KEYSTONE SINCE 1945 | **XFIT**

KT-PLED40-22-8XX-VDIM
LED PANEL LIGHT

DESCRIPTION
2'x2' LED panel light, 40W family, 120-277V input, 0-10V dimming

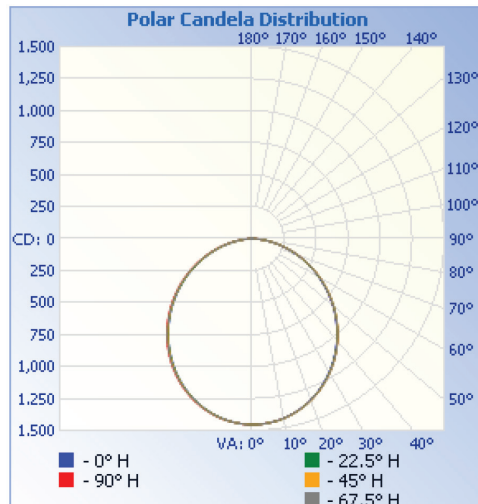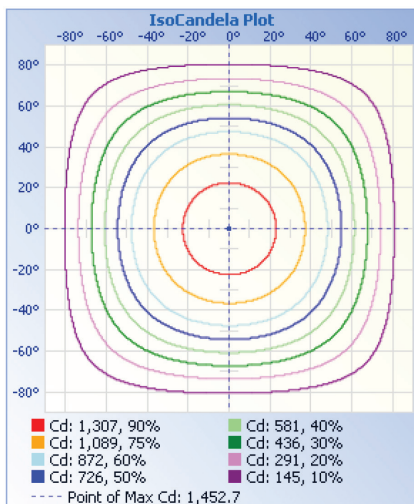DLC LISTED   c(UL)us LISTED   7 YEAR WARRANTY

PRODUCT FEATURES

• Low profile architectural grade design

• Fits standard T-grid ceilings

• Suitable for surface or suspension mount with optional accessories

• High quality laser etched PMMA resin light guide plate offers optimal light diffusion with no risk of yellowing over product lifetime

• Powered by Keystone 0-10V dimming LED driver with built-in junction box

• Compatible with Keystone SmartSafe emergency LED drivers; KT-EMRG-LED-5-500-EN /DF or KT-EMRG-LED-12-1200-EN /DF are optimal for fixture level installation; mounting kit KT-PLED-EM-BR-KIT required (sold separately)

• 60,000 hour rated life

• Over 50% energy savings as compared to traditional fluorescent troffers

• LED color binning within 4 SDCM ensures supreme color consistency between all panels

• Operating temperature range: -20°C/-4°F to 40°C/104°F

• Suitable for damp locations

PERFORMANCE SPECIFICATIONS

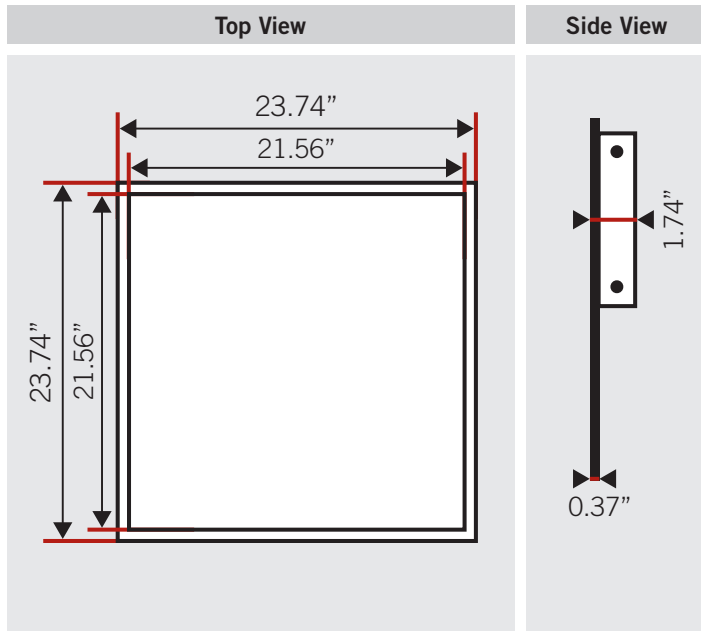| Catalog Number	Input Voltage	Wattage	Color Temperature	Lumen Output	CRI	Power Factor	Efficacy	Lifetime
KT-PLED40-22-835-VDIM	120-277V	40W	3500K	4,050	>81.4	>0.9	101 lm/W	60,000 Hours
KT-PLED40-22-840-VDIM	120-277V	40W	4000K	4,100	>81.4	>0.9	103 lm/W	60,000 Hours
KT-PLED40-22-850-VDIM	120-277V	40W	5000K	4,150	>81.4	>0.9	104 lm/W	60,000 Hours

PHOTOMETRIC SPECIFICATIONS

IsoCandela Plot

Cd: 1,307, 90%   Cd: 581, 40%
Cd: 1,089, 75%   Cd: 436, 30%
Cd: 872, 60%   Cd: 291, 20%
Cd: 726, 50%   Cd: 145, 10%
---- Point of Max Cd: 1,452.7

Polar Candela Distribution

- 0° H   - 22.5° H
- 90° H   - 45° H
              - 67.5° H

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	1,117.2	27.9%
0-40	1,818.1	45.3%
0-60	3,174.6	79.2%
60-90	835.3	20.8%
70-100	351.4	8.8%
90-120	0.0	0%
0-90	4,009.9	100%
90-180	0.9	0%
0-180	4,010.8	100%

KT-PLED40-22-8XX-VDIM
LED PANEL LIGHT

PHYSICAL SPECIFICATIONS

Top View	Side View

Top View dimensions: 23.74", 21.56" (width); 23.74", 21.56" (height)

Side View dimensions: 1.74", 0.37"

WEIGHT INFORMATION

1 Piece	1 Carton
7.50 lbs	17.81 lbs

ACCESSORIES (SOLD SEPARATELY)

Accessory	Catalog Number	Description
Cable Hanging Kit	KT-PLED-CABLE-KIT	Cable hanging kit for LED panel lights (includes 3 cable sets)
Surface Mount Kit	KT-PLED-SM-22-KIT	Surface mount kit for (1) 2x2 LED panel light
SmartSafe Emergency Battery Backup	KT-EMRG-LED-5-500-EN /DF	5W, 500 lumen SmartSafe emergency battery back-up with dual flex cables
	KT-EMRG-LED-12-1200-EN /DF	12W, 1200 lumen SmartSafe emergency battery back-up with dual flex cables for remote mounting only
Emergency LED Backup Mounting Kit	KT-PLED-EM-BR-KIT	Bracket kit for mounting emergency LED backup to LED panel lights; designed for use with KT-EMRG-LED-5-500-EN /DF and KT-EMRG-LED-12-1200-EN /DF

CATALOG NUMBER BREAKDOWN

KT-PLED40-22-8XX-VDIM
1   2   3   4   5 6   7

1 Keystone Technologies
2 Panel Light LED Fixture
3 Wattage
4 2' x 2' Nominal Size
5 800 Series
6 Color Temperature
7 0-10V Dimming