

LED Retrofit Kits for Wall-Mounted Luminaires

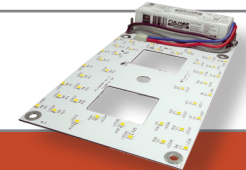
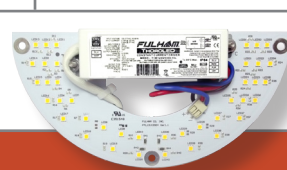
Retrofitting wall-mounted fixtures with efficient LED technology has never been easier. Fulham ThoroLED™ LED **Retrofit Kits** are available with either half-round or rectangular, dimmable light engines to fit most standard fixtures. All required hardware and instructions are included. As **cULus Classified Kits**, they are suited for either OEM (factory*) or field retrofits. These kits are conveniently offered in a full range of color temperatures.

- cULus Classified (field installable)
- TRIAC Dimming (120VAC)
- 0-10V Dimming (UNV)
- Up to 1550 lm-Engine
- 2700K-5000K @ 80CRI Standard
- 90 CRI available
- 50,000 Hrs at L70
- RoHS, FCC Part 15B
- Suitable for retrofit rebates
- 120VAC or UNV Input



*For OEM use, contact Fulham for details: order@fulham.com • Tel: (323) 599-5000
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Specifications		
Input Voltage	120VAC, 50/60Hz	120-277VAC (UNV), 50-60Hz
Dimming	TRIAC	0-10V
Maximum Case Temperature (Tc)	90°C Module/88°C Driver	90°C Module/90°C Driver
Beam Angle	120°	
CRI	80 Standard, 90 Available	
Operating Ambient Temperature Range (Ta)	-35°C to +45°C	
Estimated Lumen Maintenance (L70)	>50,000 hours at max Tc mod	
Color Consistency	Binning per ANSI C78.377-2008; 7 SDCM	
Maximum Screw Installation Torque	35 in-oz.	
Safety/Compliance	Class 2 Lighting System; UL 1598C; RoHS Compliant, FCC Part 15B	
Warranty	5 years	



	7" Half-Round Retrofit Kit TKT120013HRXXX1, TKMUNV013HRXXX1	4" x 7" Rectangular Retrofit Kit TKT120 013RTXXX6, TKMUNV013HRXXX6
Nominal Input Power	13W	
Max Lumen Output @ Full Power	1450 lumens @ 4000K	
Weight	170 g	
Overall Size	7" diameter (half-round) x 1.22" H	7" L x 4" W x 1.22" H
OEM Part Number for Light Engine Only (Available Separately as cURus component)	TET120013HRXXX1 TEMUNV013HRXXX1	TET120013RTXXX6 TEMUNV013RTXXX6
OEM Part Number for LED Module Only (Available separately as cURus component)	TM40HR05XX201	TM40RT05XX206

Product Benefits	
Labor: Ease of Retrofit, Fewer Lamp Changes/Replacements	Security: Bolt-down Construction Prevents Loss
Material: Longer LED System Life	Investment Protection: Keep Your Current Fixtures
Utility: Reduced Energy Costs	Environmentalism: Less Waste Disposal
LED Engine Retrofit Kit Includes Mounting Hardware, UL Retrofit Kit Labels, & Installation Instructions	

T K T 120 013 HR 30 0 6

ThoroLED K = Retrofit Kit (UL Classified) **Control*** T = TRIAC M = 0-10V **Input Voltage** 120 = 120VAC UNV = 120~277VAC 13W Rated Power **Shape** HR = Half-Round RT = Rectangular **Color Temperature** Standard: 30 = 3000K 40 = 4000K Custom: 27 = 2700K 35 = 3500K 50 = 5000K **Configuration** 0 = Standard 80 CRI 1 = 90 CRI 2 = 80 CRI & Conformal Coating 3 = 90 CRI & Conformal Coating **Generation** 1 = Half Round Only 6 = Rectangle Only

(PART NUMBERING KEY) *TRIAC Dimmable available only in 120VAC Input, 0-10V Dimmable available only in Universal Input

KIT INCLUDES:

LED Engine	Hardware	Required UL Classified Labels	Installation Instructions