LRK-STR

LED - Premium Grade Retrofit Kit Strip

LEVITON | Visioneering

Project:	Catalogue #:	Type:
Notes:		

Product Description

Upgrade existing fluorescent strip luminaires to high efficacy LED with ease.

Applications

Coves, Enclosed parking garages, Retail shelving, Industrial racks, Utility areas, Public storage, Stairwells, Mezzanines

Compatability

Design to retrofit existing 4' and 8' Fluorescent T8 and T12 strips and industrial luminaires. See dimensions for exact sizing.

Features

- Retrofits into preexisting linear fixture
- Easy LED Upgrade
- Instant Energy Savings (>60%)
- Single Piece Tray
- Installed & Programmed Driver (Isolated for Increased Thermal Management)
- 0-10V Dimming Standard Driver
- 5 Year Warranty
- Disconnects Included

Approvals

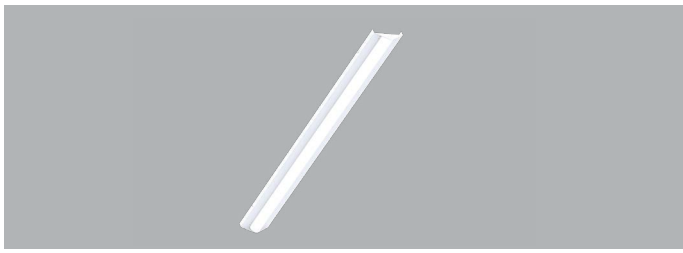
- Approved to CSA and UL standards.
- Tested in accordance to IESNA LM-79.
- Suitable for damp locations.
- DesignLights Consortium® Qualified.

All configurations may not be DLC qualified. Check www.designlights.org/QPL for qualified configuration.

c UL us LISTED | DLC LISTED | DAMP LOC

Optical System

Standard units are supplied with frosted extruded micro-grooved round polycarbonate lens.



Mounting

Mounting holes are provided. Mounts directly on existing fixture body.

Construction

Die and brake-formed, code gauge, steel housing. Utilizes existing fixture knockouts and conduit allowing for easy install.

Finish

White, pre-painted housing.

Electrical

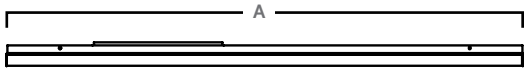
Long life LEDs coupled with high efficiency drivers provide quality illumination. Rated to deliver L80 performance > 50,000 hours. Supplied with dimmable drivers (0-10v).

Warranty

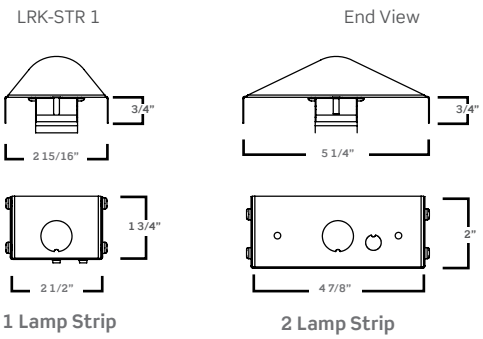
5 year limited warranty. For complete warranty, click here: 5YR Warranty

Dimensions

Top View



End View



1 Lamp Strip | 2 Lamp Strip

Model	Length A
148 / 248	47 7/8"
196 / 296	95 7/8"

Consult installation guide for exact dimensions.

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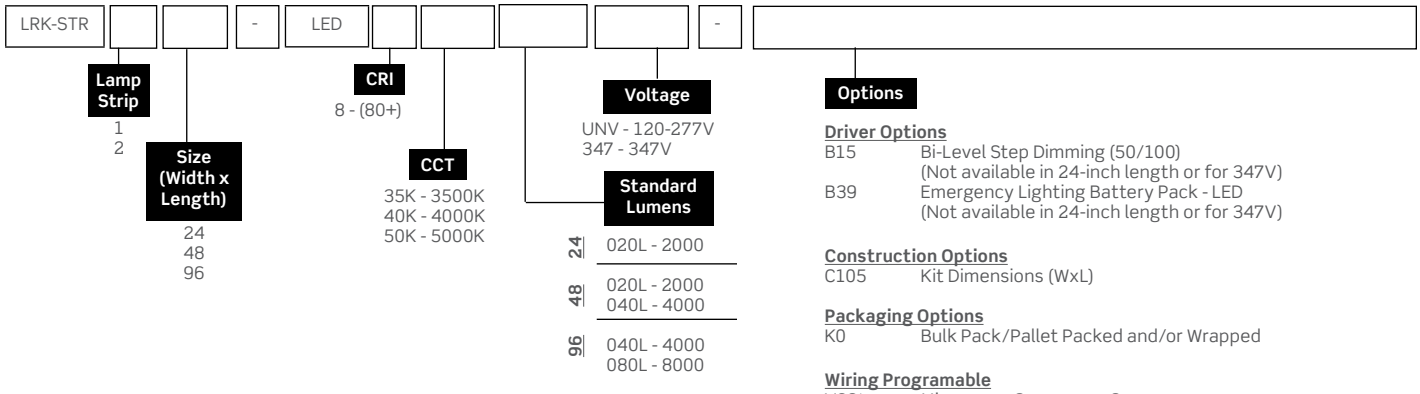
Order Key

EXAMPLE: LRK-STR196-LED835K040LUNV



Driver Options

B15	Bi-Level Step Dimming (50/100) (Not available in 24-inch length or for 347V)
B39	Emergency Lighting Battery Pack - LED (Not available in 24-inch length or for 347V)

Construction Options

C105	Kit Dimensions (WxL)

Packaging Options

K0	Bulk Pack/Pallet Packed and/or Wrapped

Wiring Programable

V68[+]	Microwave Occupancy Sensor (50% Stand-by Dimming level)

Controls Options[++]

For advanced wireless controls Click Here.

[+] Not to be used with step dimming (B15) and integrated sensor adds 2.5 inches to standalone fixture length.

[++] Some controls may impact on standalone fixture length, consult factory for exact dimensions.

Consult factory for configuration details.
Other options may be available, consult factory. Specifications and data subject to change without notice.

Performance Data

LED Performance Data				
Size	**Nominal Lumens**	**Delivered Lumens**	**Watts**	**Lumens Per Watt**
24	2000	2037	14.4	141.2
48	2000	2059	13.7	150.8
	4000	4274	30.5	140.2
96	4000	4407	29.4	150.1
	8000	7982	56.4	150.1

Values based on 840K with standard lens at 25C

Performance Scaling Factor

	50K	40K	35K	30K
80CRI	1.000	1.000	0.960	0.946
90CRI	0.875	0.875	0.836	0.809

Lifetime Expectancy

	Calculated Hours	Reported Hours
L70	≥ 238,000	> 60,000
L80	≥ 149,000	> 60,000
L90	≥ 71,000	> 60,000

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Installation Instructions

Step One: Remove lamp(s) and set aside for proper Recycling

Step Two: Remove Ballast Cover and Recycle/Discard

Step Three: Disconnect Ballast from incoming feed. Remove ballast along with socket straps (saddles), sockets and any other lamp retaining clips/hardware. (Recycle/Discard)

Step Four: Using tether cable (supplied), hang Retrofit tray from an existing hole in housing to be retrofited as seen above. Connect ground wire from LED Retrofit tray to the fixture housing by connecting to the existing ground wire/ ground screw of fixture.

Step Five: Connect LED Driver Disconnect to Main power. Raise LED retrofit tray and center equally from end to end. Secure in place using the 4 TEK self-drilling screws provided (2 screws for each end).