED Board

LED Board Size: Max Watts per Board (per Color Temp.)

- 16in: 10W (3000-6000K) 10W (Red/Green/Blue/Black)
- 2ft: 10W (3000-6000K) 10W (Red/Green/Blue/Black)
- 3ft: 20W (3000-6000K) 15W (Red/Green/Blue/Black)
- 4ft: 25W (3000-6000K) 20W (Red/Green/Blue/Black)
- 5ft: 30W (3000-6000K) 25W (Red/Green/Blue/Black)

The Ideal Replacement for a Variety of Fixtures

- Troffers
- Surface Mounts
- Channel Lights
- Vapor Lights
- High Bays
- Direct and Indirect
- Cove Lighting



Product Features & Specifications

- Voltage Input: 120-305VAC
- Luminous Efficiency: >150 lm/W for the LED module >124-132 lm/W in a luminaire
- CRI (Ra): 83 nominal, up to 95 CRI available
- Power Factor: >.920
- L70: >100,000 hours
- IP: LED Board - IP30 LED Driver - IP20
- Warranty: 5 years

MAGNETIC LED FLUORESCENT RETROFIT KITS

16in. (16") Retrofit Kit (F15 Lamp Replacement)

PRODUCT #	LED STRIPS	WATTAGES	# OF DRIVERS - TOTAL WATTAGE	COLOR TEMP.	LUMENS (WITH/WITHOUT FROSTED DIFFUSER)	CERT.
MRK-1-F15-5W	1 x 16"	5W	1 - 5W	40K, 50K, 60K	600/710	ETL
MRK-1-F15-10W	1 x 16"	10W	1 - 10W	40K, 50K, 60K	1,200/1,420	ETL
MRK-2-F15-10W	2 x 16"	10W	1 - 10W	40K, 50K, 60K	1,200/1,420	ETL
MRK-2-F15-20W	2 x 16"	20W	1 - 20W	40K, 50K, 60K	2,400/2,840	ETL

2ft. (21") Retrofit Kit

PRODUCT #	LED STRIPS	WATTAGES	# OF DRIVERS - TOTAL WATTAGE	COLOR TEMP.	LUMENS (WITH/WITHOUT FROSTED DIFFUSER)	CERT.
MRK1210	1 x 2'	10W	1 - 10W	30K, 35K, 40K, 50K, 60K	1,200/1,420	ETL, DLC Premium
MRK2220	2 x 2'	20W	1 - 20W	30K, 35K, 40K, 50K, 60K	2,400/2,840	ETL, DLC Premium
MRK3220	3 x 2'	20W	1 - 20W	30K, 35K, 40K, 50K, 60K	2,400/2,840	ETL, DLC Premium
MRK3230	3 x 2'	30W	1 - 30W	30K, 35K, 40K, 50K, 60K	3,600/4,260	ETL, DLC Premium
MRK3240	3 x 2'	40W	1 - 40W	30K, 35K, 40K, 50K, 60K	5,000/5,000	ETL, DLC Premium
MRK4230	4 x 2'	30W	1 - 30W	30K, 35K, 40K, 50K, 60K	3,600/4,260	ETL
MRK4240	4 x 2'	40W	1 - 40W	30K, 35K, 40K, 50K, 60K	4,800/5,680	ETL
MRK4250	4 x 2'	50W	1 - 50W	30K, 35K, 40K, 50K, 60K	6,000/7,100	ETL

3ft. (31") Retrofit Kit

PRODUCT #	LED STRIPS	WATTAGES	# OF DRIVERS - TOTAL WATTAGE	COLOR TEMP.	LUMENS (WITH/WITHOUT FROSTED DIFFUSER)	CERT.
MRK1310	1 x 3'	10W	1 - 10W	30K, 35K, 40K, 50K, 60K	1,200/1,420	ETL, DLC Premium
MRK2320	2 x 3'	20W	1 - 20W	30K, 35K, 40K, 50K, 60K	2,400/2,840	ETL, DLC Premium
MRK3320	3 x 3'	20W	1 - 20W	30K, 35K, 40K, 50K, 60K	2,400/2,840	ETL
MRK3330	3 x 3'	30W	1 - 30W	30K, 35K, 40K, 50K, 60K	3,600/4,260	ETL, DLC Premium
MRK3340	3 x 3'	40W	1 - 40W	30K, 35K, 40K, 50K, 60K	4,800/5,680	ETL
MRK4350	4 x 3'	50W	1 - 50W	30K, 35K, 40K, 50K, 60K	6,000/7,100	ETL

4ft. (43") Retrofit Kit

PRODUCT #	LED STRIPS	WATTAGES	# OF DRIVERS - TOTAL WATTAGE	COLOR TEMP.	LUMENS (WITH/WITHOUT FROSTED DIFFUSER)	CERT.
MRK1410	1 x 4'	10W	1 - 10W	30K, 35K, 40K, 50K, 60K	1,200/1,420	ETL, DLC Premium
MRK1420	1 x 4'	20W	1 - 20W	30K, 35K, 40K, 50K, 60K	2,400/2,840	ETL, DLC Premium
MRK2420	2 x 4'	20W	1 - 20W	30K, 35K, 40K, 50K, 60K	2,400/2,840	ETL, DLC Premium
MRK2430	2 x 4'	30W	1 - 30W	30K, 35K, 40K, 50K, 60K	3,600/4,260	ETL, DLC Premium
MRK2440	2 x 4'	40W	1 - 40W	30K, 35K, 40K, 50K, 60K	4,800/5,680	ETL, DLC Premium
MRK2450	2 x 4'	50W	1 - 50W	30K, 35K, 40K, 50K, 60K	6,000/7,100	ETL, DLC Premium
MRK3430	3 x 4'	30W	1 - 30W	30K, 35K, 40K, 50K, 60K	3,600/4,260	ETL, DLC Premium
MRK3440	3 x 4'	40W	1 - 40W	30K, 35K, 40K, 50K, 60K	4,800/5,680	ETL, DLC Premium
MRK3450	3 x 4'	50W	1 - 50W	30K, 35K, 40K, 50K, 60K	6,000/7,100	ETL, DLC Premium
MRK4440	4 x 4'	40W	1 - 40W	30K, 35K, 40K	5,000/6,000	ETL
MRK4450	4 x 4'	50W	1 - 50W	30K, 35K, 40K	6,000/7,100	ETL
MRK4460	4 x 4'	60W	1 - 60W	30K, 35K, 40K	7,500/9,000	(Pending)
MRK4475	4 x 4'	75W	1 - 75W	30K, 35K, 40K	9,375/11,250	(Pending)

5ft. (58") Retrofit Kit

PRODUCT #	LED STRIPS	WATTAGES	# OF DRIVERS - TOTAL WATTAGE	COLOR TEMP.	LUMENS (WITH/WITHOUT FROSTED DIFFUSER)	CERT.
MRK1520	1 x 5'	20W	1 - 20W	30K, 35K, 40K, 50K, 60K	2,400/2,840	ETL
MRK1530	1 x 5'	30W	1 - 30W	30K, 35K, 40K, 50K, 60K	3,600/4,260	ETL
MRK2530	2 x 5'	30W	1 - 30W	30K, 35K, 40K, 50K, 60K	3,600/4,260	ETL
MRK2540	2 x 5'	40W	1 - 40W	30K, 35K, 40K, 50K, 60K	4,800/5,680	ETL
MRK2550	2 x 5'	50W	1 - 50W	30K, 35K, 40K, 50K, 60K	6,000/7,100	ETL
MRK3540	3 x 5'	40W	1 - 40W	30K, 35K, 40K, 50K, 60K	4,800/5,680	ETL
MRK3550	3 x 5'	50W	1 - 50W	30K, 35K, 40K, 50K, 60K	6,000/7,100	ETL
MRK4550	4 x 5'	50W	1 - 50W	30K, 35K, 40K, 50K, 60K	6,000/7,100	ETL
MRK4560	4 x 5'	60W	1 - 60W	30K, 35K, 40K	7,500/9,000	(Pending)
MRK4575	4 x 5'	75W	1 - 75W	30K, 35K, 40K	9,375/11,250	(Pending)

SPECIALTY KITS

ZLEDlighting offers its Magnilumen Magnetic Retrofit Kit in a variety of colors and a special UV Blocking (Amber) lens to eliminate UV radiation, thus creating a safer and more efficient working area.

SPECIALTY COLORS

2ft. (21") Specialty Colors

PRODUCT #	LED STRIPS	WATTAGES	# OF DRIVERS - TOTAL WATTAGE	COLOR TEMP.	CERT.
MRK2220	2 x 2'	20W	1 - 20W	Red, Green, Blue, UV Blocking (Amber), Black Light (BL), 60K (6000K)	ETL
MRK3220	3 x 2'	20W	1 - 20W	Red, Green, Blue, UV Blocking (Amber), Black Light (BL), 60K (6000K)	ETL
MRK3230	3 x 2'	30W	1 - 30W	Red, Green, Blue, UV Blocking (Amber), Black Light (BL), 60K (6000K)	ETL
MRK4230	4 x 2'	30W	1 - 30W	Red, Green, Blue, UV Blocking (Amber), Black Light (BL), 60K (6000K)	ETL

4ft. (43") Specialty Colors

PRODUCT #	LED STRIPS	WATTAGES	# OF DRIVERS - TOTAL WATTAGE	COLOR TEMP.	CERT.
MRK2430	2 x 4'	30W	1 - 30W	Red, Green, Blue, UV Blocking (Amber), Black Light (BL), 60K (6000K)	ETL
MRK2440	2 x 4'	40W	1 - 40W	Red, Green, Blue, UV Blocking (Amber), Black Light (BL), 60K (6000K)	ETL
MRK3440	3 x 4'	40W	1 - 40W	Red, Green, Blue, UV Blocking (Amber), Black Light (BL), 60K (6000K)	ETL
MRK3450	3 x 4'	50W	1 - 50W	Red, Green, Blue, UV Blocking (Amber), Black Light (BL), 60K (6000K)	ETL
MRK4450	4 x 4'	50W	1 - 50W	Red, Green, Blue, UV Blocking (Amber), Black Light (BL), 60K (6000K)	ETL

Specialty colors efficacy: 20 lumens per watt. Amber available in 5ft.

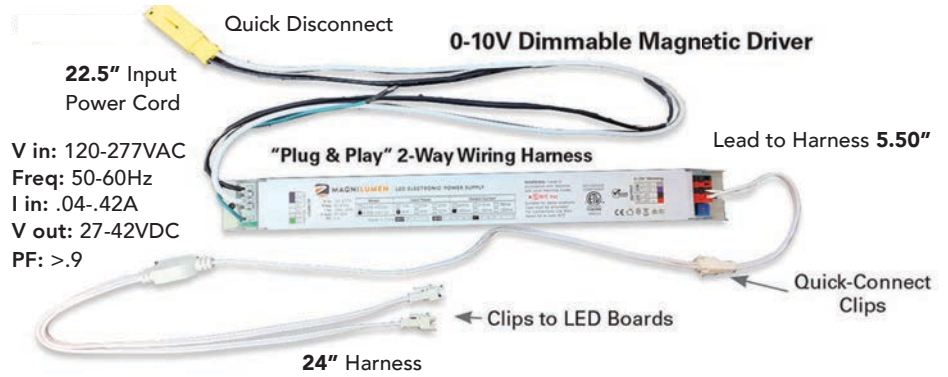


THE COMPONENTS

Removable Diffuser Lens



- Frosted (standard)
- Clear (special order)
- None (special order)
- 130 lm/W with frosted diffuser
- 150 lm/W without frosted diffuser



Product Mounting Options

PRODUCT	DESCRIPTION
Mag-No-Hook	(Standard) Clip with magnet. Magnetic attachment only.
Mag-Hook	(Standard) Clip with magnet and tab feet for optional TekScrew attachment.
No-Mag-Hook-Only	Tab feet for TekScrew attachment - NOT Magnetic.
No-Mag-No-Hook	Clip with center hole for TekScrew attachment - NOT Magnetic.
45-Degree-Angle	45 Degree angled clip with magnet.



Standard Drivers

PRODUCT	DESCRIPTION
Driver-10W	10W Dimmable driver
Driver-20W	20W Dimmable driver
Driver-30W	30W Dimmable driver
Driver-40W	40W Dimmable driver
Driver-50W	50W Dimmable driver
Driver-60W	60W Dimmable driver
Driver-75W	75W Dimmable driver

Plug & Play Harnesses

Harness-1-way Connects 1 LED board to 1 driver.
Lead from driver connection to splitter: 11.00"; 1 board lead: 11.75"

Harness-1-way-Ext-8 Connects 1 LED board to 1 driver, has 8 ft extension on driver end.

Harness-1-way-Ext-16 Connects 1 LED board to 1 driver, has 16 ft extension on driver end.

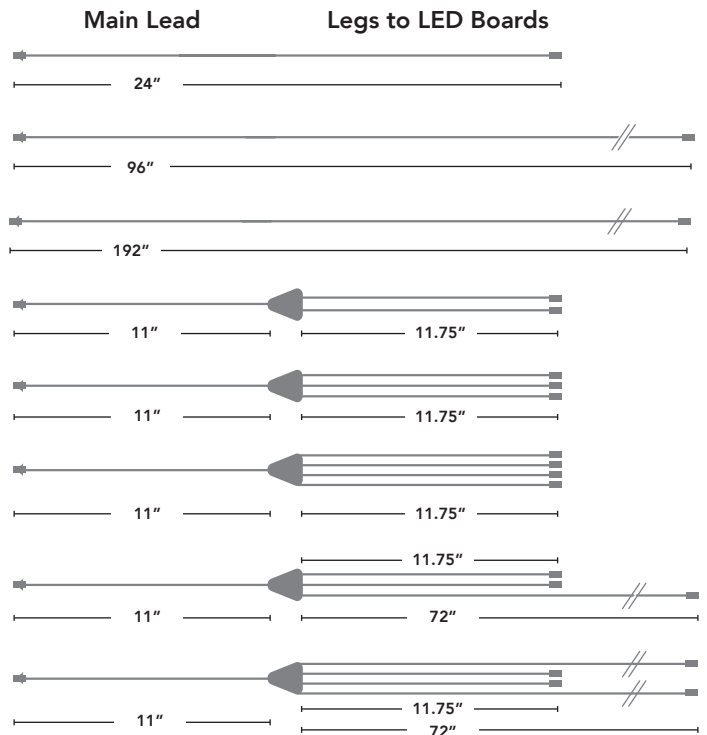
Harness-2-way Connects 2 boards to 1 driver (Standard)
Lead from driver connection to splitter: 11.00"; 2 board leads: each 11.75"

Harness-3-way Connects 3 boards to 1 driver
Lead from driver connection to splitter: 11.00"; 3 board leads: each 11.75"

Harness-4-way Connects 4 led boards to 1 driver
Lead from driver connection to splitter: 11.00"; 4 board leads: each 11.75"

Harness-3-way-Ext (Special Order) Connects 3 boards to 1 driver, has 6 ft extension on driver end. Lead from driver connection to splitter: 11.00"; 2 board leads: each 11.75", 1 board lead: 72.00"

Harness-4-way-Ext (Special Order) Connects 4 boards to 1 driver, 2 leads have has 6 ft extension. Lead from driver connection to splitter: 11.00"; 2 board leads: each 11.75", 2 board leads: each 72.00"



MAGNILUMEN™ is the perfect LED retrofit solution for 4ft. and 8ft. industrial channel fixtures and vapor tights.

Vapor Tight



8ft. T8, T12 or HO industrial channel replacement systems.

How It's Done

8-12ft. Height Replacement - Suggested Quantity

- 1-MRK2440-XXK 4,800 lumens with frosted diffusers
- Total System Wattages: 40W

15ft. Height Replacement - Suggested Quantity

- 1-MRK2450-XXK 6,000 lumens with frosted diffusers
- Total System Wattages: 50W

17-20ft. Height Replacement - Suggested Quantity

- 2-MRK2440-XXK 11,040 lumens remove frosted diffusers
- Total System Wattages: 80W

20-25ft. Height Replacement - Suggested Quantity

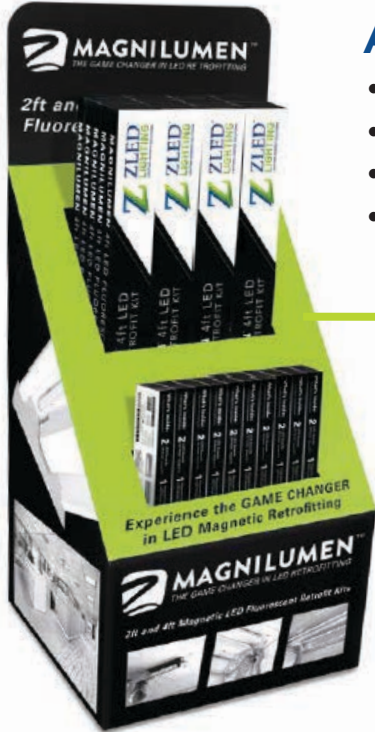
- 2-MRK2450-XXK 13,800 lumens remove frosted diffusers
- Total System Wattages: 100W



- You can replace any two lamps, 4ft. or 8ft. T8 with any of the above systems using the suggested kit or kits for the fixture height.
 - To replace HO fluorescent tubes of 110 watts each at the above fixture heights, use kits equaling 50% of the wattage being used and increase MRK kit wattage as fixture height increases.
 - For T5 lamps use approximately 50% of total existing T5 wattage HO or regular.
 - A completely new ballast cover with kits pre-installed are available for most 4ft. and 8ft. fixtures, to give the channel fixture a new look.
 - New industrial channel fixtures with unique lighting features to spread the light both downward and side to side are available.
 - Diffusers reduce lumens by 15% (easily removed or clear is an option).
 - For vapor tight fixtures that are 4ft. and 8ft. use above specs while always removing the Magnilumen diffusers.
 - Please consult your sales rep or inside ZLEDLighting/Magnilumen support team for any application questions.
- Thousands of happy retrofitted customers are saving money and increasing production through better lighting!

DISTRIBUTOR DISPLAY OPPORTUNITIES

Floor Pop Display - Less than 2 x 2' footprint



All Retrofit Kits Include

- LED Boards
- LED Driver (power supply)
- Wiring Harness
- Magnetic Mounting

Part #: MAG-POP-DISPLAY

Grab & Go for Contractors

Holds 20 piece 4' kits and 10 piece 2' kits, available with retail packaged kits only.

MRK2430-XXK, MRK2440-XXK
MRK2450-XXK, MRK2220-XXK
Mix & Match Kelvin Temps.



DISTRIBUTOR WORKING DISPLAY OPPORTUNITIES

Working 4' Display - Includes 4" x 9" Rack & Holder



Part #: MAG-LIT-DISPLAY



COMING SOON 2020!
MAGNILUMEN PLUS
The most energy efficient
Magnetic Fixture Retrofit
on the planet.
Check online at
www.Magnilumen.com

Retail Packaging - Full-Color Box Sleeve Design with Installation Directions (Available only on kits listed below)

PRODUCT #	LED STRIPS	WATTAGES	# OF DRIVERS - TOTAL WATTAGE	COLOR TEMP.	LUMENS (WITH/WITHOUT FROSTED DIFFUSER)	CERT.
MRK2430-XXK-RP	2 x 4'	30W	1 - 30W	35K, 40K, 50K	3,600/4,260	ETL, DLC Premium
MRK2440-XXK-RP	2 x 4'	40W	1 - 40W	35K, 40K, 50K	4,800/5,680	ETL, DLC Premium
MRK2450-XXK-RP	2 x 4'	50W	1 - 50W	35K, 40K, 50K	6,000/7,100	ETL, DLC Premium
MRK2220-XXK-RP	2 x 2'	20W	1 - 20W	35K, 40K, 50K	2,400/2,840	ETL, DLC Premium

LED RETROFIT LAMPS & KITS





HIGH EFFICIENCY LED CORN LAMPS



Applications

Warehouse and manufacturing factories, outdoor post tops, bollards, commercial and residential recessed cans, and institutional and educational facilities.

Product Features

- **Wattages:** 30W, 40W, 60W, 80W, 100W, 120W, 150W, 200W, 250W, 300W
- **Color Temperatures:** 50K (standard), 30K, 40K, 60K (special order)
- **Efficacy:** 155 lm/W
- **Voltage Input:** 100-277VAC, 480VAC available for all except 30W

Retrofit Existing Fixtures



Internal Aluminum Heat Sink

Chips exposed to air for active cooling



Fan for active cooling of the driver

IP20

Specifications

PRODUCT #	WATTAGES	DIMENSIONS (WxL)	LUMENS (+/-10%)	SUGGESTED HID EQUIV.	CERT.
C-E26-30-50K-HE	30W	3.66" x 7.28"	4,650	175-200W	ETL
C-E39-30-50K-HE	30W	3.66" x 7.68"	4,650	175-200W	ETL, DLC
C-E26-40-50K-HE	40W	4.17" x 7.87"	6,200	200-250W	ETL
C-E39-40-50K-HE	40W	4.17" x 8.27"	6,200	200-250W	ETL, DLC
C-E26-60-50K-HE	60W	4.17" x 9.84"	9,300	250-300W	ETL
C-E39-60-50K-HE	60W	4.17" x 10.24"	9,300	250-300W	ETL, DLC
C-E26-80-50K-HE	80W	4.17" x 10.63"	12,400	400-475W	ETL
C-E39-80-50K-HE	80W	4.17" x 11.02"	12,400	400-475W	ETL, DLC
C-E26-100-50K-HE	100W	4.17" x 11.61"	15,500	400-600W	ETL
C-E39-100-50K-HE	100W	4.17" x 12.01"	15,500	400-600W	ETL, DLC
C-E39-120-50K-HE	120W	5.20" x 10.63"	18,600	400-720W	ETL, DLC
C-E39-150-50K-HE	150W	5.20" x 10.63"	23,250	400-900W	ETL, DLC
C-E39-200-50K-HE	200W	5.20" x 11.73"	31,000	1000-1200W	ETL, DLC
C-E39-250-50K-HE	250W	5.20" x 12.28"	38,750	1000-1500W	ETL, DLC
C-E39-300-50K-HE	300W	5.20" x 13.39"	45,000	1000-1500W	ETL, DLC

NOTE: Approved for suitable use in enclosed fixtures for all except 200W, 250W and 300W. E26, E39 and EX39 are available for most models. DLC for approved fixture categories with E39 or EX39 bases only. Ballast bypass. Consult before purchasing for rebate.

IP65 LED CORN LAMPS



Applications

Enclosed outdoor fixtures, outdoor post tops, bollards, commercial and residential recessed cans, shoeboxes, and wall packs.

Product Features

- **Wattages:** 16W, 20W, 27W, 36W, 45W, 54W, 75W, 80W, 100W, 120W
- **Color Temperatures:** 50K (standard), 27K, 30K, 40K, 60K (special order)
- **Efficacy:** 150 lm/W
- **Voltage Input:** 100-277VAC

Retrofit Existing Fixtures



IP65

Specifications

PRODUCT #	WATTAGES	DIMENSIONS (WxL)	LUMENS (+/-10%)	SUGGESTED HID EQUIV.	CERT.
C-E26-16-IP65-G2-50K	16W	2.95" x 6.49"	2,400	75-100W	UL
C-E26-20-IP65-G2-50K	20W	2.38" x 7.19"	3,300	75-125W	UL
C-E26-27-IP65-G2-50K	27W	3.74" x 6.89"	4,050	100-175W	UL
C-E39-27-IP65-G2-50K	27W	3.74" x 7.28"	4,050	100-175W	UL, DLC
C-E26-36-IP65-G2-50K	36W	3.74" x 7.87"	5,400	150-200W	UL
C-E39-36-IP65-G2-50K	36W	3.74" x 8.27"	5,400	150-200W	UL, DLC
C-E26-45-IP65-G2-50K	45W	3.74" x 8.86"	6,750	200-250W	UL
C-E39-45-IP65-G2-50K	45W	3.74" x 9.25"	6,750	200-250W	UL, DLC
C-E26-54-IP65-G2-50K	54W	3.74" x 9.84"	8,100	250-325W	UL
C-E39-54-IP65-G2-50K	54W	3.74" x 10.24"	8,100	250-325W	UL, DLC
C-E26-75-IP65-G2-50K	75W	3.74" x 11.81"	9,750	350-450W	UL
C-E39-75-IP65-G2-50K	75W	3.74" x 12.20"	9,750	350-450W	UL, DLC
C-E39-80-IP65-G2-50K	80W	5.51" x 9.05"	12,000	400-475W	UL, DLC
C-E39-100-IP65-G2-50K	100W	5.51" x 9.65"	15,000	400-600W	UL, DLC
C-E39-120-IP65-G2-50K	120W	5.51" x 10.43"	18,000	400-700W	UL, DLC

NOTE: Approved for suitable use in enclosed fixtures for all. Medium base (E26) can be converted to Mogul base (E39) without adding any length by using "Adapter-8". DLC for approved fixture categories and only with E39 base. Ballast bypass.

STUBBY LED CORN LAMPS



Applications

Warehouse and manufacturing factories, outdoor post tops, bollards, commercial and residential recessed cans, and institutional and educational facilities. Perfect for when high lumen output is needed in small-dimension fixtures.

Product Features

- **Wattages:** 30W, 40W, 50W, 65W, 85W, 105W, 135W
- **Color Temperatures:** 50K (standard), 30K, 40K, 60K (special order)
- **Voltage Input:** 100-277VAC, 480VAC for all except 30W & 105W

Retrofit Existing Fixtures



Aluminum PCB & core heat sink



IP20

Driver with internal fan for active cooling

Specifications

PRODUCT #	WATTAGES	DIMENSIONS (WxL)	LUMENS (+/-10%)	SUGGESTED HID EQUIV.	CERT.
C-E26-30-50K-STUB	30W	4.17" x 6.30"	4,650	175-200W	ETL
C-E39-30-50K-STUB	30W	4.17" x 6.69"	4,650	175-200W	ETL
C-E26-40-50K-STUB	40W	4.17" x 6.30"	6,200	200-250W	ETL
C-E39-40-50K-STUB	40W	4.17" x 6.69"	6,200	200-250W	ETL, DLC
C-E26-50-50K-STUB	50W	4.17" x 6.30"	7,750	250-300W	ETL
C-E39-50-50K-STUB	50W	4.17" x 6.69"	7,750	250-300W	ETL, DLC
C-E26-65-50K-STUB	65W	4.17" x 6.50"	10,075	250-350W	ETL
C-E39-65-50K-STUB	65W	4.17" x 6.89"	10,075	250-350W	ETL, DLC
C-E26-85-50K-STUB	85W	4.17" x 6.50"	13,175	400-500W	ETL
C-E39-85-50K-STUB	85W	4.17" x 6.89"	13,175	400-500W	ETL, DLC
C-E39-105-50K-STUB	105W	4.17" x 9.65"	16,275	400-600W	ETL, DLC
C-E39-135-50K-STUB	135W	5.20" x 9.45"	20,925	400-800W	N/A

NOTE: Approved for suitable use in enclosed fixtures for all except 105W. 30-85W E39 base uses #8 adapter. No extra length. DLC for approved fixture categories and only with E39 base.

NEW!

MINI & SUPER MINI CORN LAMPS - CLASSIC STYLE

Applications

Post tops, bollards, commercial and residential recessed cans, institutional and educational facilities, tall and wall packs and floods.

Product Features

- Wattages: 15W, 23W
- Color Temperatures: 30K, 40K, 50K
- Voltage Input: 100-277VAC

Retrofit Existing Fixtures



PRODUCT #	WATTAGES	DIMENSIONS (WxL)	LUMENS (+/-10%)	SUGGESTED HID EQUIV.	CERT.
C-E26-15-50K-MINI	15W	2.95" x 5.24"	2,325	50-75W	ETL
C-E39-15-50K-MINI	15W	2.95" x 5.24"	2,325	50-75W	N/A
C-E26-23-50K-S-MINI	23W	2.95" x 5.91"	3,680	100-150W	ETL
C-E39-23-50K-S-MINI	23W	2.95" x 5.91"	3,680	100-150W	N/A

NOTE: Approved for suitable use in enclosed fixtures for all. Medium base (E26) can be converted to Mogul base (E39) without adding any length by using "Adapter-8".

NEW & WATER RESISTANT! IP64 MINI & SUPER MINI CORN LAMPS

Applications

Post tops, bollards, commercial and residential recessed cans, institutional and educational facilities, tall and wall packs and floods.

Product Features

- Wattages: 15W, 25W
- Color Temperatures: 30K, 40K, 50K (standard), 22K, 60K (special order)
- Voltage Input: 100-277VAC

Retrofit Existing Fixtures



PRODUCT #	WATTAGES	DIMENSIONS (WxL)	LUMENS (+/-10%)	SUGGESTED HID EQUIV.	CERT.	RATED
C-E26-15-IP64-50K-MINI	15W	2.52" x 5.91"	2,250	50-75W	ETL	IP64
C-E39-15-IP64-50K-MINI	15W	2.52" x 6.30"	2,250	50-75W	N/A	IP64
C-E26-25-IP64-50K-S-MINI	25W	2.52" x 5.91"	3,750	100-175W	ETL	IP64
C-E39-25-IP64-50K-S-MINI	25W	2.52" x 6.30"	3,750	100-175W	ETL, DLC (Pending)	IP64

NOTE: Approved for suitable use in enclosed fixtures for all. Medium base (E26) can be converted to Mogul base (E39) without adding any length by using "Adapter-8". Replaces HID Mini 75-150W. Ballast bypass. Example: C-E26-15-IP64-50K-MINI

PYRAMID LED CORN LAMPS



Applications

Warehouse and manufacturing high bays, parking garages, gas stations, and canopy fixtures.

Product Features

- **Wattages:** 30W, 40W, 60W, 70W, 80W
- **Color Temperatures:** 50K (standard), 30K, 60K (special order)
- **Voltage Input:** 100-277VAC, 480VAC available for all wattages

*Suitable for enclosed fixtures

Retrofit Existing Fixtures



Sends light to the ground



PRODUCT #	WATTAGES	DIMENSIONS (WxL)	LUMENS (+/-10%)	SUGGESTED HID EQUIV.	CERT.
ZL-YL-PYR-E26-30-50K	30W	4.17" x 6.69"	4,650	175-200W	ETL
ZL-YL-PYR-E39-30-50K	30W	4.17" x 7.09"	4,650	175-200W	ETL, DLC
ZL-YL-PYR-E26-40-50K	40W	4.17" x 6.69"	6,200	200-250W	ETL
ZL-YL-PYR-E39-40-50K	40W	4.17" x 7.09"	6,200	200-250W	ETL, DLC
ZL-YL-PYR-E26-60-50K	60W	4.17" x 6.69"	9,300	250-350W	ETL
ZL-YL-PYR-E39-60-50K	60W	4.17" x 7.09"	9,300	250-350W	ETL, DLC
ZL-YL-PYR-E39-70-50K	70W	4.17" x 6.69"	10,850	350-400W	ETL
ZL-YL-PYR-E39-80-50K	80W	5.20" x 8.39"	12,400	400-475W	ETL

NOTE: E39 using #8 adapter adds no extra length. DLC for approved fixture categories and only with E39 base. Ballast bypass.

IP65 LED POST TOP CORN LAMPS



Applications

Post tops and acorn fixtures.

Product Features

- **Wattages:** 30W, 40W, 50W, 75W
- **Color Temperatures:** 40K (standard), 30K, 50K, 60K (special order)
- **Voltage Input:** 100-277VAC

Retrofit Existing Fixtures



Waterproof

IP65

Sends light to the ground



PRODUCT #	WATTAGES	DIMENSIONS (WxL)	LUMENS (+/-10%)	SUGGESTED HID EQUIV.	CERT.
C-PST-E26-30-40K-IP65	30W	5.20" x 6.69"	4,500	175-200W	UL
C-PST-E39-30-40K-IP65	30W	5.20" x 6.69"	4,500	175-200W	UL
C-PST-E26-40-40K-IP65	40W	5.20" x 6.69"	6,000	175-250W	UL
C-PST-E39-40-40K-IP65	40W	5.20" x 6.69"	6,000	175-250W	UL
C-PST-E26-50-40K-IP65	50W	5.20" x 6.69"	7,500	250-300W	UL
C-PST-E39-50-40K-IP65	50W	5.20" x 6.69"	7,500	250-300W	UL
C-PST-E26-75-40K-IP65	75W	6.30" x 11.22"	9,750	300-450W	UL
C-PST-E39-75-40K-IP65	75W	6.30" x 11.22"	9,750	300-450W	UL

NOTE: Approved for suitable use in enclosed fixtures for all. E39 using #8 adapter adds no extra length. Ballast bypass.

LED PENDANT RETROFIT FOR HIGH BAY FIXTURES



Applications

Warehouse and manufacturing high bays, parking garages, gas stations, and canopy fixtures.

Product Features

- **Wattages:** 50W, 75W, 100W, 120W
- **Color Temperatures:** 50K (standard), 27K, 40K, 57K (special order)
- **Voltage Input:** 100-277VAC

Retrofit Existing Fixtures



IP20

Specifications

PRODUCT #	WATTAGES	DIMENSIONS (WxL)	LUMENS (+/-10%)	SUGGESTED HID EQUIV.	CERT.
ZL-LK-HBR-50-50K-120B	50W	5.91" x 8.47"	7,500	250-300W	UL
ZL-LK-HBR-75-50K-120B	75W	5.91" x 8.47"	11,000	300-400W	UL
ZL-LK-HBR-100-50K-120B	100W	7.81" x 8.89"	15,000	400-600W	UL
ZL-LK-HBR-120-50K-120B	120W	7.81" x 8.89"	18,000	400-750W	UL



120° beam angle from main LED array



Top ring of LEDs offers a unique uplight

180 DEGREE LED CORN RETROFIT LAMPS



Applications

Street lights, landscape lighting, wall packs, shoeboxes, enclosed and outdoor fixtures. No wasted light into the fixture.

Product Features

- Wattages: 27W, 36W, 45W, 54W, 75W
- Color Temperatures: 50K (standard), 30K, 40K (special order)
- Voltage Input: 100-300VAC, 50-60Hz, 480VAC available

Retrofit Existing Fixtures



Angle distribution spreads light side to side from fixture to ground.

Base rotates to give proper light distribution once in socket.

IP65

Heavy-duty heat sink for enclosed fixtures.

PRODUCT #	WATTAGES	DIMENSIONS (WxL)	LUMENS (+/-10%)	SUGGESTED HID EQUIV.	CERT.
CP-180D-E26-27-50K	27W	3.62" x 7.80"	2,970	100-150W	N/A
CP-180D-E39-27-50K	27W	3.62" x 8.19"	2,970	100-150W	N/A
CP-180D-E26-36-50K	36W	3.62" x 8.94"	3,960	150-175W	UL
CP-180D-E39-36-50K	36W	3.62" x 9.33"	3,960	150-175W	UL
CP-180D-E26-45-50K	45W	3.62" x 10.08"	4,950	175-200W	N/A
CP-180D-E39-45-50K	45W	3.62" x 10.47"	4,950	175-200W	N/A
CP-180D-E26-54-50K	54W	3.62" x 10.63"	5,940	250W	UL
CP-180D-E39-54-50K	54W	3.62" x 11.02"	5,940	250W	UL
CP-180D-E26-75-50K	75W	3.62" x 11.42"	8,250	320-360W	UL
CP-180D-E39-75-50K	75W	3.62" x 11.81"	8,250	320-360W	UL

NOTE: Approved for suitable use in enclosed fixtures for all. Before installing, remove the existing reflector to allow for better heat dissipation. This will increase the longevity of the LED lamp. If reflector cannot be removed, then vent holes should be placed in the reflector for better heat transfer. 27 & 54W E39 uses #8 adaptor. No extra length. Ballast bypass.

180 DEGREE LED CORN PADDLE LAMPS



Applications

Street lights, landscape lighting, wall packs, shoeboxes, enclosed and outdoor fixtures.

Product Features

- Wattages: 60W, 80W, 100W, 120W, 150W
- Color Temperatures: 50K (standard), 30K, 40K, 57K (special order)
- Voltage Input: 100-277VAC, 480VAC available

Retrofit Existing Fixtures



Angle distribution spreads light side to side from fixture to ground.

Base rotates to give proper light distribution once in socket.

IP64

100-150W fan cooled

PRODUCT #	WATTAGES	DIMENSIONS (WxLxH)	LUMENS (+/-10%)	SUGGESTED HID EQUIV.	CERT.
ZL-NS-ARK-E39-60-50K	60W	3.94" x 9.25" x 2.72"	8,600	175-250W	ETL, DLC
ZL-NS-ARK-E39-80-50K	80W	5.12" x 11.54" x 3.82	11,200	250-400W	ETL, DLC
ZL-NS-ARK-E39-100-50K	100W	5.12" x 11.54" x 3.82	14,800	400W	ETL, DLC
ZL-NS-ARK-E39-120-50K	120W	5.12" x 11.54" x 3.82	16,800	400-500W	ETL, DLC
ZL-NS-ARK-E39-150-50K	150W	5.12" x 11.54" x 3.82	21,000	400-600W	ETL, DLC

NOTE: Approved for suitable use in enclosed fixtures for all. Ballast bypass.

480VAC LED CORN LAMPS Special order, non-refundable items.



High Efficiency Stubby Corn Lamps

PRODUCT #	WATTAGES	DIMENSIONS (WxL)	LUMENS (+/-10%)	SUGGESTED HID EQUIV.	CERT.
C-E26-40-50K-STUB-480V	40W	4.17" x 6.30"	6,200	175-250W	ETL
C-E39-40-50K-STUB-480V	40W	4.17" x 6.69"	6,200	175-250W	ETL, DLC
C-E26-50-50K-STUB-480V	50W	4.17" x 6.30"	7,750	250-300W	ETL
C-E39-50-50K-STUB-480V	50W	4.17" x 6.69"	7,750	250-300W	ETL, DLC
C-E26-65-50K-STUB-480V	65W	4.17" x 6.50"	10,075	250-350W	ETL
C-E39-65-50K-STUB-480V	65W	4.17" x 6.89"	10,075	250-350W	ETL, DLC
C-E26-85-50K-STUB-480V	85W	4.17" x 6.50"	13,175	400-500W	ETL
C-E39-85-50K-STUB-480V	85W	5.20" x 6.89"	13,175	400-500W	ETL
C-E39-135-50K-STUB-480V	135W	5.20" x 9.45"	20,925	400-800W	N/A

NOTE: Approved for suitable use in enclosed fixtures for all. 155 lumens per watt. Ballast bypass.

Pyramid Corn Lamps



PRODUCT #	WATTAGES	DIMENSIONS (WxL)	LUMENS (+/-10%)	SUGGESTED HID EQUIV.	CERT.
ZL-YL-PYR-E26-30-50K-480V	30W	4.17" x 6.69"	4,650	100-125W	N/A
ZL-YL-PYR-E39-30-50K-480V	30W	4.17" x 7.09"	4,650	100-125W	N/A
ZL-YL-PYR-E26-40-50K-480V	40W	4.17" x 6.69"	6,200	125-150W	N/A
ZL-YL-PYR-E39-40-50K-480V	40W	4.17" x 7.09"	6,200	125-150W	N/A
ZL-YL-PYR-E26-60-50K-480V	60W	4.17" x 6.69"	9,300	150-200W	N/A
ZL-YL-PYR-E39-60-50K-480V	60W	4.17" x 7.09"	9,300	150-200W	N/A
ZL-YL-PYR-E39-70-50K-480V	70W	5.20" x 8.39"	10,850	250-320W	N/A
ZL-YL-PYR-E39-80-50K-480V	80W	5.20" x 8.39"	12,400	250-320W	N/A

NOTE: Approved for suitable use in enclosed fixtures for all. 155 lumens per watt. Ballast bypass.

IP64 Corn Lamps (water resistant)



PRODUCT #	WATTAGES	DIMENSIONS (WxL)	LUMENS (+/-10%)	SUGGESTED HID EQUIV.	CERT.
C-E26-40-50K-IP64-480V	40W	3.35" x 8.86"	5,800	175-250W	N/A
C-E39-40-50K-IP64-480V	40W	3.35" x 9.37"	5,800	175-250W	N/A
C-E26-50-50K-IP64-480V	50W	3.35" x 9.65"	7,250	250-300W	N/A
C-E39-50-50K-IP64-480V	50W	3.35" x 10.16"	7,250	250-300W	N/A
C-E26-60-50K-IP64-480V	60W	3.35" x 10.04"	8,700	250-350W	N/A
C-E39-60-50K-IP64-480V	60W	3.35" x 10.55"	8,700	250-350W	N/A

NOTE: Approved for suitable use in enclosed fixtures for all. 155 lumens per watt. Ballast bypass.

High Efficiency Large Corn Lamps



PRODUCT #	WATTAGES	DIMENSIONS (WxL)	LUMENS (+/-10%)	SUGGESTED HID EQUIV.	CERT.
C-E26-40-50K-HE-480V	40W	4.17" x 7.87"	6,200	175-200W	ETL
C-E39-40-50K-HE-480V	40W	4.17" x 8.27"	6,200	175-200W	ETL
C-E26-60-50K-HE-480V	60W	4.17" x 9.84"	9,300	200-250W	ETL
C-E39-60-50K-HE-480V	60W	4.17" x 10.24"	9,300	200-250W	ETL
C-E26-80-50K-HE-480V	80W	4.17" x 10.63"	12,400	250-300W	ETL
C-E39-80-50K-HE-480V	80W	4.17" x 11.02"	12,400	250-300W	ETL
C-E39-100-50K-HE-480V	100W	4.17" x 12.01"	15,500	400-475W	ETL, DLC
C-E39-120-50K-HE-480V	120W	5.20" x 10.63"	18,600	400-600W	N/A
C-E39-150-50K-HE-480V	150W	5.20" x 10.63"	23,250	400-720W	N/A
C-E39-200-50K-HE-480V	200W	5.20" x 11.73"	31,000	400-900W	ETL
C-E39-250-50K-HE-480V	250W	5.20" x 12.28"	38,750	1000-1200W	ETL
C-E39-300-50K-HE-480V	300W	5.20" x 13.39"	46,500	1000-1500W	ETL

NOTE: Approved for suitable use in enclosed fixtures for all except 200W, 250W and 300W. 155 lumens per watt. DLC for approved fixture categories and only with E39 base. Ballast bypass.

LED RETROFIT KIT FOR HID FIXTURES

with Philips Chips & Meanwell Driver



Applications

Shoebboxes, street lights, flood lights, wall packs, high bays, and canopy retrofits.

Product Features

- **Wattages:** 45W, 60W, 80W, 100W, 120W, 150W, 200W, 240W, 300W, 400W, 480W
- **Color Temperatures:** 50K (standard), 40K, 45K, 57K (special order)
- **Voltage Input:** 90-277VAC, 480VAC

Retrofit Existing Fixtures



Brackets can be mounted vertically or horizontally in fixture



Standard E39 Bracket
Supplied with kit

Adjustable Mounting Bracket
Order separately. Part #: AMB

Specifications

PRODUCT #	WATTAGES	DIMENSIONS (WxLxH)	LUMENS (+/-10%)	SUGGESTED HID EQUIV.	CERT.
HIDRP-45-50K	45W	5.20" x (7.08-8.27") x 5.12"	4,950	175W	N/A
HIDRP-45-50K-HV	45W	5.20" x (7.08-8.27") x 5.12"	4,950	175W	N/A
HIDRP-60-50K	60W	5.20" x (7.08-8.27") x 5.12"	7,500	300W	DLC
HIDRP-60-50K-HV	60W	5.20" x (7.08-8.27") x 5.12"	7,500	300W	N/A
HIDRP-80-50K	80W	6.30" x (9.25-11.22") x (5.12-5.91")	10,000	375-400W	DLC
HIDRP-80-50K-HV	80W	6.30" x (9.25-11.22") x (5.12-5.91")	10,000	375-400W	N/A
HIDRP-100-50K	100W	6.30" x (9.25-11.22") x (5.12-5.91")	12,500	400W	DLC
HIDRP-100-50K-HV	100W	6.30" x (9.25-11.22") x (5.12-5.91")	12,500	400W	N/A
HIDRP-120-50K	120W	6.30" x (9.25-11.22") x (5.12-5.91")	15,000	400-600W	DLC
HIDRP-120-50K-HV	120W	6.30" x (9.25-11.22") x (5.12-5.91")	15,000	400-600W	N/A
HIDRP-150-50K	150W	7.17" x (12.80-13.98") x (5.12-6.30")	18,750	700-800W	DLC
HIDRP-150-50K-HV	150W	7.17" x (12.80-13.98") x (5.12-6.30")	18,750	700-800W	N/A
HIDRP-200-50K	200W	7.17" x (12.80-13.98") x (5.12-6.30")	25,000	800-1000W	DLC
HIDRP-200-50K-HV	200W	7.17" x (12.80-13.98") x (5.12-6.30")	25,000	800-1000W	N/A
HIDRP-240-50K	240W	7.17" x (12.80-13.98") x (5.12-6.30")	30,000	1000W	DLC
HIDRP-240-50K-HV	240W	7.17" x (12.80-13.98") x (5.12-6.30")	30,000	1000W	N/A
HIDRP-300-50K	300W	10.24" x (14.96-17.52") x (5.12-6.30")	37,500	1500W	DLC
HIDRP-300-50K-HV	300W	10.24" x (14.96-17.52") x (5.12-6.30")	37,500	1500W	N/A
HIDRP-400-50K	400W	10.24" x (14.96-17.52") x (5.12-6.30")	50,000	1500W+	DLC
HIDRP-400-50K-HV	400W	10.24" x (14.96-17.52") x (5.12-6.30")	50,000	1500W+	N/A
HIDRP-480-50K	480W	10.24" x (14.96-17.52") x (5.12-6.30")	60,000	1500W+	DLC
HIDRP-480-50K-HV	480W	10.24" x (14.96-17.52") x (5.12-6.30")	60,000	1500W+	N/A

NOTE: Number ranges under "Dimensions (WxLxH)" account for adjustable mounting brackets. HV = 480 unit.

LAMP BASE CONVERTERS & EXTENDERS

Specifications

PART #	FIXTURE SOCKET	LAMP TYPE	RATING	Adapter-1	Adapter-2	Adapter-3
Adapter-1	Candelabra (E11 or E12)	Medium (E26)	125v/0.8A			
Adapter-2	Intermediate (E17)	Candelabra (E12)	250v/4A	Candelabra > Medium	Intermediate > Candelabra	Intermediate > Medium
Adapter-3	Intermediate (E17)	Medium (E26)	125v/0.8A			
Adapter-4	Double Contact (Bayonette)	Medium (E26)	125v/0.8A	Double Bayonetta > Medium	Medium > Medium (Extender) Adds 1.25" to length	Medium > Mogul
Adapter-5	Medium (E26) Extender	Medium (E26)	250v/4A			
Adapter-6	Medium (E26)	Mogul (E39)	250v/4A	Mogul > Medium	Mogul > Medium No extra length	Medium > Medium (Extender) Adds 1.25" to length
Adapter-7	Mogul (E39)	Medium (E26)	250v/4A			
Adapter-8	Mogul (E39) No Extra Length	Medium (E26)	250v/4A	GU24 > Medium	G24D (1/2/3) > Medium	G24Q(1/2/3) > Medium Also replaces GX24Q (1/2/3/4/5)
Adapter-9	Mogul (E39) Extender	Mogul (E39)	660v/6A			
Adapter-10	GU24	Medium (E26)	250v/6A	GX23 (1/2/3) > Medium	G23 (1/2/3) > Medium	Pulse Start Mogul > Mogul
Adapter-11	G24D (1/2/3)	Medium (E26)	250v/2.5A			
Adapter-12	G24Q (1/2/3) GX24Q (1/2/3/4/5)	Medium (E26)	250v/2.5A	Medium > Medium (Extender) for 4 K.V. Pulse rated socket Adds 1.25" to length	Double Contact (Sox) > Mogul	Medium > Candelabra
Adapter-13	GX23 (1/2/3)	Medium (E26)	250v/2.5A	Adapter-16	Adapter-17	Adapter-18
Adapter-14	GX23 Medium	Medium (E26)	250v/2.5A	Adapter-16	Adapter-17	Adapter-18
Adapter-15	Mogul (EX39) Pulse Start	Mogul (E39)	250v/4A	Adapter-16	Adapter-17	Adapter-18
Adapter-16	Medium (E26) Extender	Medium (E26)	250v/0.8A	Adapter-16	Adapter-17	Adapter-18
Adapter-17	Double Contact (Sox)	Mogul (E39)	250v/0.8A	Adapter-16	Adapter-17	Adapter-18
Adapter-18	Medium (E26)	Candelabra (E12)	250v/0.8A	Adapter-16	Adapter-17	Adapter-18

LED Replacement is approximately 1/2 of the CFL wattages.
Adapter will add .25" - .50" to overall length

CFL REPLACEMENT LED LAMPS

HORIZONTAL MOUNT PL LAMPS

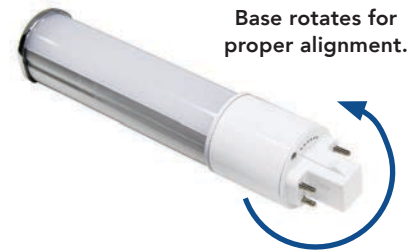


Applications

Recessed cans and sconce fixtures.

Product Features

- Wattages: 6W, 8W, 11W
- Color Temperatures: 30K, 40K, 50K (special order)
- Voltage Input: 100-277VAC



PRODUCT #	WATTAGES	BASE TYPE	DIMENSIONS (DxL)	LUMENS (+/-10%)	SUGGESTED HID EQUIV.	CERT.
PL-(base)-6-40K-H	6W	G23, GX23, G24d, G24q, GX24q, GU24	1.35" x 5.30"	620	13W	UL
PL-(base)-8-40K-H	8W	G23, GX23, G24d, G24q, GX24q, GU24	1.35" x 5.30"	850	18W	UL
PL-(base)-11-40K-H	11W	G23, GX23, G24d, G24q, GX24q, GU24	1.35" x 5.30"	1,270	26W	UL

NOTE: CFL ballast must be bypassed directly to lamp socket. Direct wire ballast bypass.

VERTICAL MOUNT PL LAMPS



Applications

Recessed cans and sconce fixtures.

Product Features

- Wattages: 6W, 8W, 11W
- Color Temperatures: 30K, 40K
- Voltage Input: 100-277VAC

G23 - 2 pin base wiring



G24q - 4 pin base wiring



PRODUCT #	WATTAGES	BASE TYPE	DIMENSIONS (DxL)	LUMENS (+/-10%)	SUGGESTED HID EQUIV.	CERT.
PL-(base)-6-40K-V	6W	G23, GX23, G24d, G24q, GX24q, GU24	2,20" x 4.70"	620	13W	UL
PL-(base)-8-40K-V	8W	G23, GX23, G24d, G24q, GX24q, GU24	2,20" x 4.70"	850	18W	UL
PL-(base)-11-40K-V	11W	G23, GX23, G24d, G24q, GX24q, GU24	2,20" x 4.70"	1,270	26W	UL

NOTE: Direct wire ballast bypass.



READ BEFORE INSTALLATION: IN ORDER TO USE THIS PL REPLACEMENT LAMP, THE BALLAST MUST BE BYPASSED AND FIXTURE REWIRED ACCORDING TO THE DIAGRAM BELOW. 110-277V LINE AND NEUTRAL MUST BE CONNECTED TO OPPOSITE PINS OF LAMP. IF ANY QUESTIONS OR CONCERNS, CALL (800) 679-9243 BEFORE INSTALLING. IF INSTALLED WITHOUT BYPASSING THE BALLAST, THIS LAMP WILL BE DESTROYED. NOT FOR USE WITH DIMMERS

LED LONG TUBE FLUORESCENT REPLACEMENT PLUG-IN (UR-VERSION-ONE-SIDED-LIGHT)

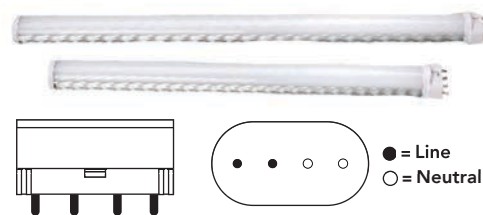


Applications

Long tube fluorescent replacement plug-in.

Product Features

- Wattages: 15W, 20W
- Color Temperatures: 27K, 30K, 41K, 50K, 60K
- Voltage Input: 100-277VAC



2G11 Base - 4 pin base wiring

PRODUCT #	WATTAGES	LENS TYPE	DIMENSIONS (WxLxH)	LUMENS (+/-10%)	SUGGESTED HID EQUIV.	CERT.
SP-2G11-15W	15W	Clear (C), Frosted (F)	1.71" x 16.6" x 1.15"	1,400	26-32W	UL
SP-2G11-20W	20W	Clear (C), Frosted (F)	1.71" x 21.06" x 1.15"	1,900	42W	UL

NOTE: CFL ballast must be bypassed. 2G11 base type.

LED LONG TUBE FLUORESCENT REPLACEMENT PLUG-IN (FR-VERSION-TWO-SIDED-LIGHT)

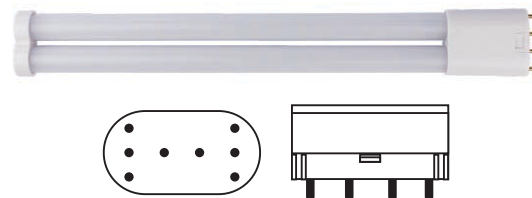


Applications

Retail, hospitality and office.

Product Features

- Wattages: 9W, 15W, 18W, 23W
- Color Temperatures: 27K, 30K, 35K, 40K, 50K, 60K
- Voltage Input: 100-277VAC



2G11 Base

PRODUCT #	WATTAGES	DIMENSIONS (WxLxH)	LUMENS (+/-10%)	SUGGESTED HID EQUIV.	CERT.
SP-2G11-9W-(Color)-F-7R	9W	1.60" x 8.86" x 0.71"	960	26-32W	UL
SP-2G11-15W-(Color)-F-7R	15W	1.60" x 12.60" x 0.71"	1,600	26-32W	UL
SP-2G11-18W-(Color)-F-7R	18W	1.60" x 16.14" x 0.71"	1,920	42W	UL
SP-2G11-23W-(Color)-F-7R	23W	1.60" x 21.00" x 0.71"	2,460	42W	UL

NOTE: CFL ballast must be bypassed. 2G11 base type.

HID REPLACEMENT LAMP FOR RECESSED HOUSING

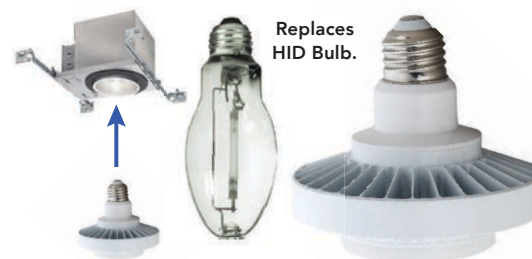


Applications

6", 8" and 10" commercial recessed cans.

Product Features

- Wattages: 30W
- Color Temperatures: 40K (standard), 30K, 50K (special order)
- Voltage Input: 100-277VAC



PRODUCT #	WATTAGES	DIMENSIONS (H)	LUMENS (+/-10%)	CERT.
ZL-VLB-E26-30-40K-120/277V	30W	3.39"	3,000	UL

NOTE: Ballast must be bypassed. Can be turned into E39 base with adapter #8. No further length. PL bases are available special order MOQ may apply. Special orders are non-returnable.

RGB LED PAR LAMPS

Applications

Foyers, vestibules, hospitality, high ceilings, artwork lighting, and mood lighting.

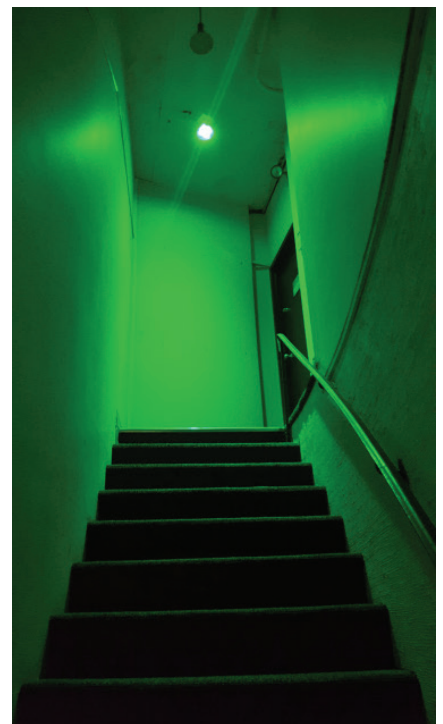
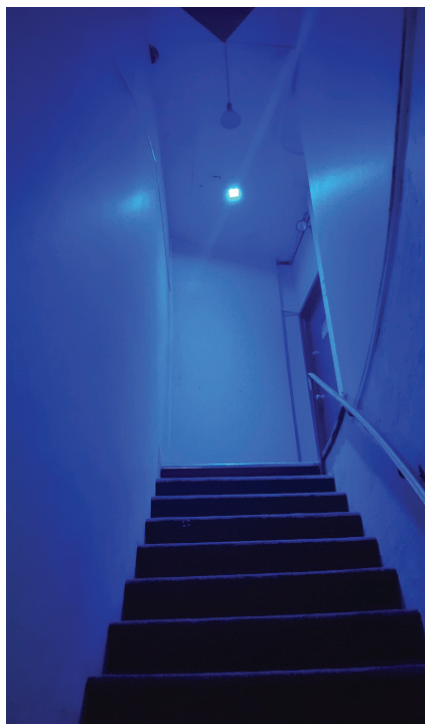
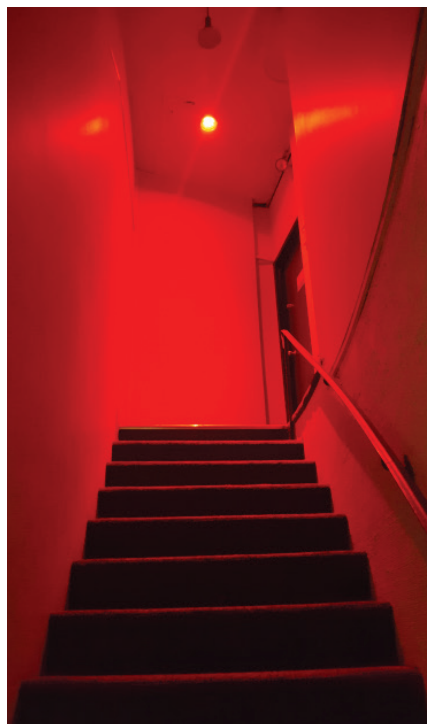
Product Features

- Wattages: 7W, 12W
- Color Temperatures: RGB
- Voltage Input: AC85-265V

Specifications

PRODUCT #	WATTAGES	DIMENSIONS (WxL)	LUMENS (+/-10%)	WEIGHT
PW-PAR30-7W-RGB	7W	3.74" x 3.27"	R: 85-94, G: 130-140, B: 35-45	0.8 lbs
PW-PAR38-12W-RGB	12W	4.72" x 5.35"	R: 180-190, G: 260-275, B: 70-80	1.1 lbs

NOTE: The beam angle for all products is 45 degrees. Do not use in an enclosed fixture.



HIGH-OUTPUT LED PAR LAMPS



Applications

Foyers, vestibules, hospitality, high ceilings, artwork lighting, and mood lighting.

Product Features

- Wattages: 25W, 26W, 35W, 45W, 55W, 60W
- Color Temperatures: 30K, 40K
- Voltage Input: 100-240VAC, 100-277VAC, 120V (DIM)
- LED Chip: Osram
- CRI: 85



Specifications

PRODUCT #	WATTAGES	COLOR TEMP.	BEAM ANGLE	DIMENSIONS (WxL)	LUMENS (+/-10%)	RATED
PAR20V-HO-25-100-240V	25W	30K, 40K	25, 45, 60	2.5" x 3.37"	1,800 - 2,300	N/A
PAR30V-HO-26-100-277V	26W	30K, 40K	25, 45	3.74" x 4.72"	2,000 - 2,400	UL
PAR30V-HO-26-120V-DIM	26W	30K, 40K	25, 45	3.74" x 4.72"	2,000 - 2,400	UL
PAR30V-HO-35-100-277V	35W	30K, 40K	25, 45, 80	3.74" x 4.72"	2,800 - 3,100	UL
PAR30V-HO-35-120V-DIM	35W	30K, 40K	25, 45, 80	3.74" x 4.72"	2,800 - 3,100	UL
PAR30V-HO-45-100-240V	45W	30K, 40K	25, 45, 80	3.74" x 4.72"	3,800 - 4,300	N/A
PAR38V-HO-55-120V-DIM	55W	30K, 40K	25, 45, 80	4.72" x 5.23"	4,600 - 5,400	UL
PAR38V-HO-55-100-277V	55W	30K, 40K	25, 45, 80	4.72" x 5.23"	4,600 - 5,400	UL
PAR38V-HO-60-100-277V	60W	30K, 40K	25, 45	4.72" x 5.23"	4,800 - 5,800	UL
PAR38V-HO-60-120V-DIM	60W	30K, 40K	25, 45	4.72" x 5.23"	4,800 - 5,800	UL

LED FIXTURES: RETROFIT & NEW





Audi of Cherry Hill, NJ
Photograph by DJimages.BIZ

LED SHOEBOX & PARKING LOT FIXTURES



Applications

Parking structure, storage areas, shopping area, walkways, entryways and low level security.

Product Features

- **Wattages:** 100W, 150W, 200W, 300W
- **Color Temperatures:** 50K (standard), 40K (special order)
- **Voltage Input:** 100-277VAC

Mounting Options



Type A
Slip Fitter/
Round Pole



Type B
Horizontal/
Square Pole



Type F
Yoke Bracket/
Wallmount

NOTE: Mounting options (Must specify (A/B/F) in part number)

NOTE: BR - Bronze housing standard
BL - Black special order



Specifications

PRODUCT #	WATTAGES	DIMENSIONS (LxDxH)	LUMENS (+/-10%)	SUGGESTED HID EQUIV.	CERT.
ZL7-LDS-PH-100W-50K-(A/B/F)-120/277-BR-D3	100W	18.9" x 15" x 7.1"	13,000	175-200W	UL, DLC
ZL7-LDS-PH-100W-50K-(A/B/F)-480-BR-D3	100W	18.9" x 15" x 7.1"	13,000	175-200W	UL, DLC
ZL7-LDS-PH-150W-50K-(A/B/F)-120/277-BR-D3	150W	22.5" x 15" x 6"	19,500	250-400W	UL, DLC
ZL7-LDS-PH-150W-50K-(A/B/F)-480-BR-D3	150W	22.5" x 15" x 6"	19,500	250-400W	UL, DLC
ZL7-LDS-PH-200W-50K-(A/B/F)-120/277-BR-D3	200W	22.9" x 15.4" x 7.5"	26,000	400-700W	UL, DLC
ZL7-LDS-PH-200W-50K-(A/B/F)-480-BR-D3	200W	22.9" x 15.4" x 7.5"	26,000	400-700W	UL, DLC
ZL7-LDS-PH-300W-50K-(A/B/F)-120/277-BR-D3	300W	29" x 15.4" x 6.9"	39,000	700-1,000W	UL, DLC
ZL7-LDS-PH-300W-50K-(A/B/F)-480-BR-D3	300W	29" x 15.4" x 6.9"	39,000	700-1,000W	UL, DLC

NOTE: See website for full specifications, dimensions and light distribution information.

LED WALL PACKS



Applications

Exterior and interior lighting for hotels, garages, commercial buildings, public areas, schools and hospitals.

Product Features

- **Wattages:** 41W, 60W, 80W, 100W, 120W, 150W
- **Color Temperatures:** 40K, 50K
- **Voltage Input:** 100-277VAC



IP65

PRODUCT #	WATTAGES	DIMENSIONS (WxHxDDEPTH)	LUMENS (+/-10%)	SUGGESTED HID EQUIV.	CERT.
ZL-LS-WP41W-40K	41W	14.30" x 7.67" x 9.00"	5,300	100-150W	ETL, DLC
ZL-LS-WP60W-40K	60W	14.30" x 7.67" x 9.00"	7,800	150-200W	ETL, DLC
ZL-LS-WP80W-40K	80W	14.30" x 7.67" x 9.00"	10,400	250-300W	ETL, DLC
ZL-LS-WP100W-40K	100W	14.40" x 7.72" x 8.90"	13,000	300-350W	ETL, DLC
ZL-LS-WP120W-40K	120W	14.40" x 7.72" x 8.90"	15,600	350-450W	ETL, DLC
ZL-LS-WP150W-40K	150W	14.40" x 7.72" x 8.90"	19,500	450-600W	ETL, DLC

NOTE: See website for other model wattages and color temperatures available by special order.

SLIM-PROFILE WALL PACKS



Applications

Industrial, outdoor commercial and wall mount.

Product Features

- **Wattages:** 28W
- **Color Temperatures:** 50K
- **Voltage Input:** 120-277VAC



IP65

PRODUCT #	WATTAGES	DIMENSIONS (WxHxDDEPTH)	LUMENS (+/-10%)	CERT.
ZL-SLIM-WALL-28W-50	28W	7.37" x 3.25" x 7.37"	3,239	UL, DLC

NOTE: Designed as a maintenance free, energy efficient alternative to fluorescent, high pressure sodium and metal halide fixtures. It provides uniform illumination while providing a comfortable visual experience. Ideal for lighting outdoor applications including garages, hotels, commercial buildings, schools and hospitals. Its die-cast aluminum housing features a bronze finish and polycarbonate lens.

LED FLOOD LIGHT

Applications

Parking lots, tunnels, parks, walkways, sports courts and billboard lighting

Product Features

- **Wattages:** 100W, 150W, 200W
- **Color Temperatures:** 40K (standard), 30K, 50K (special order)
- **Voltage Input:** 100-277VAC, 200-480VAC



PRODUCT #	WATTAGES	DIMENSIONS (WxHxD)	LUMENS (+/-10%)	SUGGESTED HID EQUIV.	CERT.
ZL-R-FLC-40K-100W	100W	16.33" x 11.61" x 2.39"	11,000	200-250W	ETL
ZL-R-FLC-40K-150W	150W	17.71" x 13" x 2.36"	16,500	300-400W	ETL
ZL-R-FLC-40K-200W	200W	19.09" x 14.17" x 2.36"	22,000	400-450W	ETL

NOTE: See website for more information.

LOW PROFILE LED FLOOD LIGHT

Applications

Parking lots, building facades, parks, indoor and outdoor applications, and residential and landscaping.

Product Features

- **Wattages:** 20W, 30W, 50W
- **Color Temperatures:** 45K (standard), 27K, 30K, 40K, 55K, 65K (special order)
- **Voltage Input:** 120-277VAC



PRODUCT #	WATTAGES	DIMENSIONS (WxHxD)	LUMENS (+/-10%)	SUGGESTED HID EQUIV.
ZPW-FL-45K-20W	20W	6.50" x 5.90" x 2.17"	1,800	50-100W
ZPW-FL-45K-30W	30W	6.89" x 6.30" x 2.75"	2,700	100-150W
ZPW-FL-45K-50W	50W	9.25" x 7.87" x 3.74"	4,500	150-200W

NOTE: See website for more information.

UFO-STYLE LED HIGH BAY



Applications

Warehouses and manufacturing factories, parking garages, and gymnasiums.

Product Features

- **Wattages:** 100W, 150W, 200W, 240W, 300W, 400W, 500W
- **Color Temperatures:** 27K, 30K, 40K, 50K, 65K
- **Voltage Input:** 100-277VAC, 480VAC optional



MB - Mounting Bracket Optional. Must specify in part #, if adding.



IP65

PRODUCT #	WATTAGES	DIMENSIONS (WxH)	LUMENS (+/-10%)	SUGGESTED HID EQUIV.	CERT.
ZL-UFO-100W-50K	100W	12.60" x 7.28"	13,000	200-250W	UL, DLC
ZL-UFO-100W-40K	100W	12.60" x 7.28"	13,000	200-250W	UL, DLC
ZL-UFO-150W-50K	150W	12.60" x 7.28"	19,500	250-400W	UL, DLC
ZL-UFO-150W-40K	150W	12.60" x 7.28"	19,500	250-400W	UL, DLC
ZL-UFO-200W-50K	200W	15.75" x 7.87"	26,000	400-600W	UL, DLC
ZL-UFO-200W-40K	200W	15.75" x 7.87"	26,000	400-600W	UL, DLC
ZL-UFO-240W-50K	240W	15.75" x 7.87"	31,200	600-800W	UL, DLC
ZL-UFO-240W-40K	240W	15.75" x 7.87"	31,200	600-800W	UL, DLC
ZL-UFO-300W-50K	300W	15.35" x 9.65"	39,000	1,000W	ETL, DLC
ZL-UFO-400W-50K	400W	15.35" x 9.65"	52,000	1,200W	ETL, DLC
ZL-UFO-500W-50K	500W	15.35" x 9.65"	65,000	1,500W	ETL, DLC

NOTE: Motion sensor also available in shades and 1-10V dimming. All special orders. See website for more information and mounting options.

TEMPORARY LED WORK LIGHT



Applications

Warehouses, construction sites and loading docks.

Product Features

- **Wattages:** 100W (standard), 60W, 150W (special order)
- **Color Temperatures:** 50K
- **Voltage Input:** AC 100-120VAC



IP64

PRODUCT #	WATTAGES	DIMENSIONS (WxH)	LUMENS (+/-10%)
ZL-GKS36-60W-50K	60W	6.50" x 10.38"	7,500
ZL-GKS36-100W-50K	100W	6.50" x 11.42"	12,500
ZL-GKS36-150W-50K	150W	6.50" x 12.80"	18,750

NOTE: See website for more information. Minimum order quantities may apply.

RECESSED CAN LED RETROFIT KIT 5" OR 6" LED RETROFIT MODULE & TRIM KIT

Description

The 6" module and trim kit with E26 medium screw base is designed for the 5" and 6" IC/Airtight and Non-IC incandescent recessed downlight, and has an optional GU24 adapter for CFL housings.

Suitable for wet locations.

Product Features

- **Wattages:** 12.5W
- **Color Temperatures:** 30K (standard), 27K, 35K, 40K
- **Voltage Input:** 120VAC, 277VAC



PRODUCT #	WATTAGES	DIMENSIONS (WxH)	LUMENS (+/-5%)	VOLTAGE INPUT
ZL-AFR56-12W-(Color)-120V	12.5W	7.24" x 2.59"	895	120VAC
ZL-AFR56-12W-(Color)-277V	12.5W	7.24" x 2.59"	895	277VAC

NOTE: See website for more information.

NON-IC LED DOWN LIGHTS

Description

The Non-IC LED Down Lights are commercial grade, DOB, AC Direct LED, recessed down light retrokits with integral one piece housing and mouse-trap spring clips to allow for easy installation. Designed for use with existing commercial incandescent, fluorescent and metal halide housings.

Product Features

- **Wattages:** 15W, 20W, 30W, 40W
- **Color Temperatures:** 27K, 30K, 40K, 50K
- **Voltage Input:** 120-277VAC



PRODUCT #	WATTAGES	DIMENSIONS CEILING CUT-OUT	LUMENS (+/-10%)
ZL-4-NIC-(Color)-15W-(Reflector)-(Trim Ring)	15W	4" Housing: Ø 6.00" x 3.50" Ceiling Cut-Out: Ø 5.00"	900
ZL-4-NIC-(Color)-20W-(Reflector)-(Trim Ring)	20W	4" Housing: Ø 6.00" x 3.50" Ceiling Cut-Out: Ø 5.00"	1,200
ZL-6-NIC-(Color)-15W-(Reflector)-(Trim Ring)	15W	6" Housing: Ø 7.75" x 3.68" Ceiling Cut-Out: Ø 6.50"	900
ZL-6-NIC-(Color)-20W-(Reflector)-(Trim Ring)	20W	6" Housing: Ø 7.75" x 3.68" Ceiling Cut-Out: Ø 6.50"	1,200
ZL-6-NIC-(Color)-30W-(Reflector)-(Trim Ring)	30W	6" Housing: Ø 7.75" x 3.68" Ceiling Cut-Out: Ø 6.50"	1,800
ZL-8-NIC-(Color)-15W-(Reflector)-(Trim Ring)	15W	8" Housing: Ø 9.50" x 4.27" Ceiling Cut-Out: Ø 8.25"	900
ZL-8-NIC-(Color)-20W-(Reflector)-(Trim Ring)	20W	8" Housing: Ø 9.50" x 4.27" Ceiling Cut-Out: Ø 8.25"	1,200
ZL-8-NIC-(Color)-30W-(Reflector)-(Trim Ring)	30W	8" Housing: Ø 9.50" x 4.27" Ceiling Cut-Out: Ø 8.25"	1,800
ZL-8-NIC-(Color)-40W-(Reflector)-(Trim Ring)	40W	8" Housing: Ø 9.50" x 4.27" Ceiling Cut-Out: Ø 8.25"	2,400

NOTE: Reflector finish: HC - Haze clear. Trim ring finish: WH - White plastic (standard), WMR - White metal, SN - Satin nickel and CH - Chroma. See website for more information.

ARCHITECTURAL LED RETROFIT KITS (ARFK) ZL-LED-ARFK4

Product Features

- Wattages: 14W, 23W
- Color Temperatures: 30K, 35K, 40K
- Voltage Input: 120-277VAC



PRODUCT #	WATTAGES	LUMENS (+/-5%)	VOLTAGE INPUT
ZL-LED-ARFK4-14W-(color)	14W	960	120-277VAC
ZL-LED-ARFK4-23W-(color)	23W	1,488	120-277VAC

NOTE: Compatible with 8" architectural housings. 4-7/8" high, 4-1/2" to 5" diameter. Ceiling cut-out diameter: 5".

ZL-LED-ARFK6

Product Features

- Wattages: 14W, 23W, 30W, 45W
- Color Temperatures: 30K, 35K, 40K
- Voltage Input: 120-277VAC



PRODUCT #	WATTAGES	LUMENS (+/-5%)	VOLTAGE INPUT
ZL-LED-ARFK6-14W-(color)	14W	947	120-277VAC
ZL-LED-ARFK6-23W-(color)	23W	1,573	120-277VAC
ZL-LED-ARFK6-30W-(color)	30W	2,078	120-277VAC
ZL-LED-ARFK6-45W-(color)	45W	2,886	120-277VAC

NOTE: Compatible with 8" architectural housings. 5-5/8" high, 6-3/8" to 7-1/4" diameter. Ceiling cut-out diameter: 6.38" - 7.25".

ZL-LED-ARFK8

Product Features

- Wattages: 14W, 23W, 30W, 45W
- Color Temperatures: 27K, 30K, 35K, 40K
- Voltage Input: 120-277VAC



PRODUCT #	WATTAGES	LUMENS (+/-5%)	VOLTAGE INPUT
ZL-LED-ARFK8-14W-(color)	14W	960	120-277VAC
ZL-LED-ARFK8-23W-(color)	23W	1,760	120-277VAC
ZL-LED-ARFK8-30W-(color)	30W	2,280	120-277VAC
ZL-LED-ARFK8-45W-(color)	45W	3,340	120-277VAC

NOTE: Compatible with 8" architectural housings. 6-7/8" high, 8" to 8-3/4" diameter. Ceiling cut-out diameter: 8.25".

HOUSING COMPATIBILITY TRIMS



LEDT-R44
Specular Open Reflector



LEDT-R414
Baffle with Reflector



LEDT-R441
Baffle with Regressed Lens



LEDT-R422
Reflector with Regressed Lens



LEDT-R436
Wall Wash with Kick-Off Plate

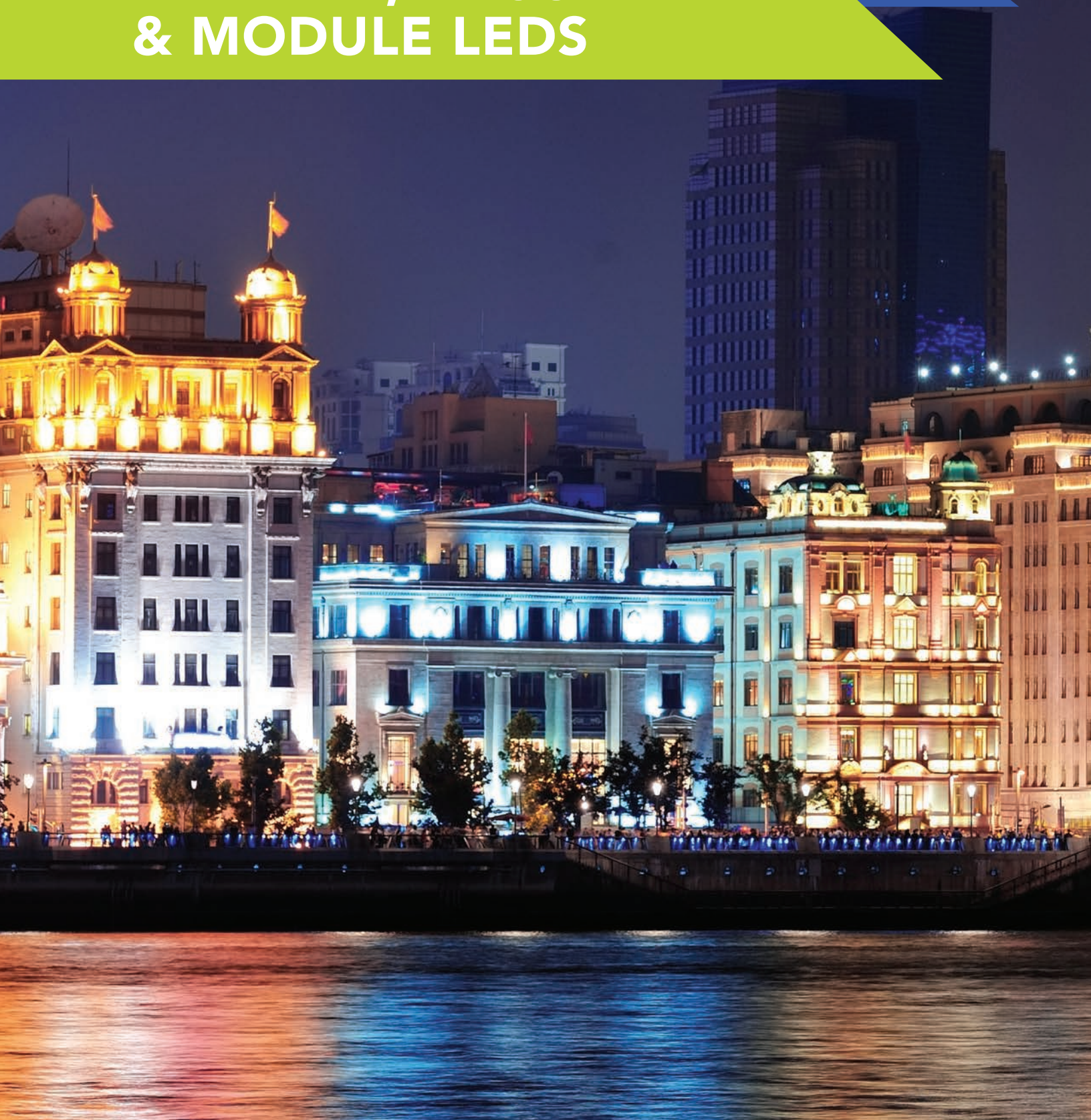


LEDT-R440
Reflector with Frosted Floating Lens

NOTE: See website for more information and consult for additional driver dimming options and housing compatibility trims.

NOTE: Wide beam reflector is standard. Also available narrow beam in reflector (consult with factory). All trims are rated for damp location and regressed lens

FLEXIBLE, DECORATIVE & MODULE LEDS





LINE VOLTAGE FLEXIBLE LED STRIP LIGHTS



Applications

Kitchens, showrooms, outdoor applications, bars, cove lighting, custom projects, walls, under bars, walkways and tent lighting. Suitable for damp and wet locations, including outdoor use.



IP65

Product Features

- Wattages Per Foot: 1.5W, 3.03W
- Color Temperatures: 30K, 40K, 50K, RGB
- Voltage Input: 120VAC
- Max Lengths: 328ft. (standard), 168ft. (extra bright & RGB)

Specifications

PRODUCT #	WATTAGES PER FOOT	LED TYPE & SIZE	LUMENS (+/-10%)	CERT.
LF-30K	1.5W	Standard 3528	73.15 per foot	ETL
LF-40K	1.5W	Standard 3528	73.15 per foot	ETL
LF-50K	1.5W	Standard 3528	73.15 per foot	ETL
LF-RED	1.5W	Standard 3528	73.15 per foot	ETL
LF-GREEN	1.5W	Standard 3528	73.15 per foot	ETL
LF-BLUE	1.5W	Standard 3528	73.15 per foot	ETL
LF-YELLOW	1.5W	Standard 3528	73.15 per foot	ETL
LF-PINK	1.5W	Standard 3528	73.15 per foot	ETL
LF-ORANGE	1.5W	Standard 3528	73.15 per foot	ETL
LF-EB-30K	3.03W	Extra Bright 5050	220 per foot	ETL
LF-EB-40K	3.03W	Extra Bright 5050	221 per foot	ETL
LF-EB-50K	3.03W	Extra Bright 5050	222 per foot	ETL
LF-EB-RED	3.03W	Extra Bright 5050	223 per foot	ETL
LF-EB-GREEN	3.03W	Extra Bright 5050	224 per foot	ETL
LF-EB-BLUE	3.03W	Extra Bright 5050	225 per foot	ETL
LF-EB-YELLOW	3.03W	Extra Bright 5050	226 per foot	ETL
LF-EB-PINK	3.03W	Extra Bright 5050	227 per foot	ETL
LF-EB-ORANGE	3.03W	Extra Bright 5050	228 per foot	ETL
LF-RGB	3.03W	5050 SMD	229 per foot	ETL

NOTE: Standard order usually entails: a length of line flex, power supply cord or RGB controller, 2 or 4-pin connector, end cap and mounting clips. Mounting hardware available. Cuttable every 19". Cut charge may apply. Use heatshrink and silicone on connection points and end caps.

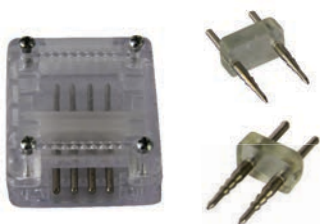
SINGLE COLOR/RGB LINEFLEX ACCESSORIES



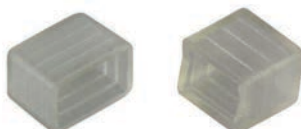
Power Supply Cord



Pin Connectors



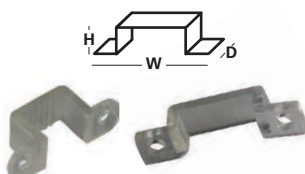
End Caps



Couplings



Mounting Clips



Specifications

PRODUCT #	DESCRIPTION
LF-CORD-RGB-REMOTE	RGB controller & remote, 1,500W MAX, 120VAC
LF-PS-3528-ETL	3528 Power supply cord 19"
LF-PS-5050-ETL	5050 Power supply cord 19" (for extra bright)
LF-PS-10-3528-ETL	3528 Power supply cord 10'
LF-PS-10-5050-ETL	5050 Power supply cord 10'
LF-2PIN-CONN-3528	3528 Connecting metal pins 2-pin
LF-2PIN-CONN-5050	5050 Connecting metal pins 2-pin (for EB)
LF-4PIN-CONN-RGB	RGB Connecting metal pins 4-pin
ENDCAP-3528	3528 End cap
ENDCAP-5050	5050 End cap (for EB)
ENDCAP-5050-RGB	5050 End cap - RGB
LF-CONN-3528	3528 Connector
LF-CONN-5050	5050 Connector (for EB)
LF-RGB-CONN	RGB Connector
MTCLIP-3528	1" x .38" x .31" 3528 Mounting clip
MTCLIP-5050	1.25" x .50" x .38" 5050 Mounting clip
MTCLIP-5050-RGB	1.25" x .50" x .38" 5050 Mounting clip - RGB
LF-MOUNT-4FT	4" Aluminum mounting channel (standard)
LF-EB-MOUNT-4FT	4" Aluminum mounting channel (extra bright)

NOTE: Standard order usually entails: a length of line flex, power supply cord or RGB controller, 2 or 4-pin connector, end cap and mounting clips. Mounting hardware available.

NEON-STYLE LINE VOLTAGE FLEXIBLE LED STRIP LIGHTS

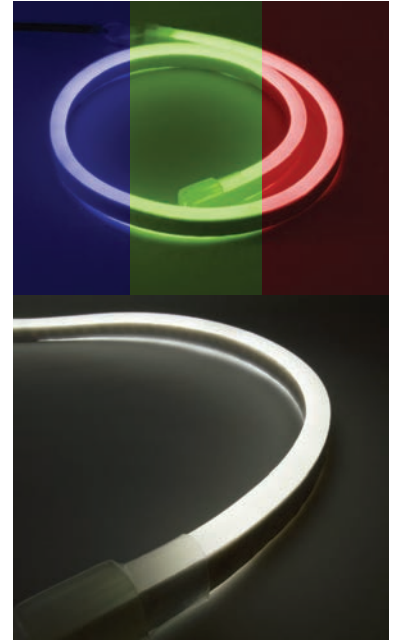
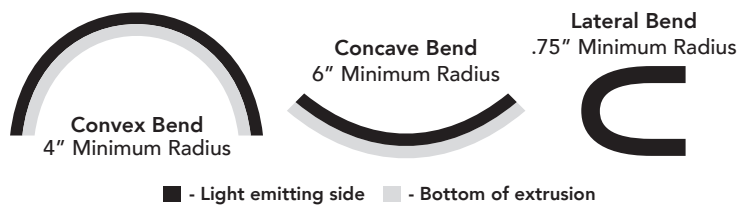
Description

Kitchens, showrooms, outdoor applications, bars, cove lighting, custom projects, walls, under bars, walkways, and tent lighting.

Product Features

- Wattages Per Foot: 3.04W
- Color Temperatures: 30K, 40K, Red, Yellow, Orange, Blue, Green, RGB
- Voltage Input: 120VAC
- Max Lengths: 165ft. (per power supply)

Minimum Bend Radius



PRODUCT #	WATTAGES PER FOOT	COLOR TEMPERATURES	CUTTABLE INCREMENTS	LUMENS (+/-10%)	CERT.
NEON-LF-120VAC-30K	3.04W	30K (3000K)	19.69"	60 per foot	UL
NEON-LF-120VAC-40K	3.04W	40K (4000K)	19.69"	60 per foot	UL
NEON-LF-120VAC-R	3.04W	Red	19.69"	60 per foot	UL
NEON-LF-120VAC-Y	3.04W	Yellow	19.69"	60 per foot	UL
NEON-LF-120VAC-O	3.04W	Orange	19.69"	60 per foot	UL
NEON-LF-120VAC-B	3.04W	Blue	19.69"	60 per foot	UL
NEON-LF-120VAC-G	3.04W	Green	19.69"	60 per foot	UL
NEON-LF-120VAC-RGB	3.04W	Red, Green, Blue	39.37"	60 per foot	UL

NOTE: See website for more information.

NEON-STYLE LINEFLEX ACCESSORIES



PRODUCT #	DESCRIPTION
A	NEON-LF-PWR 1' Power supply cord (AC wire with plug)
B	NEON-LF-CONN Connects two sections of neon LF
C	NEON-LF-END End cap
D	NEON-LF-2PIN 2-pin connector
E	NEON-LF-MOUNT Mounting bracket
F	JUMP-12INCH-NEON 12" Connector cable
G	NEON-RGB-CONTROLLER RGB controller, 1,500W MAX, 120VAC
	NEON-LF-MOUNT-4FT Aluminum mounting channel

12V FLEXIBLE LED TAPE LIGHT

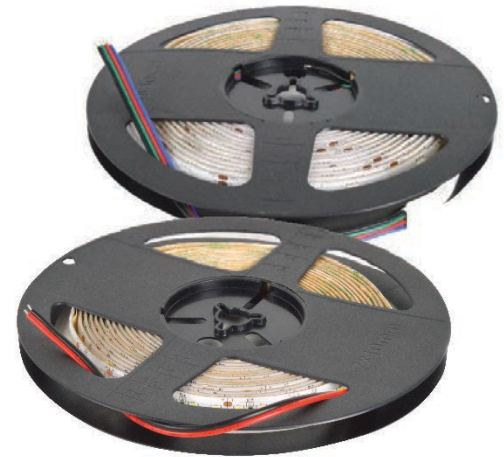
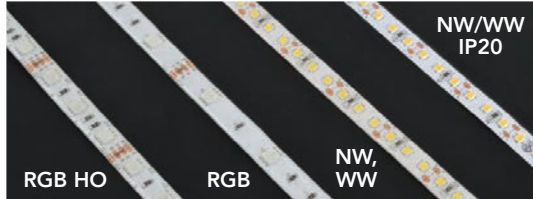


Applications

Kitchens, showrooms, display cases, bars, cove lighting, and custom projects.

Product Features

- Color Temperatures: 30K, 50K, RGB
- Voltage Input: 12V
- Length Per Reel: 16ft.
- Lumens Per Foot: 230



IP65

PRODUCT #	COLOR TEMPERATURES	CUTTABLE INCREMENTS	CERT.
REEL-30K	30K (3000K)	1" - 2"	UL
REEL-50K	50K (5000K)	1" - 2"	UL
REEL-RGB	RGB (color changing)	4" - 8"	UL

NOTE: Secure incoming power. Plug-in or hardware power supplies should be installed by a qualified electrician. Water-resistant. Adhesive back for easy mounting. See website for more information.

24VDC FLEXIBLE LED TAPE LIGHT

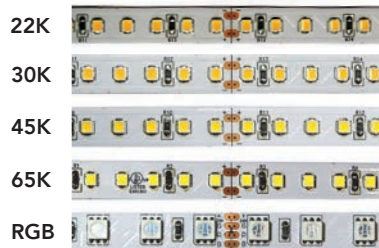


Applications

Kitchens, showrooms, display cases, bars, restaurants, and cove lighting.

Product Features

- Color Temperatures: 22K, 30K, 45K, 65K, RGB
- CRI: >80
- Voltage Input: 24VDC
- Length: 10 meters (32.8ft. per roll)



IP20

PRODUCT #	COLOR TEMPERATURES	WATTS/FOOT	CUTTABLE INCREMENTS	LUMENS PER FOOT	CERT.
REEL-22K-HO-24V-10M-IP20	22K (2200K)	4.5	2"	442	UL
REEL-30K-HO-24V-10M-IP20	30K (3000K)	4.5	2"	504	UL
REEL-45K-HO-24V-10M-IP20	45K (4500K)	4.5	2"	530	UL
REEL-65K-HO-24V-10M-IP20	65K (6500K)	4.5	2"	545	UL
REEL-RGB-HO-24V-10M-IP20	RGB	4	4"	R-59, G-138, B-40	UL

NOTE: See website for more information.

FLEXIBLE LED TAPE LIGHT 12-24VDC ACCESSORIES



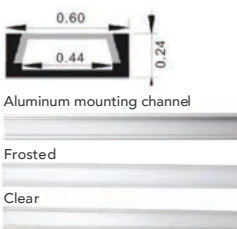
RGB-CLAM-CONN



2WIRE-CLAM-CONN



2WIRE-CLAM-SPLICE
RGB-CLAM-SPLICE



ZL-MC-1506
(CLEAR/FROSTED)



2WIRE-CLAM-X
RGB-CLAM-X



2WIRE-CLAM-90
RGB-CLAM-90



2WIRE-CLAM-T
RGB-CLAM-T



2WIRE-PIGTAIL-M
2WIRE-PIGTAIL-F



MTCLIPS-REEL



2WIRE-JUNCTIONBLOCK



2WIRE-JUMP
4WIRE-JUMP

PRODUCT #	DESCRIPTION
RGB-CLAM-CONN	RGB mid connector 7.25"
2WIRE-CLAM-CONN	Single color mid connector 7.25", (30K, 45K, 65K)
2WIRE-CLAM-SPLICE RGB-CLAM-SPLICE	9mm. (W), 10mm. (L), 3mm. (H)
ZL-MC-1506 (clear/frosted)	4' aluminum mounting channel Comes with 2 end caps and 2 mtg clips
2WIRE-CLAM-X RGB-CLAM-X	
2WIRE-CLAM-90 RGB-CLAM-90	
2WIRE-CLAM-T RGB-CLAM-T	
2WIRE-PIGTAIL-M 2WIRE-PIGTAIL-F	
MTCLIPS-REEL	Mounting clips 10/pk
2WIRE-JUNCTIONBLOCK	24V Terminal block 300W (12V MAX), 500W (24V MAX)
2WIRE-JUMP 4WIRE-JUMP	2 Conductor jumper (18/2 AWG CL3R) 4 Conductor jumper (18/4 AWG CL3R)
1-WAY-SPLITTER-12IN 1-WAY-SPLITTER-20IN	12" and 20" (use only with 12-24V)
2-WAY-SPLITTER	Use only with 12-24V Lead (a): 8.5", leads (b) each: 10"
3-WAY-SPLITTER	Use only with 12-24V Lead (a): 8.5", leads (b) each: 10"
4-WAY-SPLITTER	Use only with 12-24V Lead (a): 8.5", leads (b) each: 10"



1-WAY-SPLITTER-12IN
1-WAY-SPLITTER-20IN



2-WAY-SPLITTER



3-WAY-SPLITTER



4-WAY-SPLITTER

FLEXIBLE LED TAPE LIGHT 12-24VDC CONTROLLERS



REEL-DIMMER-INLINE



REEL-SWITCH-INLINE



REEL-MULTI-CONTROLLER-RGB-OPEN



DIMMER-REMOTE-OPEN



ZT3-M-REMOTE



ZL-T3-CV



RGB-ELECTRONIC-WALL-CONTROL



ELECTRONIC-WALL-DIMMER (B/W)

PRODUCT #	DESCRIPTION
REEL-DIMMER-INLINE	Single color inline dimmer 12-24V, 2A
REEL-SWITCH-INLINE	Single color inline switch 12-24V, 2A
REEL-MULTI-CONTROLLER-RGB-OPEN	Remote with 65' range 12-24V, 12A
DIMMER-REMOTE-OPEN	Single color dimmer with Keyfob remote 12-24V, 8A
ZT3-M-REMOTE (used with ZL-T3-CV)	Control multiple receivers independent of one another for up to 10 zones
ZL-T3-CV (used with ZT3-M-REMOTE)	To be used together with ZT3-M-Remote 12-24V, 18A
RGB-ELECTRONIC-WALL-CONTROL	12-24V, 8A
ELECTRONIC-WALL-DIMMER (B/W)	Single color, black or white 12-24V, 8A

NOTE: Watts = Volts x Amps, Amps = Watts ÷ Volts, Volts = Watts ÷ Volts

FLEXIBLE LED TAPE LIGHT CONSTANT VOLTAGE POWER SUPPLIES



E96R24DC



M100L24DC-AR



M200L24DC



M300L24DC



SLT40L24DC



60W-PS-IP67-24V

PRODUCT #	DIMENSIONS (WxLxH)	DESCRIPTION	INPUT/OUTPUT VOLTAGE
E96R24DC	2.67" x 6.77" x 1.26"	Dimmable, 96W Power supply, 24VDC IP67, UL Minimum starting load: 8W	120VAC, 24VDC
M100L24DC-AR	2.63" x 6.50" x 2.19"	Magnetic, dimmable, 100W, transformer, Nema 3R, 24VDC IP67, ETL, UL Minimum starting load: 30W	120VAC, 24VDC
M200L24DC	3.09" x 10.06" x 2.84"	200W max load, dimmable with MLV Triac Two push-to-reset circuit breakers Rated: NEMA 3R, ETL	120VAC, 24VDC
M300L24DC	4.21" x 10.04" x 3.5"	300W max load, dimmable with MLV Triac Two push-to-reset circuit breakers Rated: NEMA 3R, ETL	120VAC, 24VDC
SLT40L24DC	2.40" x 7.00" x 1.00"	IP21, 40W, constant voltage, class2 Phase cut dimmable LED driver	100-130VAC, 24VDC
60W-PS-IP67-24V	2.63" x 6.50" x 2.19"	IP67, 60W, constant voltage, class2 power supply	100-277VAC, 24VDC

WIFI & TOUCH CONTROLLER FOR FLEX TAPE LIGHT

WIFI-104 CONTROL SYSTEM

System consists of Apps and a WiFi Controller. It controls various types of LED lighting products by installing the related App on your iOS or Android mobile devices which will support the WiFi connection. Dimming, color adjustment, RGB and RGBW changing 4-in-1 operation and a 12-zone control function can be controlled by connecting directly through mobile device or through a router. Compatible with ZL-R4-5A and UX8 RGB Touch Panel.

Product Features

- **Voltage Input:** 2.4 GHz WiFi
- **Frequency:** 12-24VDC
- **Output:** 192W @ 12V, 384W @ 24V
- **Control Distance:** Max 100m
- **Output Control:** Dimming, color temperature, RGB, RGBW
- **Dimensions:** 5" (L) x 2.8" (W) x 1.8" (H)
- **Rated:** IP44



PRODUCT #

WIFI-104

ZL-R4-5A WIRELESS DRIVER

The ZL-R4-5A wireless driver supports the WiFi-104 control system. With a RF 2.4GHz wireless signal, no signal cable is needed. Dimming, color temperature, RGB, RGBW LED lights can all be controlled with this driver. Driver is supported by a 5-year warranty.

Product Features

- **Voltage Input:** 5-24VDC
- **Output:** 100W @ 5V, 240W @ 12V, 480W @ 24V
- **Output Control:** Dimming, color temperature, RGB, RGBW
- **Dimensions:** 6.9" (L) x 1.7" (W) x 1.2" (H)
- **Rated:** IP44



PRODUCT #

ZL-R4-5A

UX8 TOUCH CONTROL PANEL

The UX8 Touch Control Panel is a sleek way to control RGB LED lighting in any household or commercial building. This controller is designed to be easily wall mounted. Simply connect RGB LED lights and power to the Touch Panel Controller and you are ready to go. High-grade tempered glass panel with high accuracy touch wheel control for easy control.

Product Features

- **Voltage Input:** 5VDC, 0.5A-1A
- **Output:** RF 2.4 GHz, DMX512
- **Output Control:** Dimming, color temperature, RGB, RGBW
- **Dimensions:** 4.17" (W) x 5.75" (H)



PRODUCT #

UX8

IP65 LED SIGN MODULES

Applications

Sign boxes, channel letters and custom decoration.

Product Features

- **Wattages:** 14.4W, 19.2W, 30W, 40W
- **Color Temperatures:** CW (55K - 65K), RGB
- **Voltage Input:** 12VDC



MOD-S-5050-RGB

MOD-R-5050-CW

MOD-S-5630-CW



PRODUCT #	MODULES PER PACK	MODULE DIMENSION	WATTAGES PER MODULE	COLOR TEMP.	TOTAL LENGTH	TOTAL WATTAGES	LUMENS	CRI
MOD-R-5050-CW	20	2.75" x .75"	.72W	CW (55K - 65K)	9' 8"	14.4W	1,200	75
MOD-S-5050-CW	20	1.25" x 2.25"	.96W	CW (55K - 65K)	8' 8"	19.2W	1,600	80
MOD-R-5630-CW	20	2.75" x .75"	1.5W	CW (55K - 65K)	9' 8"	30W	2,700	75
MOD-S-5630-CW	20	1.25" x 2.25"	2W	CW (55K - 65K)	8' 8"	40W	3,600	80
MOD-R-5050-RGB	20	2.75" x .75"	.72W	RGB	9' 8"	14.4W	1,200	N/A
MOD-S-5050-RGB	20	1.25" x 2.25"	.96W	RGB	8' 8"	19.2W	1,600	N/A

NOTE: S - Square. R - Rectangle. 5630 - High Output. 5050 - Regular Output. MOD-S-5050 LED sign modules are also available in red, green and blue. Adhesive 3M tape backing. 12V power supply needed. Sold separately. See website for more information.

LED SIGN MODULE POWER SUPPLIES

PRODUCT #	WATTAGES	INPUT VOLTAGE	OUTPUT VOLTAGE
15W-PS-IP67	15W	AC90-265VAC	DC 12V
20W-PS-IP67	20W	AC90-265VAC	DC 12V
30W-PS-IP67	30W	AC90-265VAC	DC 12V
40W-PS-IP67	40W	AC90-265VAC	DC 12V
60W-PS-IP67	60W	AC90-265VAC	DC 12V
100W-PS-IP67	100W	AC90-265VAC	DC 12V
100W-PS-IP67-277V	100W	277VAC	DC 12V
150W-PS-IP67	150W	AC90-265VAC	DC 12V
150W-PS-IP67-277V	150W	277VAC	DC 12V
200W-PS-IP67	200W	AC90-265VAC	DC 12V

NOTE: Install power supply away from the LED modules to ensure ample heat dissipation. See website for more information.

LED SIGN MODULE ACCESSORIES

PRODUCT #	DESCRIPTION
REEL-MULTI-CONTROLLER-OPEN	RGB Controller with remote and multiple reel
2W-JUMP	2 wire jumper wire (single color)
4W-JUMP	4 wire jumper wire (RGB)



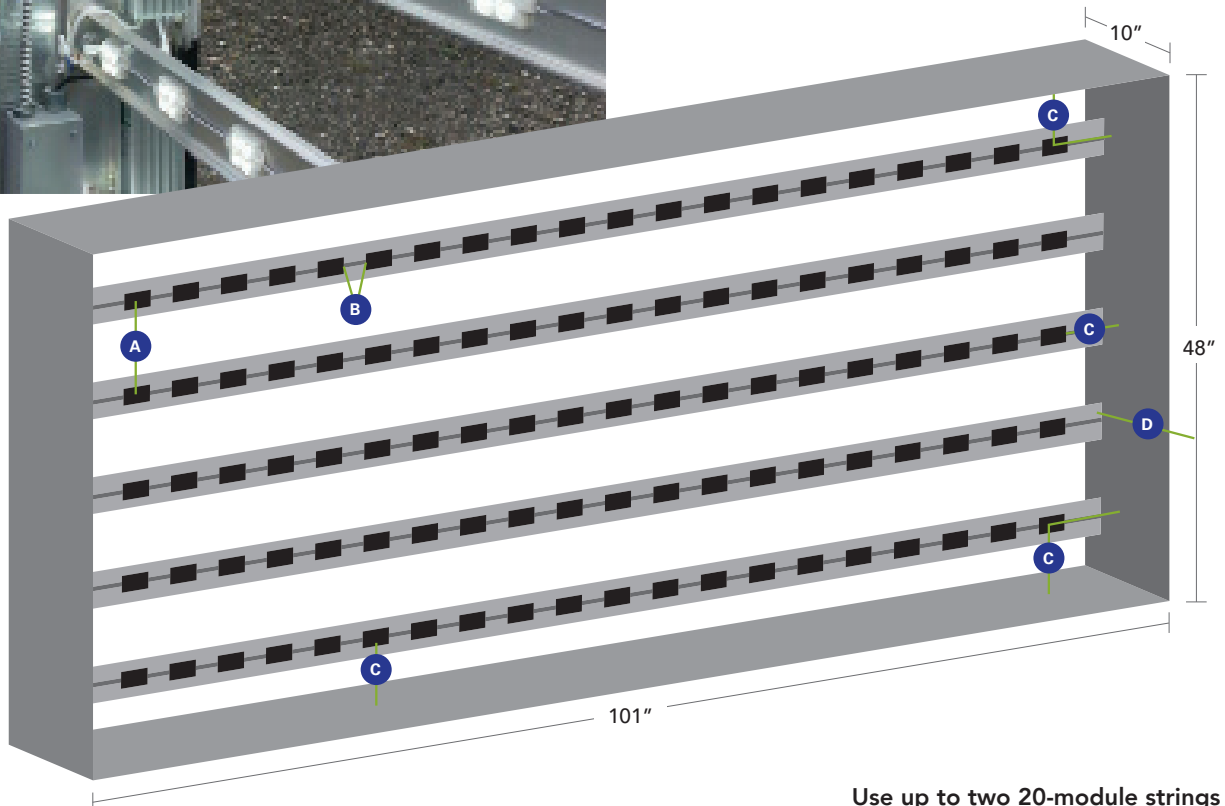
REEL-MULTI-CONTROLLER-OPEN

LED SIGN MODULE SUGGESTED INSTALLATION



Sign boxes, channel letters and custom decoration.

- A** Space rows of modules 9.6" apart, center to center
- B** 3" connector wires spaced out
- C** Allow at least 7.5" away from right & left sides of box and 4.8" from top & bottom of box
- D** Place modules same distance from sign face as existing lamps for best results.



Use up to two 20-module strings in succession per power supply.

Install power supply away from the LED modules to ensure ample heat dissipation.

Modules & power supplies are rated IP65
Waterproof connectors not supplied by ZLED

RGB/DMX LINEAR LED WALL WASHERS

Applications

Suitable for indoor and outdoor lighting, hotel lighting, plaza lighting, building lighting, museum lighting, landscape lighting and more.

Product Features

- **Wattages:** 9W, 12W, 18W, 24W, 30W, 36W
- **Color Temperatures:** 30K, 40K, RGB
- **Voltage Input:** 90-265VAC

IP65



PRODUCT #	WATTAGES	DIMENSIONS (WxLxH)	LUMENS (+/-10%)	BEAM LENGTH
ZPW-30K-300-9W	9W	3" x 11.80" x 4.17"	720	16 - 33ft.
ZPW-40K-300-9W	9W	3" x 11.80" x 4.17"	900	16 - 33ft.
ZPW-RGB-300-9W	9W	3" x 11.80" x 4.17"	411	16 - 33ft.
ZPW-30K-500-12W	12W	3" x 19.69" x 4.17"	960	33 - 50ft.
ZPW-40K-500-12W	12W	3" x 19.69" x 4.17"	1,200	33 - 50ft.
ZPW-RGB-500-12W	12W	3" x 19.69" x 4.17"	548	33 - 50ft.
ZPW-30K-600-18W	18W	3" x 23.62" x 4.17"	1,400	33 - 50ft.
ZPW-40K-600-18W	18W	3" x 23.62" x 4.17"	1,800	33 - 50ft.
ZPW-RGB-600-18W	18W	3" x 23.62" x 4.17"	822	33 - 50ft.
ZPW-30K-800-24W	24W	3" x 31.50" x 4.17"	1,920	50 - 65ft.
ZPW-40K-800-24W	24W	3" x 31.50" x 4.17"	2,400	50 - 65ft.
ZPW-RGB-800-24W	24W	3" x 31.50" x 4.17"	1,176	50 - 65ft.
ZPW-30K-1000-30W	30W	3" x 39.37" x 4.17"	2,400	50 - 65ft.
ZPW-40K-1000-30W	30W	3" x 39.37" x 4.17"	3,000	50 - 65ft.
ZPW-RGB-1000-30W	30W	3" x 39.37" x 4.17"	1,359	50 - 65ft.
ZPW-30K-1200-36W	36W	3" x 47.24" x 4.17"	2,880	50 - 65ft.
ZPW-40K-1200-36W	36W	3" x 47.24" x 4.17"	3,600	50 - 65ft.
ZPW-RGB-1200-36W	36W	3" x 47.24" x 4.17"	1,700	50 - 65ft.

NOTE: The beam angle for all products is 25 degrees. Power and control cords are 2ft. in length standard. This allows for a 4ft. spacing between multiple units. Custom jumper lengths are also available.

LINEAR LED WALL WASHER ACCESSORIES

PRODUCT #	DESCRIPTION
ZPW-PJ-2FT	2ft. Power jumper cord
ZPW-PJ-10FT	10ft. Power jumper cord
ZPW-DJ-2FT	2ft. Data jumper cord
ZPW-DJ-10FT	10ft. Data jumper cord
ZPW-DMX-C	DMX Remote controller
ZPW-PWR-CORD	1ft. Cord and plug. 120V 3-Prong plug



ZPW-DMX-C
DMX Remote Controller
Part #: DMX-Remote

RGB/DMX LED WALL WASHERS

Applications

Indoor and outdoor lighting, hotel lighting, plaza lighting, building lighting, museum lighting, landscape lighting and more.

Product Features

- Wattages: 45W
- Color Temperatures: 30K, 40K, RGB
- Voltage Input: 96-265VAC



PRODUCT #	WATTAGES	DIMENSIONS (WxLxH)	BEAM ANGLES
ZPW-BLK-RGB	45W	5.98" x 13.50" x 8.42"	15, 45, 60 degrees

NOTE: International standard DMX512 signal control and manual push-button control. Power and control cords are 2ft. in length standard. This allows for a 4ft. spacing between multiple units. Custom jumper lengths are also available.

RGB/DMX LED WALL WASHER ACCESSORIES

PRODUCT #	DESCRIPTION
ZPW-PJ-2FT	2ft. Power jumper cord
ZPW-PJ-10FT	10ft. Power jumper cord
ZPW-DJ-2FT	2ft. Data jumper cord
ZPW-DJ-10FT	10ft. Data jumper cord
ZPW-DMX-C	DMX Remote controller
ZPW-PWR-CORD	1ft. Cord and plug. 120V 3-Prong plug



ZPW-DMX-C
DMX Remote Controller
Part #: DMX-Remote

CUSTOM LED RETROFIT LIGHTING



Betty and Milton Katz Jewish Community Center, Cherry Hill, NJ. Photograph by DJimages.BIZ.

Utilizing the latest in LED technology, including boards, light engines and modules, we are able to configure custom retrofits for those projects where replacing the existing fixtures is too complicated, costly, or not desired by the customer. With DLC approved components from ZLEDLighting, energy savings and rebates are assured.

Our 50,000 square foot factory is located in Philadelphia, PA and we have the capability to work with many types of materials. We welcome the opportunity to fabricate your custom lighting fixtures, retrofits, mounting systems, and electrical enclosures.

Our custom LED Retrofit Lighting Division has over 30 years experience as an OEM manufacturer of lighting fixtures and related components. In addition to our own designs, we have cooperated with other manufacturers to provide modified versions as well as custom installation hardware.



Light. It's evolving. And ZLEDLighting is leading the way. As one of the most innovative and progressive LED lighting manufacturers in the country, our products are the number one choice for smart businesses.



Please visit us online at www.zled-lighting.com for our full product line, ordering details and warranty information.

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