

RECTANGULAR LED KITS

800 AND 1600 LUMEN OPTIONS

FUTURE **FIT**

LED KITS

DESCRIPTION

Pre-assembled UL 1598C Classified LED retrofit kit. Includes the following components:

- (1) LED Driver • (1) LED Module • (1) Metal Pan • Mounting Accessories (Mounting Hardware and Wiring Hardware)



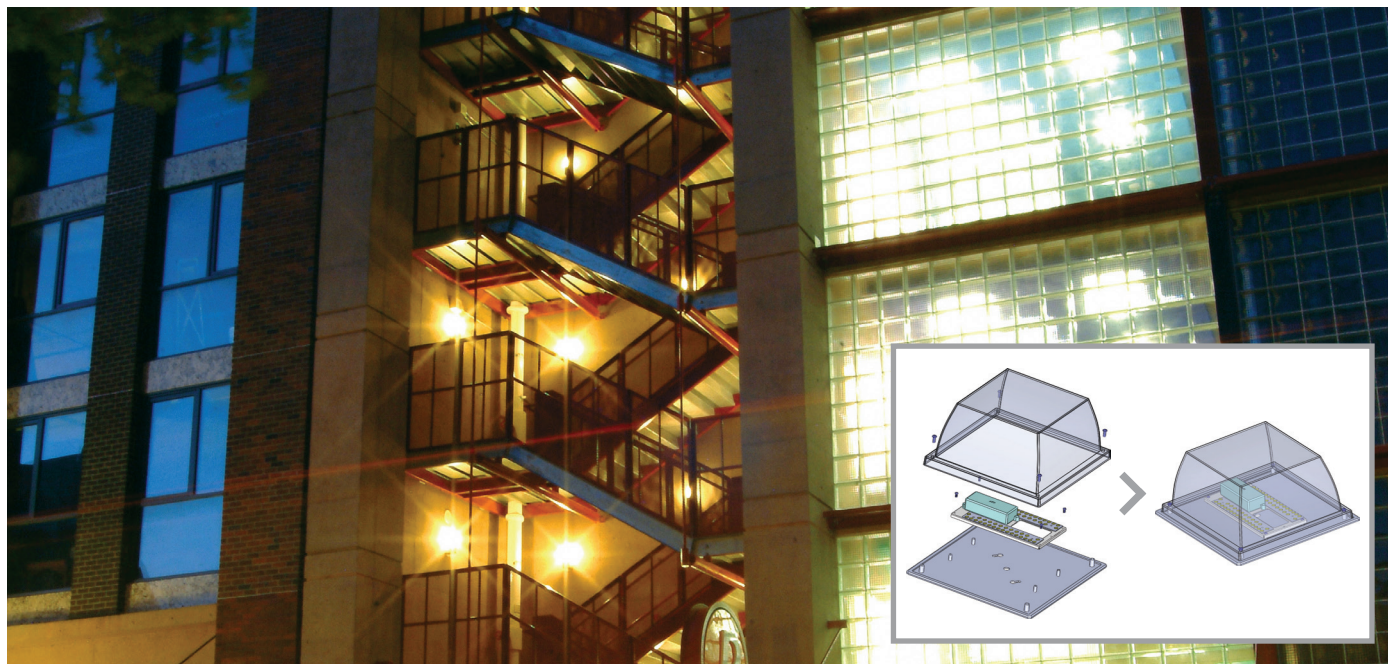
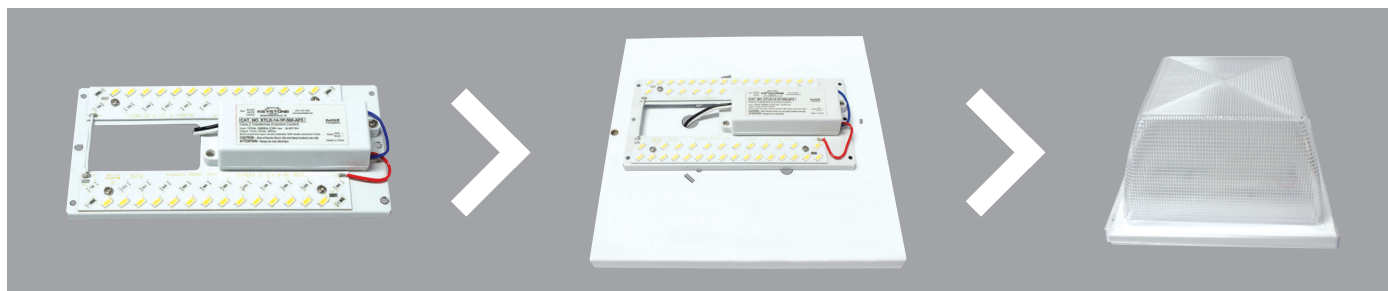
RoHS
Compliant

10YEAR
WARRANTY

APPLICATION

Upgrade surface-mount canopy/security fluorescent-style luminaires to an LED solution. Suitable for after-market or OEM installation. (OEM must have UL LED Luminaire General Coverage file.)

TYPICAL FIXTURE APPLICATION



SYSTEM FEATURES

Module Features

- For Use in Class 2 Lighting Systems
- Highly Reflective White Soldermask
- Low Profile WAGO Push Connectors
- UL Recognized Components
- Single-Sided CEM3 Substrate
- 3-Step MacAdam Color Binning
- LM80 Tested LEDs by Samsung
- Beam Angle: 120°
- Reported Life Expectancy: L70 > 36,000 hours at Tc <85°C
- Calculated Life Expectancy: L70 = 93,000 hours at Tc <85°C
- Maximum Board Temperature at Tc Point: 85°C

Driver Features

- 120V Input, 0.7 Power Factor
- UL 8750 Recognized Component LED Power Unit
- Meets FCC Part 15 Class B (Consumer) Limit for EMI
- Over Current, Short Circuit, and Open Circuit Protection
- Class 2 Output
- Type 1 Outdoor, Suitable for Dry and Damp Locations
- Up to 194°F/90°C Maximum Case Temperature
- THD: <20%

RECTANGULAR LED KITS

800 AND 1600 LUMEN OPTIONS

Page 2 of 3

PERFORMANCE SPECIFICATIONS

3"x6", 800 LUMEN RECTANGULAR

Wiring: Series

KIT CONTENTS:

Driver: (1) KTLD-14-1P-560-AF5

Module: (2) KTLM-1050-R1-840-14A

Metal Pan: Yes

Mounting Hardware and Accessories

Color Temp	Input Voltage	LED Retrofit Kit Catalog Number	No. of Modules	Total System Drive Current	Drive Current per Module	Total Lumens per Module	Total System Lumens	Total Module Power	Module Efficacy	Driver Efficiency	Total System Power	Total System Efficacy
3000K	120V	KT-RKIT-RP-6-800-830	2	560mA	560mA	415	830	7W	118 lm/W	82%	8.5W	97 lm/W
4000K	120V	KT-RKIT-RP-6-800-840	2	560mA	560mA	425	850	7W	121 lm/W	82%	8.5W	100 lm/W
5000K	120V	KT-RKIT-RP-6-800-850	2	560mA	560mA	435	870	7W	124 lm/W	82%	8.5W	102 lm/W

3"x6", 1600 LUMEN RECTANGULAR

Wiring: Series

KIT CONTENTS:

Driver: (1) KTLD-14-1P-560-AF5

Module: (2) KTLM-1050-R1-840-28A

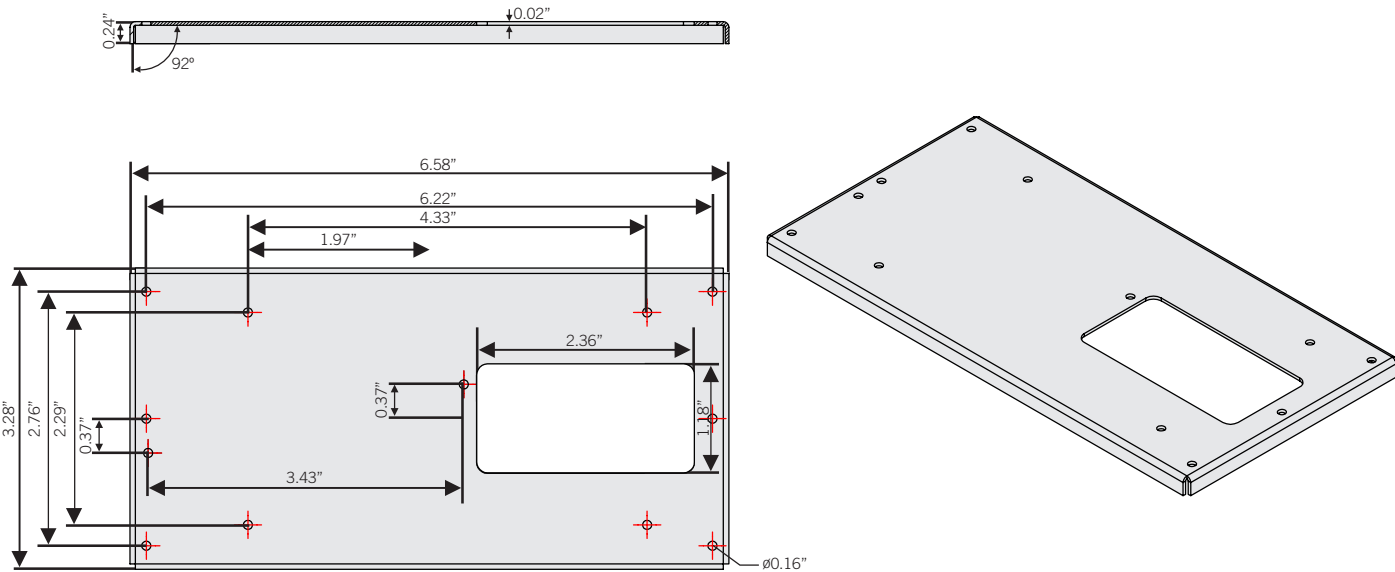
Metal Pan: Yes

Mounting Hardware and Accessories

Color Temp	Input Voltage	LED Retrofit Kit Catalog Number	No. of Modules	Total System Drive Current	Drive Current per Module	Total Lumens per Module	Total System Lumens	Total Module Power	Module Efficacy	Driver Efficiency	Total System Power	Total System Efficacy
3000K	120V	KT-RKIT-RP-6-1600-830	2	560mA	560mA	775	1550	14W	110 lm/W	82%	17W	91 lm/W
4000K	120V	KT-RKIT-RP-6-1600-840	2	560mA	560mA	800	1600	14W	114 lm/W	82%	17W	94 lm/W
5000K	120V	KT-RKIT-RP-6-1600-850	2	560mA	560mA	825	1650	14W	118 lm/W	82%	17W	97 lm/W

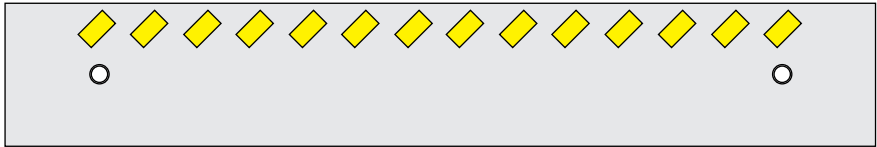
PHYSICAL SPECIFICATIONS

METAL PAN



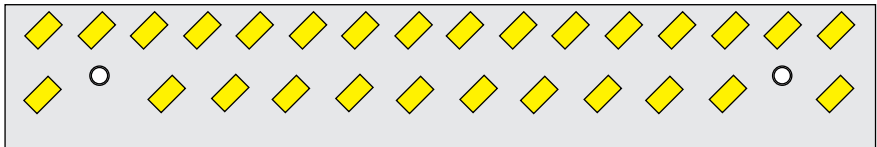
800 LUMEN MODULE

Part No. KTLM-1050-R1-840-14A

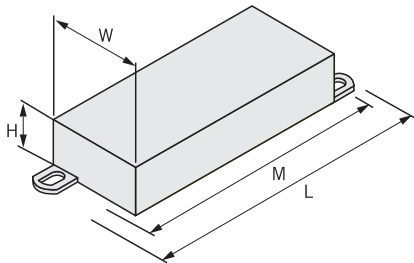


1600 LUMEN MODULE

Part No. KTLM-1050-R1-840-28A



LED DRIVER



LENGTH	3.70"
WIDTH	1.30"
HEIGHT	0.79"
MOUNTING	3.40"