LINEAR LED KITS
2x2 AND 2x4 INDOOR TROFFERS

FUTURE FIT LED KITS

RoHS Compliant 10 YEAR WARRANTY

DESCRIPTION
UL 1598C Classified LED retrofit kit. Includes the following components:

• (1) LED Driver • (2) LED Modules • Mounting Accessories (Jumper Wires, Tek Screws with Rubber Grommets, Power Quick-Disconnect)

APPLICATION
Upgrade indoor troffer 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
- 120-277V Input, High Power Factor, 0-10V Dimming
- 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

2x4, 4000 LUMEN LINEAR

Dimming Type: 0-10V

KIT CONTENTS:
Driver: (1) KTLD-40-UV-1100-VDIM-L9
Module: (2) KTLM-1050-L6-8xx-63A
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
3500K	120-277V	KT-RKIT-24-4000-835-VDIM	2	1100mA	550mA	3820	30W	129 lm/W	82%	36W	106 lm/W
4000K	120-277V	KT-RKIT-24-4000-840-VDIM	2	1100mA	550mA	3860	30W	130 lm/W	82%	36W	107 lm/W
5000K	120-277V	KT-RKIT-24-4000-850-VDIM	2	1100mA	550mA	4000	30W	135 lm/W	82%	36W	111 lm/W

2x4, 5000 LUMEN LINEAR

Dimming Type: 0-10V

KIT CONTENTS:
Driver: (1) KTLD-40-UV-1100-VDIM-L9
Module: (2) KTLM-1050-L6-8xx-77A
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
3500K	120-277V	KT-RKIT-24-5000-835-VDIM	2	1100mA	550mA	4680	36W	130 lm/W	82%	44W	107 lm/W
4000K	120-277V	KT-RKIT-24-5000-840-VDIM	2	1100mA	550mA	4800	36W	133 lm/W	82%	44W	109 lm/W
5000K	120-277V	KT-RKIT-24-5000-850-VDIM	2	1100mA	550mA	5000	36W	138 lm/W	82%	44W	113 lm/W

2x2, 4000 LUMEN LINEAR

Dimming Type: 0-10V

KIT CONTENTS:
Driver: (1) KTLD-40-UV-1100-VDIM-L9
Module: (2) KTLM-1050-L2-8xx-63A
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
3500K	120-277V	KT-RKIT-22-4000-835-VDIM	2	1100mA	550mA	3820	30W	129 lm/W	82%	36W	106 lm/W
4000K	120-277V	KT-RKIT-22-4000-840-VDIM	2	1100mA	550mA	3860	30W	130 lm/W	82%	36W	107 lm/W
5000K	120-277V	KT-RKIT-22-4000-850-VDIM	2	1100mA	550mA	4000	30W	135 lm/W	82%	36W	111 lm/W

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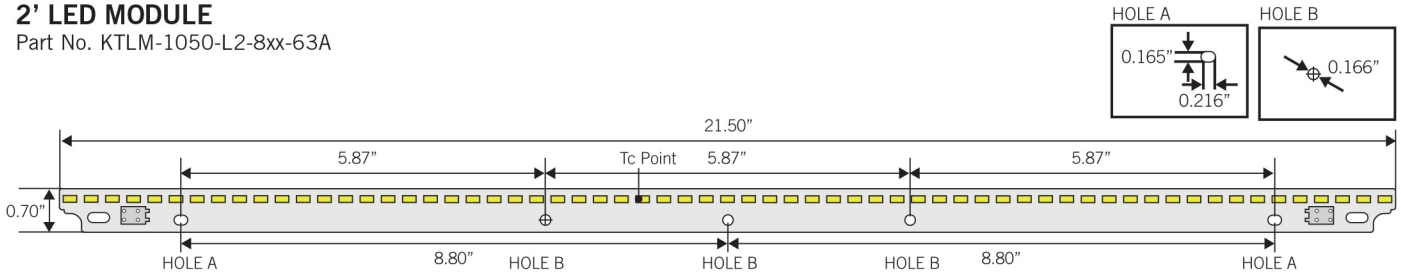
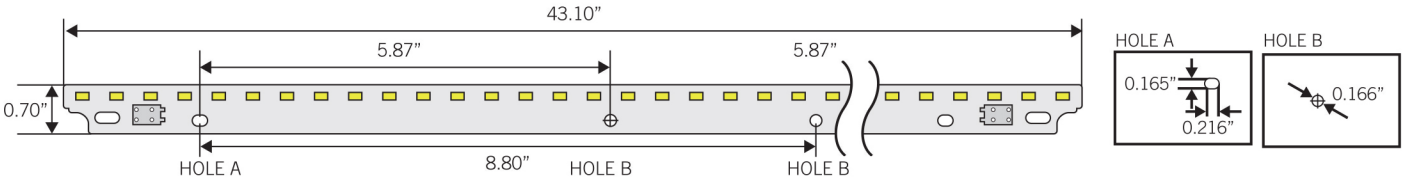
PHYSICAL SPECIFICATIONS

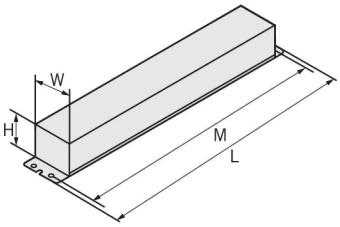
2' LED MODULE
Part No. KTLM-1050-L2-8xx-63A



4' LED MODULES
Part No. KTLM-1050-L6-8xx-77A and Part No. KTLM-1050-L6-8xx-63A
Note: LEDs on modules below are to show placement only.



LED DRIVER



LENGTH	9.57"
WIDTH	1.13"
HEIGHT	1.07"
MOUNTING	8.90"

ORDERING INFORMATION

Order Code	Packaging Style	Package Quantity	Item Status
KT-RKIT-24-4000-8xx-VDIM-BP	Bulk Packaged	20	Quick Ship
KT-RKIT-24-4000-8xx-VDIM-IP	Individually Packaged	1	Quick Ship
KT-RKIT-24-5000-8xx-VDIM-BP	Bulk Packaged	20	Quick Ship
KT-RKIT-24-5000-8xx-VDIM-IP	Individually Packaged	1	Quick Ship
KT-RKIT-22-4000-8xx-VDIM-BP	Bulk Packaged	20	Quick Ship
KT-RKIT-22-4000-8xx-VDIM-IP	Individually Packaged	1	Quick Ship

CATALOG NUMBER BREAKDOWN

KT-RKIT-24-4000-840-VDIM

1 2 3 4 5 6 7

1 **Keystone Technologies**
2 **Retrofit Kit**
3 **Nominal Size:** 24 = 2'x 4' Troffer; 22 = 2'x 2' Troffer
4 **Nominal Lumens**
5 **CRI:** 8 = 800 Series
6 **CCT:** 35 = 3500K, 40 = 4000K; 50 = 5000K
7 **Dimming Type:** VDIM = 0-10V Dimming