KEYSTONE | XFIT

SINCE 1945

KT-PLED30-24-8XX-VDIM-P
LED PANEL LIGHT

DESCRIPTION

2'x4' LED panel light, 30W family, 120-277V input, 0-10V dimming

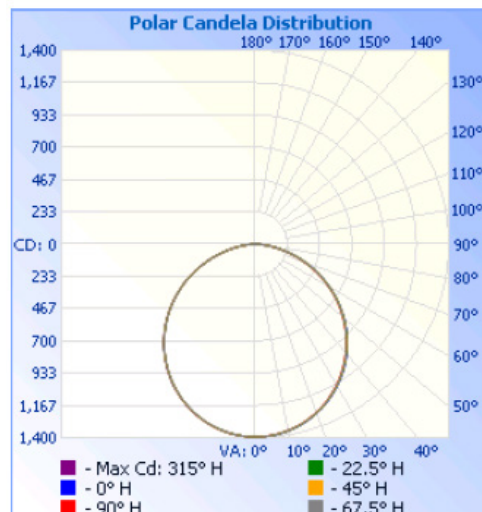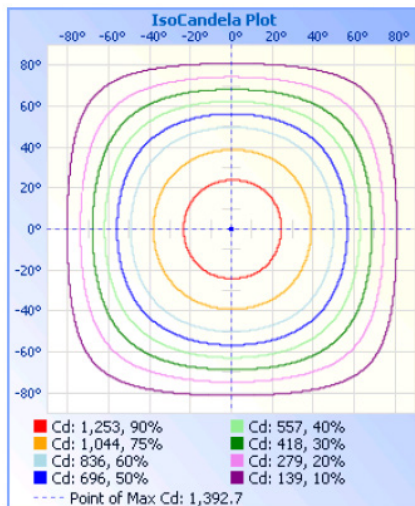DLC PREMIUM   cULus LISTED   7 YEAR WARRANTY

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: -20ºC/-4ºF to 40ºC/104ºF
• Suitable for damp locations
• Listed on DLC QPL, Premium
• Terminal box on driver accepts 14-22AWG

PERFORMANCE SPECIFICATIONS

Catalog Number	Input Voltage	Wattage	Color Temperature	Lumen Output	CRI	Power Factor	Efficacy	Lifetime
KT-PLED30-24-835-VDIM-P	120-277V	30W	3500K	3,750	>81.9	>0.9	125 lm/W	60,000 Hours
KT-PLED30-24-840-VDIM-P	120-277V	30W	4000K	3,800	>81.9	>0.9	127 lm/W	60,000 Hours
KT-PLED30-24-850-VDIM-P*	120-277V	30W	5000K	3,850	>81.9	>0.9	128 lm/W	60,000 Hours

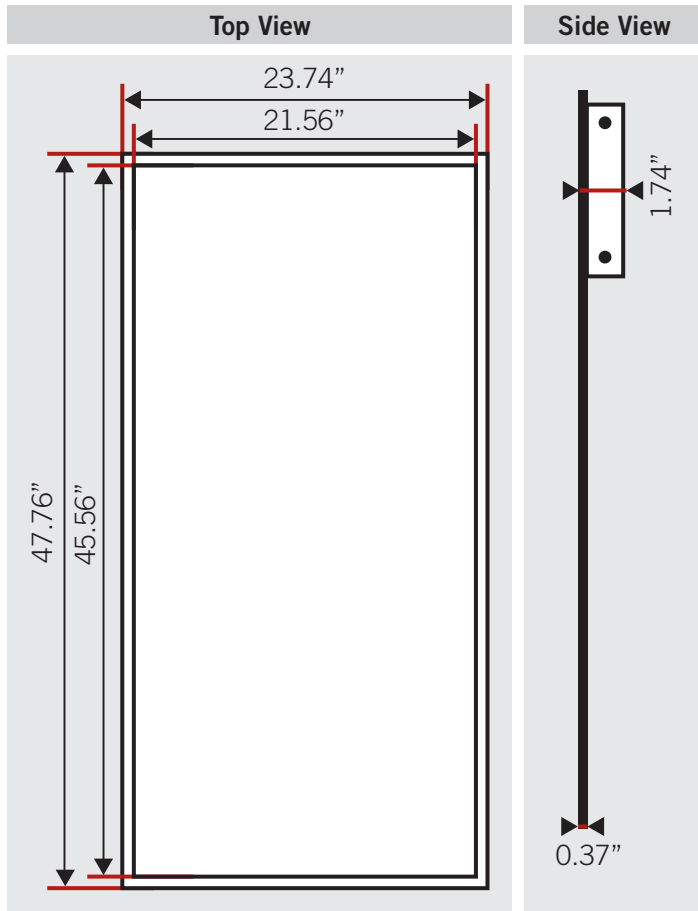*Available for special order only

PHOTOMETRIC SPECIFICATIONS

IsoCandela Plot

Cd: 1,253, 90%   Cd: 557, 40%
Cd: 1,044, 75%   Cd: 418, 30%
Cd: 836, 60%   Cd: 279, 20%
Cd: 696, 50%   Cd: 139, 10%
Point of Max Cd: 1,392.7

Polar Candela Distribution

- Max Cd: 315° H   - 22.5° H
- 0° H   - 45° H
- 90° H   - 67.5° H

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	1,082.1	27.1%
0-40	1,773.5	44.4%
0-60	3,141.1	78.6%
60-90	850.0	21.3%
70-100	358.0	9%
90-120	3.0	0.1%
0-90	3,991.1	99.9%
90-180	5.7	0.1%
0-180	3,996.8	100%

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PHYSICAL SPECIFICATIONS

Top View	Side View
23.74" · 21.56" · 47.76" · 45.56"	1.74" · 0.37"

WEIGHT INFORMATION

1 Piece	1 Carton
13.67 lbs	33.69 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-24-KIT	Surface mount kit for (1) 2x4 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-PLED30-24-8XX-VDIM-P
1   2   3   4   5   6   7   8

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