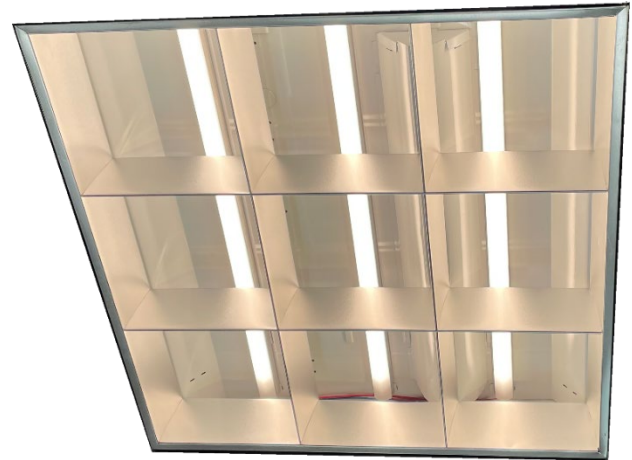


Ultra Stripit Kit®



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Redbird's new **Ultra Stripit Kit®** uses the highest performance LEDs and drivers enabling installed efficacy levels of 188 lumens/watt. Kits are economically priced and deliver the most lumens/dollar in the industry. The optional polycarbonate diffuser or clear lens with molded silicone end plugs seals the strips against dust, moisture, and insects. The kit is easy to install, and comes with a **Ten Year Warranty**.

Redbird's proprietary design permanently bonds the aluminum core PCB and a custom aluminum extrusion delivering extra cool **In-Situ Temperature Measurement Test (ISTMT)** results and a bomb-proof mechanical robustness. The TM-21 L70 Lifetime calculation for the LED Strips is > 220,000 hours and the cool running drivers have a >100,000 hour MTBF rating.

Six Quick Steps to Retrofit:


- 1) Remove the exiting tubes, ballast, and terminals.
- 2) Mount LED driver to the fixture with the screws provided.
- 3) Mount LED strips to the fixture with the screws provided.
- 4) Connect driver output wires to the push-in connector on the LED strips.
- 5) Snap the optional diffuser or clear lens onto the LED strips.
- 6) Connect input power, turn on your upgraded lights and enjoy!

The Ultra Stripit Kit system cuts installation time and complexity to the bone

Using the provided self-drilling TEK-screws to mount the strips and driver allows optimal placement for each application with a positive mechanical attachment. A typical troffer retrofit takes ~ six minutes and can be completed with a single tool.



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

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 special request)
CCT Tolerance	3 McAdam Ellipse Range
CRI	> 84 (CRI>90 and CRI>95 by special request)
R9	> 10
D_{uv}	<0.002
Driver Input Voltage	90-305 VAC; 50-60 Hz Standard; 347- 480 VAC available
Driver Power Levels	8.5 through 72 Watts
Power Factor	>0.97 at 120 VAC; >0.95 at 277 VAC
THD	<8%
Driver Efficiency	up 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	188 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
Operating Temp	Negative 40 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
	Made-in-USA, BAA Compliant

Ultra Stripit Kit Driver Selection		
Model #	Watts (selectable)	Lumen Output
D400*	17 to 22.1	3200 to 4150
D15**	16 to 47.6	3000 to 8950
D21**	29 to 85	5400 to 16000
*User selectable by Switches on Driver		
**Factory Programmable to Customers Need		



Silicone End Plug

Kit model # designation for ordering model USK#-S#-CC.CC-##K	examples below
USK4 =4' Strips and USK2=2' strips;	
S# = Number of Strips in Kit, i.e 1, 2, 3, or 4 Strips;	
CC.CC = mA drive range, i.e. 50.65 =>500 mA to 650 mA (17 to 22.1 watts)	
Or CC.CC = Programmable Driver D15(#### mA) or D21(#### mA)	
where D15 range is 470 to 1400 ma (16 to 47.6 watts) and D21 range is 860 to 2600 mA (29 to 85 watts)	
##K = CCT where 35K=3500K, 40K=4000K etc.	
Product Naming Example: USK2-2-50.65-40K means	
Ultra Stripit Kit with 2' strips; 2 strips in kit; Driver is D400, switch selectable for 500, 550, 600, or 650 mA; LED CCT = 4000K; Typical kit for 2X2 Troffer, switch set for 500mA, (17 watts) 3200 Lumens	
Product Naming Example: USK4-4-D21(2100 mA)-50K means	
Ultra Stripit Kit with 4' strips; 4 strips in kit; Driver is D21, Factory programmed for 2100 mA (72 watts) LED CCT = 5000K; typical kit for high output 2X4 Troffer, delivering 13,080 lumens	