KEYSTONE | **XFIT**
SINCE 1945

KT-PLED20-22-8XX-VDIM-P
LED PANEL LIGHT

DESCRIPTION
2'x2' LED panel light, 20W family, 120-277V input, 0-10V dimming

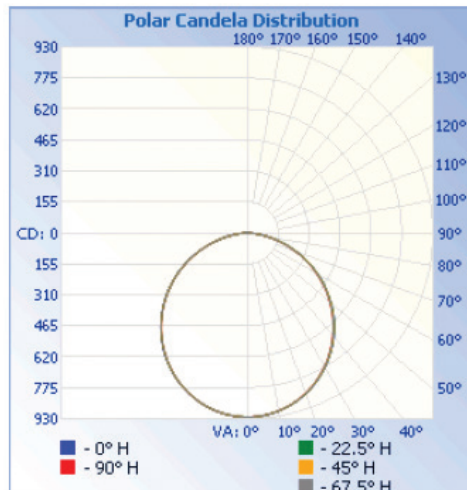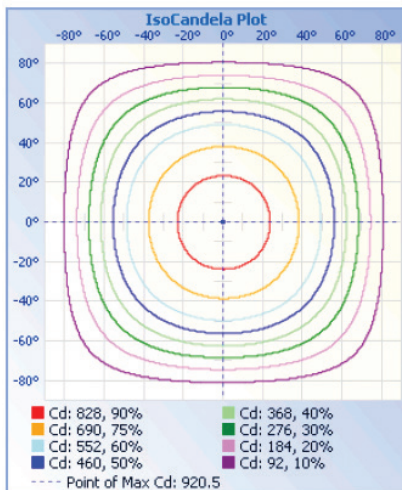DLC PREMIUM   C(UL)US LISTED   7 YEAR WARRANTY

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

PERFORMANCE SPECIFICATIONS

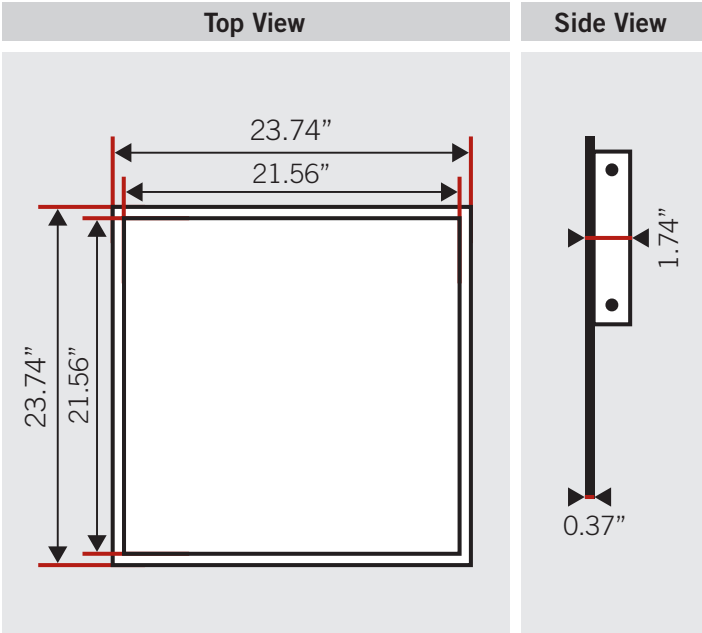| Catalog Number	Input Voltage	Wattage	Color Temperature	Lumen Output	CRI	Power Factor	Efficacy	Lifetime
KT-PLED20-22-835-VDIM-P	120-277V	20W	3500K	2,500	>81.9	>0.9	125 lm/W	60,000 Hours
KT-PLED20-22-840-VDIM-P	120-277V	20W	4000K	2,550	>81.9	>0.9	127 lm/W	60,000 Hours
KT-PLED20-22-850-VDIM-P	120-277V	20W	5000K	2,600	>81.9	>0.9	130 lm/W	60,000 Hours

PHOTOMETRIC SPECIFICATIONS

IsoCandela Plot

Cd: 828, 90%   Cd: 368, 40%
Cd: 690, 75%   Cd: 276, 30%
Cd: 552, 60%   Cd: 184, 20%
Cd: 460, 50%   Cd: 92, 10%
Point of Max Cd: 920.5

Polar Candela Distribution

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

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	712.7	27.2%
0-40	1,165.8	44.6%
0-60	2,058.0	78.7%
60-90	552.6	21.1%
70-100	232.3	8.9%
90-120	2.9	0.1%
0-90	2,610.5	99.8%
90-180	5.8	0.2%
0-180	2,616.3	100%

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PHYSICAL SPECIFICATIONS

Top View

23.74"
21.56"
23.74"
21.56"

Side View

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-PLED20-22-8XX-VDIM-P
1   2 3   4 5 6   7   8

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**
8 **Premium Series**