



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 139 lumens per watt delivered** (155 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.

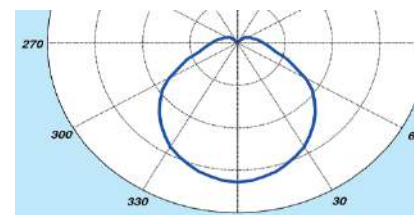
Fast, simple installation, only one tool required.

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 two 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 sel-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 1.66"W 4' Strips: 45.00"L x 1.66"W
Available Kelvin Colors	3500K, 4100K, 5000K +/- 200°K
Efficacy	155 lumens per watt (nominal)
CRI	>82
R9	>5
Duv	<0.0019
Voltage	120-277VAC standard
LED Drivers	9,12,14,18,22,28,36,44,72,88 watts [110-277VAC] Dimmable drivers [1-10v] Battery backup also available
Power Factor / THD	PF >0.99, THD < 6%
Sensors	Daylighting, Photocell and Occupancy Sensors available upon request
CRI	>82
LED Elements	288 SMD LEDs per 4' Light Bar
Native Beam Angle	180°
Lens Options	Lambertian pattern is standard Custom diffusers under development
Operating Temperature	-40°F to 140°F
Certifications	E347929, E363806, E 357319, E362805, E341042
DesignLights Consortium	Refer to DLC QPL for selected models
Warranty	10 Year System Replacement Warranty - no pro-rating
Rated Lifetime	> 100,000 Hrs (TM21 L70 > 240,000 hrs)

Patents Pending

Available Drivers

Standard (Dimmable 1-10V)	
Wattage	Delivered Lumens
9	1,251
12	1,668
14	1,946
18	2,502
22	3,058
28	3,892
36	5,004
44	6,116
72	10,008
88	12,232

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.

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

Low loss, directional, integral volumetric diffuser film provides beam forming with < 5% light loss

Ultra High Efficacy LEDs - 155 Lumens/watt

6063 T5 Aluminum Extrusion provides excellent thermal management for long life and efficient operation

Polarized WAGO-type connector accepts common 18 gauge wire

