

Ultra-Stripit-Kit®

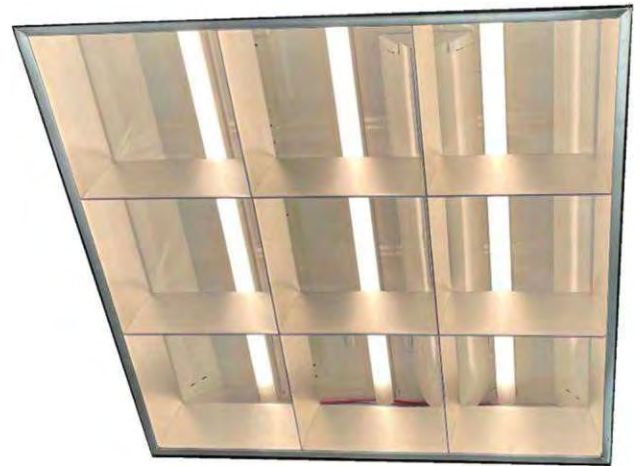


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Redbird's Ultra-Stripit-Kit® uses some of the industry's highest performance LED modules and drivers with system efficacy levels up to 190 lumens/watt. With our factory direct pricing, the Ultra-Stripit-Kits® deliver the highest lumens per dollar (spent) across the industry. For fixtures to be retrofitted that do not have bottom lenses, Ultra-Stripit-Kits® come with choice of clear lens or polycarbonate diffusers. All lenses include fitted silicone end plugs that stop contamination by dust, moisture, and insects.

Backed with an industry best "Ten Year Warranty" Redbird's Ultra-Stripit-Kits® proprietary design permanently bonds our aluminum core PCB to a custom aluminum extrusion. This advanced thermal management design delivers extra cool In-Situ Temperature Measurement Test results (ISTMT) as well as a robust mechanical design. The TM- 21 L70 Lifetime calculation for the LED Strips is over 220,000 hours and the cool running drivers have < 100,000-hour MTBF ratings. Independent test reports can be provided upon request.



The Ultra-Stripit-Kit® system provides a fast and seamless installation with installation time from 20 to 40 minutes, depending on the specific fixture being upgraded. When needed, custom belly pan cover kits can be provided with the complete Ultra-Stripit-Kit® light-engine installed at the factory. All RedBird LED products have safety certifications compliant with all relevant UL standards.

Steps to Install

- 1) Remove fixtures belly pan
- 2) Remove old LED modules and driver(s)
- 3) Mount new LED driver(s) where previous drivers were installed
- 4) Mount Ultra-Stripit-Kits® to bottom of belly pan cover with tek screws (provided)
- 5) Connect driver(s) to strips
- 6) Reinstall belly pan cover



BAA and BABA Compliant

Ultra-Stripit-Kit® SPECIFICATIONS AND FEATURES	
Dimensions	2' Strips: 22.25" L X 0.88" W X 0.55" H 4' Strips: 44.50" L X 0.88" W X 0.55" H
Standard CCTs	2700K, 3000K, 3500K, 4000K, 5000K (5700K and 6500K by request)
CCT Tolerance	3 McAdam Ellipse Range
CRI	> 82 (CRI>90 and CRI>95 by request)
R9	> 10
Duv	<0.002
Driver Input Voltage	90-305 Vac; 50-60 Hz Standard; 347- 480 Vac available
Driver Power Levels	15 through 76.5 Watts
Power Factor	>0.97 at 120 VAC; >0.95 at 277 VAC
THD	<8%
Driver Efficiency	88% to 91%
Dimming Option	0-10 Volt continuous dimming from 100% to < 10%, Dim to Off on D15 and D21
Sensor Compatibility	Occupancy, ambient light for daylight harvesting, 0-10 Volt control input
LED Components	SMD mid-power Seoul Semi 2835 E3 series
Lens/Diffuser	Polycarbonate diffuser or clear lens
Photometrics	IES files available on request
Efficacy	170 to 190 Lumens/Watt Installed Efficacy
In-Situ Temperature Measurement Test (ISTMT)	40.2° C LED; 44.3° C Driver TM21 L70 > 220,000 hrs; L90 > 57,000 hrs
Ambient Temp	-30 to 115 degrees Fahrenheit
Standards	UL 1993, 1598C, 8750, RoHS, class P Drivers
DesignLights Consortium	Check DLC QPL to confirm models listed at http://designlights.org/qpl
Warranty	Ten-year replacement warranty for all LED strips and drivers
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Ultra-Stripit-Kit® Driver Selection		
Model #	Watts (selectable)	Lumen Output
45.60*	15.3 to 20.4	2785 to 3713
70.85*	23.8 to 28.9	4332 to 5260
D15**	4.8 to 47.6	874 to 8660
D21**	7.8 to 78.2	1420 to 14232
*User selectable by Switches on Driver		
**Factory Programmable to Customer's Needs		



Field Selectable Drive current on 45.60 (15.3 to 20.4 Watts) and 70.85 (23.8 to 28.9 Watts) Drivers



45.60 and 70.85 Driver



D15 Driver Programmable from 140 to 1400 mA (4.8 to 47.6 Watts)



D21 Driver Programmable from 230 to 2300 mA (7.8 to 78.2 Watts)



Fitted Silicone End Plug

Kit Model Designations for Ordering, USK(strip Size)-NumStrips-DRVR-CCT examples below	
USK4=4' Strips and USK2=2' strips;	
Numstrips = Number of Strips in Kit, i.e 1, 2, 3, or 4 Strips;	
DRVR= Selected LED Driver i.e. CC.CC = mA drive range, i.e. 70.85 =>700 mA to 850 mA (23.8 to 28.9 watts) Or DRVR=Programmable Driver D15 or D21 Where D15 range is 140 to 1400 ma (4.8 to 47.6 watts); D21 range is 230 to 2300 mA (7.8 to 78.2 watts)	
CCT=Correlated Color Temperature where 27K=2700K; 30K=3000K; 40K=4000K; 50K=5000K; etc.	
Product Naming Example: USK2-2-45.60-40K means	
Ultra Stripit Kit® with Two pcs 2' strips in kit; One 45.60 Driver, switch selectable for 450, 500, 550, or 600 mA; LED CCT = 4000K; A typical kit for 2X2 Troffer, switch set for 500mA, (17 watts) 3094 Lumens	
Product Naming Example: USK4-2-D21(2300 mA)-50K means	
Ultra Stripit Kit® with 4' strips; 2 strips in kit; Driver is D21, Factory programmed for 2300 mA (78.2 watts); LED CCT = 5000K; A typical kit for high output linear High Bays or Strip-Lighting delivering 14,232 lumens	