GlobaLux LIGHTING

LSR™ Series — CCT Adjustable LED Strip Retrofit Kit

DESCRIPTION

The Globalux LSR™ Series LED Strip Retrofit Kit delivers industry-leading performance with deep energy savings and continuous dimming. Easy and quick installation reduces labor cost and optimizes ROI. The retrofit kit eliminates the need to replace existing luminaire housing, which reduces install time and disposal/removal costs. The LSR™ kit transforms utility strips into highefficiency, architectural luminaires

LSR Series

48" Housing
30W (3,900 Lumens)

96" Housing
54W (7,020 Lumens)

Specification Features

Construction

Rugged Construction, solid die formed, cold-rolled steel housing. All fixture surfaces are powder coated after fabrication. Frosted acrylic diffusers provide even consistent light while reducing glare. Lens design and materials provide uniform appearance without pixelation.

Qualifications

All luminaires are built to UL 1598 and 2108 standards, and bear appropriate ETL labels. Damp location labeling is standard. Emergency equipped fixtures labeled UL924. Adheres to LM70, LM80, and TM21 industry standards. DesignLights Consortium® (DLC) qualified product. Not all product variations listed are DLC qualified. Please visit the DLC Qualified Products List at www.designlights.org/QPL to confirm which models are qualified.

Warranty

5-year Limited Warranty. See warranty documentation for more information.

Electrical

Equipped standard with 0-10V continuous dimming driver that works with any standard 0-10V control/dimmer. Long-Life LED's 60,000 hours at L80 with projected life over 100,000 hours for reduced life cycle maintenance costs. Adjustable CCT at 3500K, 4000K, 5000K.

Installation

Features universal mounting bracket to fit strips with 4-1/2" to 5-1/2" width. Includes safety cables for security and wiring. Installs on existing strip housing

Options

Optional On/Off or Bi-Level Motion Sensor, high voltage transformers, emergency battery backups, whips and cords.

Rated Life 60,000 hours
Limited Warranty 5-years
Efficacy Up to 130 LPW
Continuous Dimming

CONTINUOUS DIMMING 0-10V Continuous

Quick Ship/ DLC Listed

LSR-4-30-MVD-835/40/50
LSR-8-54-MVD-835/40/50

Ordering Information

Example Model Number: LSR-4-30-MVD-835/40/50-MOSB

LSR	4	30	MVD	8	35/40/50
Series	**Length**	**Rated Wattage**	**Driver Type**	**CRI**	**Color Temp**
LSR CCT Adjustable LED Strip Retrofit Kit	**4**- 48" Length² **8**- 96" Length²	**48" Housing** **30**- 30W (3,900 Lumens)² **96" Housing** **54**- 54W (7,020 Lumens)²	**MVD**-120-277V; 0-10V Dimming²	**8** 80+ CRI²	**35/40/50**- 3500K, 4000K, 5000K Adjustable

Options

Emergency Backup	Control	Accessories
EML8 800lm **EML16** 1600lm	**MOS**- Integral Microwave Sensor, On/Off **OS**- Fixture Mounted Occupancy Sensor, On/Off **MOSB**- Integral Bi-Level Microwave Sensor **MOSB-FM**- Fixture Mounted Bi-Level Microwave Sensor **OSBL**- Fixture Mounted Occupancy Sensor, Bi-Level	**FW3**- 6' 3 Wire Fixture whip **FW4**- 6' 4 Wire Fixture Whip

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Specifications and Dimensions subject to change without notice
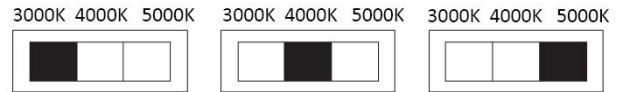
Performance Summary

Input Voltage	120V-277V
Input Frequency	50/60 Hz
Rated Wattage	See Performance Table
Delivered Lumens	See Performance Table
Efficacy	> 130 LPW (typ.)
CRI	83+, R9 > 0
Available CCT[1]	3500K/4000K/5000K
Color Consistency[2]	Adjustable 5-step MacAdam
Rated Life	Ellipse 60,000 hours
L70[3]	> 72,000 hours or > 45,000
Power Factor	>0.9
THD	< 20%
Dimming	0-10V Continuous (10-100%)
Operating Temp.	-20°C to 40°C

Configurations

CCT Adjustable Instructions
In order to switch Kelvin temperatures, flip the switch to the desired configuration.

COLOR TEMPERATURE ADJUSTMENT SETTING

3000K 4000K 5000K   3000K 4000K 5000K   3000K 4000K 5000K

Performance Data

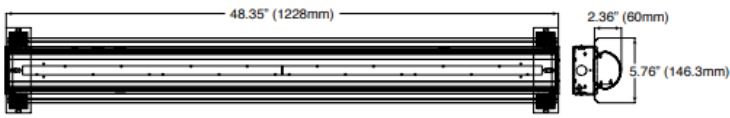| Lens Type	Form Factor	Catalog No.	Rated Wattage (W)	Delivered Lumens	Efficacy (lm/W)
Frosted Acrylic Lens	4'	LSR-4-30-MVD-835/40/50	30W	3,900	130
	8'	LSR-8-54-MVD-835/40/50	54W	7,020	130

NOTES:

[1]   Made to order items. Minimum 90 day lead time. Minimum 500 order quantity.

[2]   DLC Listed

[3]   DLC Premium Listed

[4]   Quick ship:3000K,4000K 5000K. Other CCTs may
       require a lead time or be special order

[5]   Typical color consistency. May vary or be changed.

[6]   L70 hours calculated based on LED package manufacturer LM80
       report and ISTMT report of LED in luminaire. Stated values are for select catalog
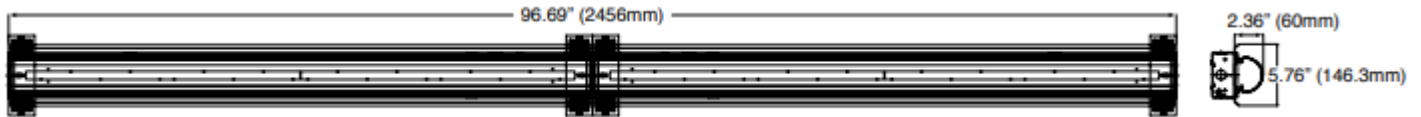   numbers. Contact manufacturer for detailed information

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Product **Dimensions**

LSR-4

48.35" (1228mm)   2.36" (60mm)   5.76" (146.3mm)

LSR-8

96.69" (2456mm)   2.36" (60mm)   5.76" (146.3mm)

Photometric Data

LSR-4-30-MVD-830/40/50   Tested in accordance to IESNA LM-79

| Polar Candela Curve | Zonal Lumen Summary | Coefficients of Utilization | Effective Floor Cavity Reflectance: 20% |

Photometric Data Available Q4 2020

LSR-8-54-MVD-830/40/50   Tested in accordance to IESNA LM-79

| Polar Candela Curve | Zonal Lumen Summary | Coefficients of Utilization | Effective Floor Cavity Reflectance: 20% |

Photometric Data Available Q4 2020

Specifications and Dimensions subject to change without notice

Accessory Options

Cords and Whips

FW3	6' 18/3 wire
FW4	6' 18/4 wire

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