

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)



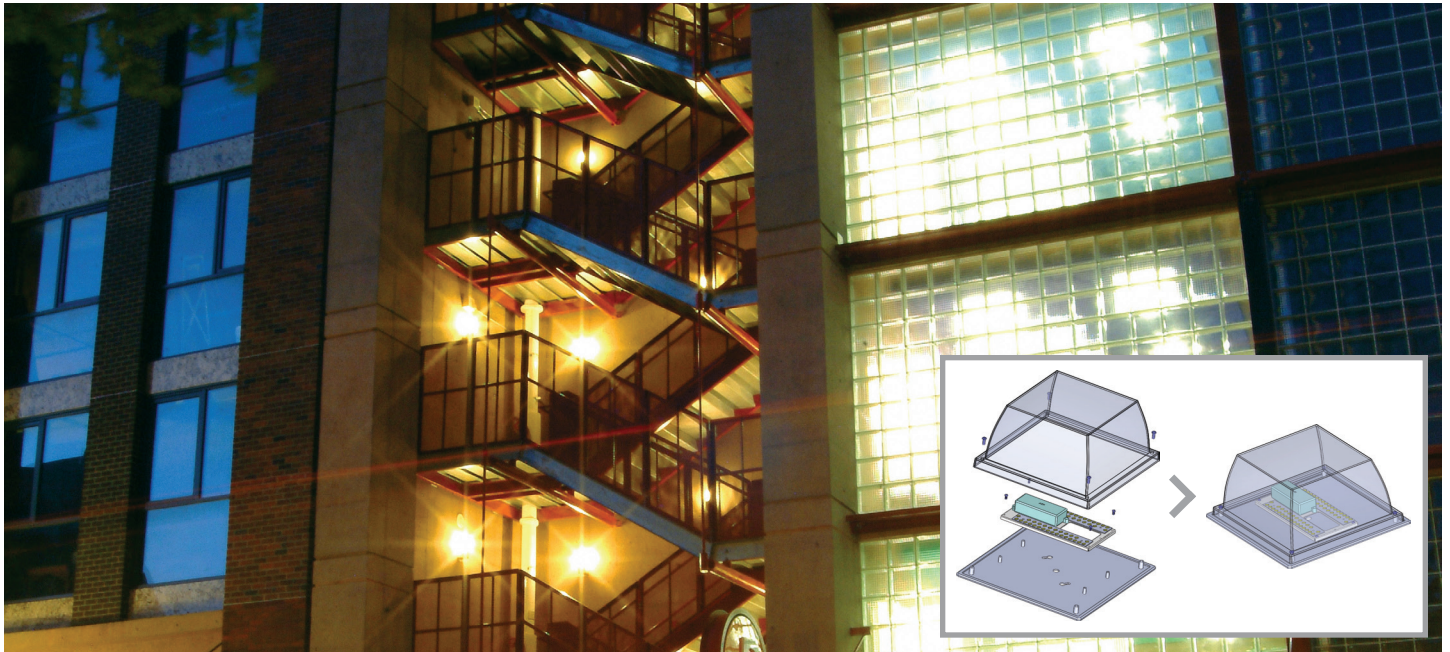
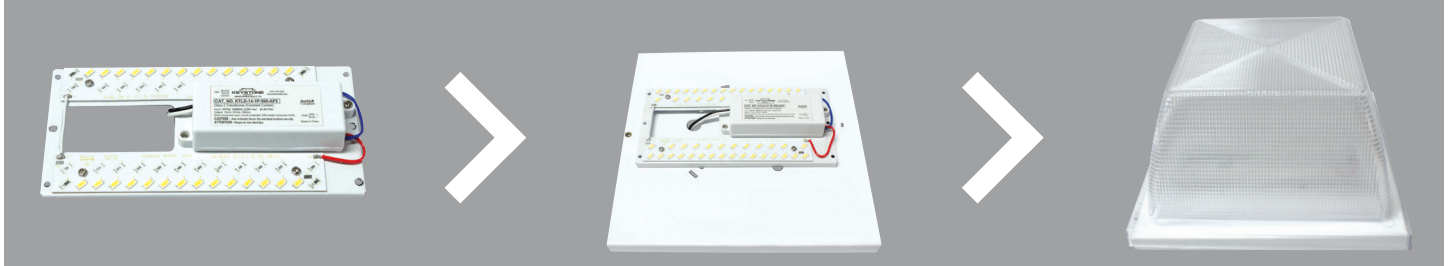
RoHS
Compliant

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 INSTALLATION 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 > 54,000 hours at Tc < 85°C
- Calculated life expectancy: L70 = 160,000 hours at Tc < 85°C
- Maximum board temperature at Tc point: 85°C

DRIVER FEATURES

- 120–277V input
- 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%

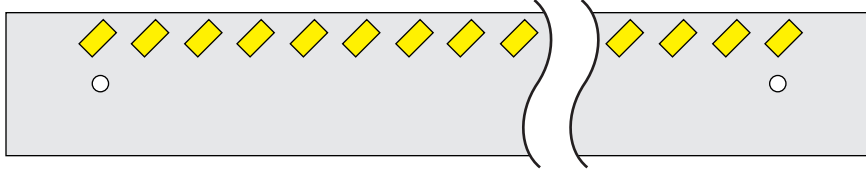
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PERFORMANCE SPECIFICATIONS

3" x 6", 800 LUMEN RECTANGULAR

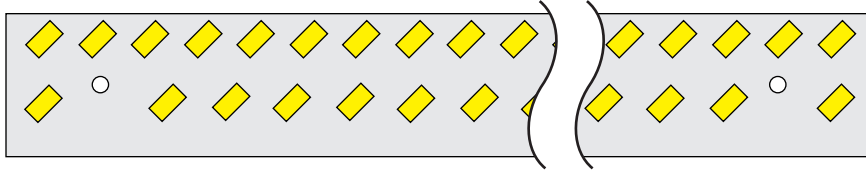
KIT SPECIFICATIONS: **Wiring:** Series
Driver: (1) KTLD-14-UV-560-AF5
Module: (2) KTLM-1080-R1-8XX-18B (illustrated below)



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	120-277V	KT-RKIT-RP-6-800-830-UV /G2	2	560mA	560mA	415 L	830 L	6.5W	128 lm/W	82%	8W	104 lm/W
3500K	120-277V	KT-RKIT-RP-6-800-835-UV /G2	2	560mA	560mA	420 L	840 L	6.5W	129 lm/W	82%	8W	105 lm/W
4000K	120-277V	KT-RKIT-RP-6-800-840-UV /G2	2	560mA	560mA	425 L	850 L	6.5W	131 lm/W	82%	8W	106 lm/W
5000K	120-277V	KT-RKIT-RP-6-800-850-UV /G2	2	560mA	560mA	435 L	870 L	6.5W	134 lm/W	82%	8W	109 lm/W

3" x 6", 1600 LUMEN RECTANGULAR

KIT SPECIFICATIONS: **Wiring:** Series
Driver: (1) KTLD-14-UV-560-AF5
Module: (2) KTLM-1080-R1-8XX-36B (illustrated below)



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	120-277V	KT-RKIT-RP-6-1600-830-UV /G2	2	560mA	560mA	775 L	1550 L	12.5W	124 lm/W	82%	15W	103 lm/W
3500K	120-277V	KT-RKIT-RP-6-1600-835-UV /G2	2	560mA	560mA	788 L	1575 L	12.5W	126 lm/W	82%	15W	105 lm/W
4000K	120-277V	KT-RKIT-RP-6-1600-840-UV /G2	2	560mA	560mA	800 L	1600 L	12.5W	128 lm/W	82%	15W	107 lm/W
5000K	120-277V	KT-RKIT-RP-6-1600-850-UV /G2	2	560mA	560mA	825 L	1650 L	12.5W	132 lm/W	82%	15W	110 lm/W

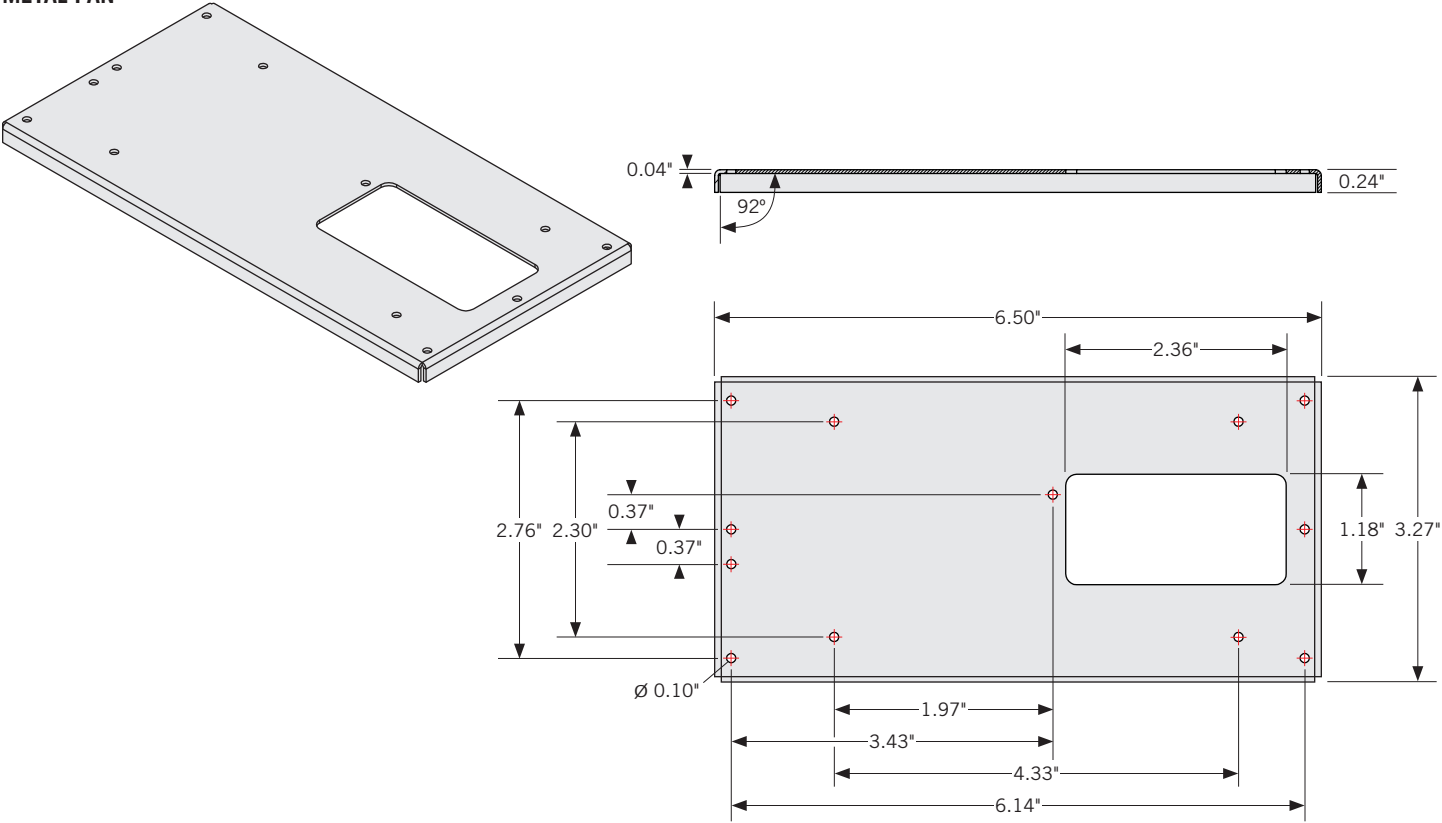
Note: Catalog numbers ending in -UV replace the previous, dedicated 120V version of the rectangular LED kits (catalog numbers KT-RKIT-RP-6-800-8XX and KT-RKIT-RP-6-1600-8XX).

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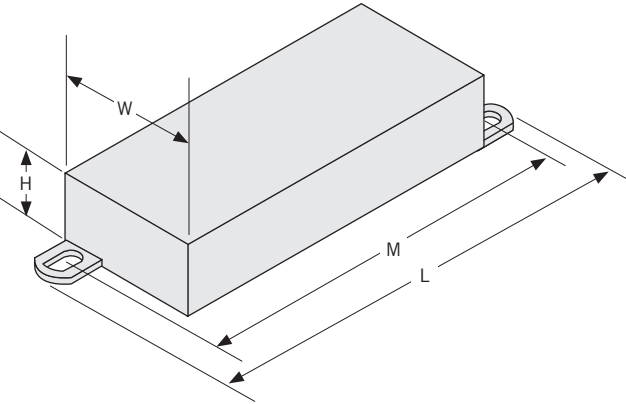
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PHYSICAL SPECIFICATIONS

METAL PAN



LED DRIVER



DIMENSIONS

L (Length)	3.70"
W (Width)	1.30"
H (Height)	0.79"
M (Mounting)	3.40"