

# Stripit Kit<sup>®</sup> CORE<sup>®</sup>

RedBird LED

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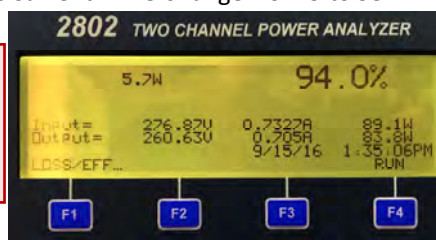


Using High Efficacy LEDs and power supplies, RedBird LED is proud to offer our newest LED retrofit, the **Stripit Kit<sup>®</sup> CORE<sup>®</sup> System**. Easy and quick to install, and covered by **10 Year Full Replacement Warranty**. Priced affordably and with efficacy levels of 190 lm/w the Stripit Kits' cost per lumen is one of the lowest in the industry. A snap-on Polycarbonate diffuser or clear lens is included with each strip.

**Exceptional Thermal Management** enabled via a permanent direct molecular fusing between the aluminum core PCB carrying the LEDs and the custom aluminum extrusion. This proprietary design feature delivers the **Lowest In-Situ Temperature levels** in the industry and a robust mechanical configuration. Based on our **LM80 and the ISTMT data**, the Energy Star TM-21 calculated **exceeds a million hours**.

RedBird's RBD series, multi-volt (90-305 VAC) LED drivers provide active power factor correction and a discontinuous-current mode of operation. Built with premium components, the Drivers operate at **94% Efficiency Levels**, PF=0.996; THD < 6%, and with an **MTBF Life Expectancy > 140,000 hours**. Continuous dimming is available via the 1-10V control signal. Power options for the Constant Current Drivers range from 9 to 95 watts.

Direct Measurement of LED Driver Conversion efficiency with XITRON's 2802 2-Channel Power analyzer



## Built in the USA

**with 100,000 hour lifetime and Ten Year Full System Replacement Warranty** With these levels of quality, efficiency and cool operating temperatures we are able to provide a comprehensive ten year full system replacement warranty with no pro-rating or exhaustive list of exclusions. In addition, RedBird is one of the few companies that guarantees against color shifting within the stated L70 lifetimes. Manufactured in our ISO 9001 compliant facility in Atlanta, GA. Most orders ship within



## 6 Quick Steps to Retrofit:

- ◆ **Remove exiting tubes, ballast (and tombstone terminals if desired)**
- ◆ **Connect driver output wires to the WAGO connector on the LED Strips**
- ◆ **Snap-on Diffuser or Lens to the LED Strips**
- ◆ **Mount LED Driver in Fixture**
- ◆ **Position LED Strips and fasten to fixture with self-drilling TEK-Screws provided**
- ◆ **Connect input power, turn on your upgraded Lights and enjoy!**

## Fast and Easy 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 strips as desired and mounts them with using provided TEK-Screws with a cordless 1/4" nut driver. This provides a positive mechanical attachment while the aluminum extrusion guarantees excellent thermal management regardless of any discontinuities in the fixture's mounting surface. No messy thermal grease, tapes or foam pads are required.

## Slim, low-profile extrusion and snap-on polycarbonate lens or diffuser allow placement in close quarters

Enabling compatibility with a wide array of fixtures including drop-in troffers, cove-lighting, wraps, signage, backlit panels, display case lighting and more. UL listed for field installation as a retrofit product for both the US and Canada.






Check the DLC QPL to confirm listed Stripit Kit Models at <http://designlights.org/qpl>



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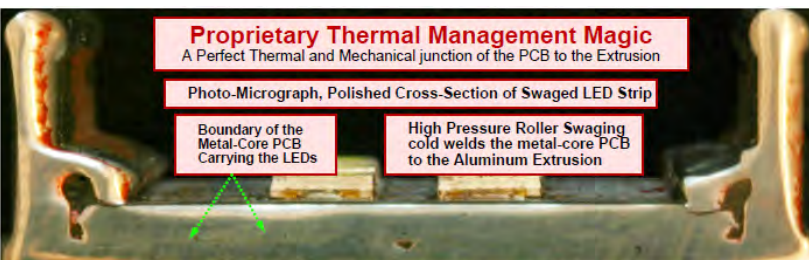
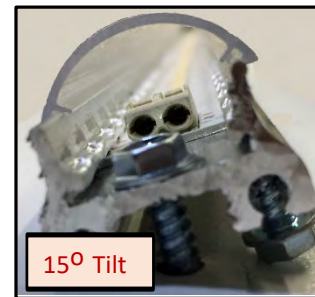
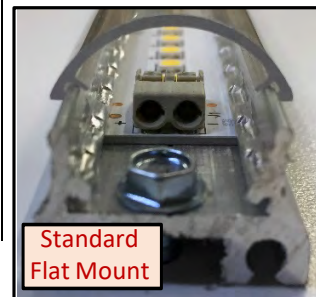
# Stripit Kit<sup>®</sup> CORE<sup>®</sup> 07-10-2017

Stripit Kit <sup>®</sup> CORE <sup>®</sup> SPECIFICATIONS AND FEATURES	
<b>Dimensions</b>	2' Strips 21.5" L X 0.88" W X 0.55" H 4' Strips 44.0" L X 0.88" W X 0.55" H
<b>Standard CCTs</b>	3500K, 4100K, 5000K
<b>CCT Tolerance</b>	3 McAdam Ellipse Range
<b>CRI</b>	> 85
<b>R9</b>	> 10
<b>D<sub>uv</sub></b>	<0.002
<b>Driver Input Voltage</b>	90-305 VAC; 50-60 Hz Standard; 347- 480 VAC available
<b>Driver Power Levels</b>	9, 12, 14, 18, 22, 28, 36, 44 Watts
<b>Power Factor</b>	>0.95
<b>THD</b>	< 8%
<b>Driver Efficiency</b>	up to 94%
<b>Dimming Option</b>	1-10 Volt Continuous dimming from 100% to < 10%
<b>Sensor Compatibility</b>	Occupancy, Ambient Light for Daylight harvesting, 1-10 Volt Control Input
<b>LED Components</b>	SMD Mid-Power Lumiled 2835C series
<b>Lens/Diffuser Choices</b>	Snap-on Polycarbonate Diffuser or Lens
<b>Photometrics</b>	IES files available on request
<b>Efficacy Level Options</b>	190 Lumens/Watt LEDs
<b>In-Situ Temperature Measurement Test (ISTMT)</b>	44.3° C ( TM21 L70 > 1,000,000 hrs)
<b>Certifications</b>	
<b>Standards</b>	UL 1993, 1598, 1598B, 1598C, 8750, RoHS
<b>DesignLights Consortium 84 Listings on QPL</b>	 Check DLC QPL to confirm Models listed <a href="http://designlights.org/qpl">http://designlights.org/qpl</a>
<b>Warranty</b>	Ten Year Replacement Warranty covers LED Strips and Drivers
<b>Rated Lifetime</b>	100,000 hrs
<b>Manufacturing Location</b>	<b>Made-In-USA</b> 

RBD Driver Series		
Constant Current, Optional 0-10 V Dimmable		
Model	Watts	Lumens @ 190 lms/w
RBD-9W-CC	9	1,710
RBD-12W-CC	12	2,280
RBD-14W-CC	14	2,660
RBD-18W-CC	18	3,420
RBD-22W-CC	22	4,180
RBD-28W-CC	28	5,320
RBD-36W-CC	36	6,840
RBD-44W-CC	44	8,360
RBD-72W-CC	72	13,680
RBD-88W-CC	88	16,720



Kit Model # Designation for Ordering					Model #
Strip Length	Strips per Kit	Power	CCT: 3500K, 4100K, 5000K	Example Kit Name	
<b>S4</b>	<b>2</b>	<b>28W</b>	<b>41K</b>	<b>S4-2-28W-41K</b>	
(4' strip)					
<b>S2</b>	<b>3</b>	<b>22W</b>	<b>35K</b>	<b>S2-3-22W-35K</b>	
(2' strip)		<b>CC Driver</b>			



## Optional Angle-Tilt for Hard-Mount