

8" CIRCULAR LED KITS

1600 AND 2200 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 (Threaded Rod, Mounting Hardware, and Wiring Hardware)



RoHS
Compliant

10YEAR
WARRANTY

APPLICATION

Upgrade circular surface-mount 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 > 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

- Dimming Options: 120V Phase Control or 120-277V 0-10V
- High 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%



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PERFORMANCE SPECIFICATIONS

8", 1600 LUMEN CIRCULAR

Dimming Type: Phase Control

KIT CONTENTS:

Driver: KTLD-20-1-560-FDIM-AQ7

Module: (1) KTLM-900-C2-8xx-48A

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 System Lumens	Total Module Power	Module Efficacy	Driver Efficiency	Total System Power	Total System Efficacy
3000K	120V	KT-RKIT-CP-8-1600-830-FDIM	1	560mA	560mA	1700	13W	130 lm/W	80%	16.2W	105 lm/W
4000K	120V	KT-RKIT-CP-8-1600-840-FDIM	1	560mA	560mA	1750	13W	135 lm/W	80%	16.2W	108 lm/W
5000K	120V	KT-RKIT-CP-8-1600-850-FDIM	1	560mA	560mA	1800	13W	138 lm/W	80%	16.2W	111 lm/W

Dimming Type: 0-10V

KIT CONTENTS:

Driver: KTLD-20-UV-560-VDIM-AQ7

Module: (1) KTLM-900-C2-8xx-48A

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 System Lumens	Total Module Power	Module Efficacy	Driver Efficiency	Total System Power	Total System Efficacy
3000K	120-277V	KT-RKIT-CP-8-1600-830-VDIM	1	560mA	560mA	1700	13W	130 lm/W	80%	16.2W	105 lm/W
4000K	120-277V	KT-RKIT-CP-8-1600-840-VDIM	1	560mA	560mA	1750	13W	135 lm/W	80%	16.2W	108 lm/W
5000K	120-277V	KT-RKIT-CP-8-1600-850-VDIM	1	560mA	560mA	1800	13W	138 lm/W	80%	16.2W	111 lm/W

8", 2200 LUMEN CIRCULAR

Dimming Type: Phase Control

KIT CONTENTS:

Driver: KTLD-20-1-560-FDIM-AQ7

Module: (1) KTLM-900-C2-8xx-60A

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 System Lumens	Total Module Power	Module Efficacy	Driver Efficiency	Total System Power	Total System Efficacy
3000K	120V	KT-RKIT-CP-8-2200-830-FDIM	1	560mA	560mA	2110	16.3W	129 lm/W	80%	20.4W	103 lm/W
4000K	120V	KT-RKIT-CP-8-2200-840-FDIM	1	560mA	560mA	2180	16.3W	134 lm/W	80%	20.4W	107 lm/W
5000K	120V	KT-RKIT-CP-8-2200-850-FDIM	1	560mA	560mA	2240	16.3W	137 lm/W	80%	20.4W	109 lm/W

Dimming Type: 0-10V

KIT CONTENTS:

Driver: KTLD-20-UV-560-VDIM-AQ7

Module: (1) KTLM-900-C2-8xx-60A

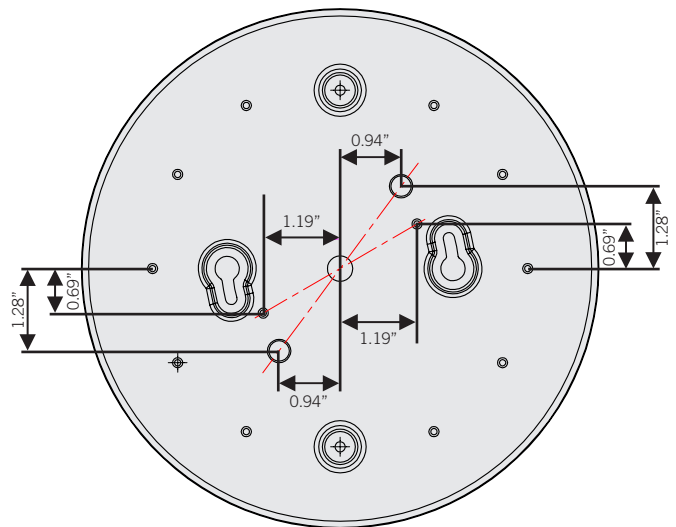
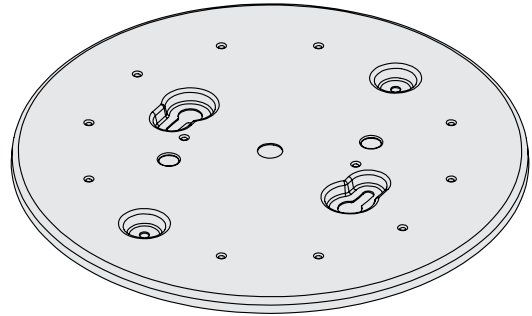
Metal Pan: Yes

Mounting Hardware and Accessories

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4000K	120-277V	KT-RKIT-CP-8-2200-840-VDIM	1	560mA	560mA	2180	16.3W	134 lm/W	80%	20.4W	107 lm/W
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METAL PAN



Technical drawing of a circular part. The outer diameter is 7.01 inches and the inner hole diameter is 3.70 inches. The part features six radial slots, each with a semi-circular end. There are also six small circular holes, one in each of the six segments between the radial slots.

A diagram of a circular plate with a diameter of 7.86 inches. The plate features six identical, shaded, teardrop-shaped segments arranged radially. A dimension line indicates that the distance from the center of the plate to the inner edge of one of these segments is 4.51 inches.

A 3D schematic of a rectangular block with a hemispherical top. The block has a total height H , a hemispherical top with width W , a rectangular base with length L and width M , and a small rectangular protrusion on the side.

LENGTH	6.46"
WIDTH	1.32"
HEIGHT	1.00"
MOUNTING	6.00"