

Stripit Kit®

Using **High Efficacy LEDs and power supplies**, RedBird LED is proud to offer our direct, field-installable LED retrofit **Stripit Kit** that is simple to install and supported by an industry best **10 Year System Warranty**. With performance at **over 129 lumens per watt delivered** (140 lm/w at the board), the **Stripit Kits' cost per lumen generated is one of the lowest in the industry.**

By utilizing a direct molecular fusing between the aluminum core PCB carrying the LEDs and the low profile aluminum extrusion ensures the lowest In Situ TMP readings in the industry today. Based on the LM80 and the ISTMT data, the calculated Energy Star TM21 LED **L70 point is greater than 240,000 hours.**

Our multi-volt (110-277 VAC) proprietary LED drivers with active power factor correction and a discontinuous current mode of operation deliver efficiencies up to 94%, a PF=0.996 and THD < 6%. Built with premium components, the life expectancy is greater than 140,000 hours. Also available in 1-10V dimming.

Full Ten Year System Replacement Warranty

With these levels of quality, efficiency and cool operating temperatures we are able to provide a complete system replacement warranty for a full ten years with no pro-rating or exhaustive list of exclusions. In addition, we are the only company that guarantees against color shifting within the stated L70 lifetimes.

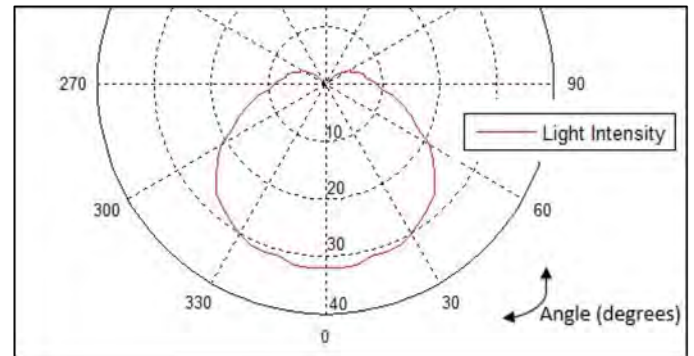
Fast, simple installation, only one tool required

The complete system has been designed to cut installation time and complexity to an absolute minimum. Freedom to locate the LED strips and the driver within the fixture allows optimizing the fit for each application. The installer simply positions the strips as desired in the fixture and fastens them into place with three TEK screws zipped in with a cordless driver. This provides a positive mechanical attachment while the aluminum extrusion ensures excellent thermal management.

In 6 simple steps the retrofit is complete:

- Remove exiting tubes and ballast
- Connect driver output wires to the PCB Board via the WAGO connector
- Install new LED Driver
- Install Diffuser to the Stripit Kit extrusion
- Fasten Stripit Kit® to the fixture via self-drilling / self-tapping mounting hardware
- Connect input power

Installation time is less than 10 minutes per fixture!



Standard Lambertian pattern Diffuser for general purpose retrofit applications



Specifications and Features

Dimensions	2' Strips: 21.75"L x 1.45"W 4' Strips: 45.00"L x 1.45"W
Available Kelvin Colors	3500K, 4100K, 5000K +/- 200°K
Efficacy	140 lumens per watt (nominal)
CRI	>85
R9	>5
Duv	<0.0019
Voltage	120-277VAC standard
LED Drivers	9,12,14,18,22,28,36,44,72,88w [110-277VAC] Dimmable drivers: 14,18,22,28,36,44,72,88w [1-10v]; Battery backup also available
Power Factor / THD	PF >0.99, THD < 6%
Sensors	Daylighting, Photocell and Occupancy Sensors available upon request
LED Elements	2835 - SMD High Efficacy
Photometrics	IES files available upon request
Diffuser Options	Thin Film diffuser providing Lambertian pattern is standard Ultra Low Profile thin film diffuser and snap-on Polycarbonate Diffuser/Lens also available
Certifications	E347929, E363806, E 357319, E362805, E341042
Operating Temperature	-40°F to 140°F
Certifications	UL, cUL, RU, 1993, 1598, 1598(B), 1598(C), 8750, FCC, CE, RoHS
DesignLights Consortium	Refer to DLC QPL for selected models
Warranty	10 Year Full Replacement Warranty - no pro-rating.
Rated Lifetime	> 100,000 Hrs (TM21 L70 > 240,000 hrs)

Patents Pending

Ordering Information

Length	# Strips in Kit	Power	Color Temp
S4 (4 ft Strip)	2	28W Driver	50K 5000K CCT
S2 (2 ft Strip)	3	22W Driver	41K 4100K CCT

RBD Driver Series

Constant Current, 0-10 V Dimmable Standard

Model	Watts	Lumens @ 140 lms/w
RBD-9W-CC	9	1,260
RBD-12W-CC	12	1,680
RBD-14W-CC	14	1,960
RBD-18W-CC	18	2,520
RBD-22W-CC	22	3,080
RBD-28W-CC	28	3,920
RBD-36W-CC	36	5,040
RBD-44W-CC	44	6,160
RBD-72W-CC	72	10,080
RBD-88W-CC	88	12,320

Suggested Configurations	Wattage Options
1-2' Strip	9,12,14,18,22
2-2' Strip	18,22,28,36,44
3-2' Strips	22,28,36,44
4-2' Strips	28,36,44
6-2' Strips	36,44,72,88
8-2' Strips	44,72,88
1-4' Strip	18,22,28,36,44
2-4' Strips	28,36,44
3-4' Strips	36,44,72,88
4-4' Strips	44,72,88

The above chart represents just a few of the possible configurations. The Stripit Kit can be connected end to end for up to 16' and is perfect for Soffit and Cove lighting. NOTE: Not to exceed 22 watts per 2' Strip.

Low Loss Polycarbonate Snap-on Diffuser for 'soft' Beam forming

High Efficacy 2835 SMD LEDs driven at only 25% manufacturers rated level

Push-in WAGO Connector Accepts 18 gauge wire

6063 T5 Aluminum Extrusion and patented swage-embedded PCB Technology for world's Thermal Management



Check the DLC QPL to confirm listed Stripit Kit Models

