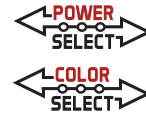




XFit



KT-BPLED60PS-24-8CSA-VDIM /G3

BACKLIT LED PANEL LIGHT

DESCRIPTION

2'x4' LED panel light | 60, 50 and 40W

120-277V input | 0-10V dimming | Backlit Design | Generation 3



10 YEAR
LIMITED WARRANTY

PRODUCT FEATURES

- Keystone Power Select technology (see Performance Specifications for details)
- Keystone Color Select technology (3500/4000/5000K)
- Aluminum frame featuring stepped edge design detail and gloss white paint for improved aesthetics
- New backlit style design; fits standard T-grid ceilings
- Suitable for recessed or surface mount (with optional accessories)*
- Construction features precise optical lenses over each individual LED, offering optimal light diffusion and consistent surface illumination, with no risk of yellowing over product lifetime
- Suitable for damp locations
- Powered by Keystone 0-10V dimmable LED driver with built-in junction box
- Compatible with Keystone SmartSafe LED emergency backup
- Over 50% energy savings compared to traditional fluorescent troffers
- Operating temp range -20°C/-4°F to 40°C/104°F
- IC Rated
- LED chip lifetime: L70 >100,000 hours @ 25°C/77°F ambient fixture temperature
- NSF Listed Component: NSF/ANSI Standard 2 - Food Equipment, Splash Zone (Not for Direct Food Zone without additional fixture considerations)

* For use in non-fire rated installations only

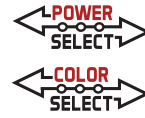
PERFORMANCE SPECIFICATIONS DETAILED

Catalog Number	Input Voltage	Wattage	CCT	Lumen Output	Efficacy	CRI	Power Factor	Lifetime
KT-BPLED60PS-24-8CSA-VDIM /G3*	120-277V	60W	3500K	7,900	132 lm/W	>80	>0.9	50,000 Hours
			4000K	8,200	137 lm/W			
			5000K	8,000	134 lm/W			
		50W	3500K	6,700	135 lm/W			
			4000K	7,000	140 lm/W			
			5000K	6,850	137 lm/W			
		40W	3500K	5,500	138 lm/W			
			4000K	5,920	148 lm/W			
			5000K	5,760	144 lm/W			

ONE CATALOG NUMBER WITH 9 DIFFERENT OPTIONS

* Preset to (60W / 5000K)

* Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017.

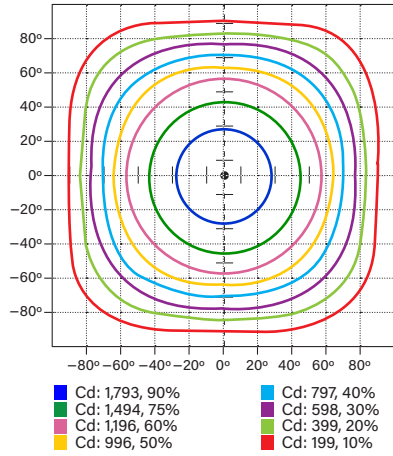


KT-BPLED60PS-24-8CSA-VDIM /G3

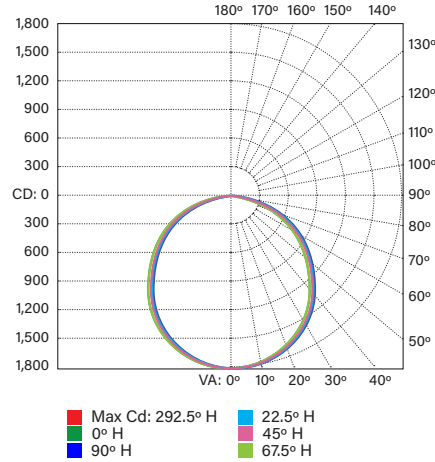
BACKLIT LED PANEL LIGHT

PHOTOMETRIC SPECIFICATIONS

ISOCANDELA PLOT



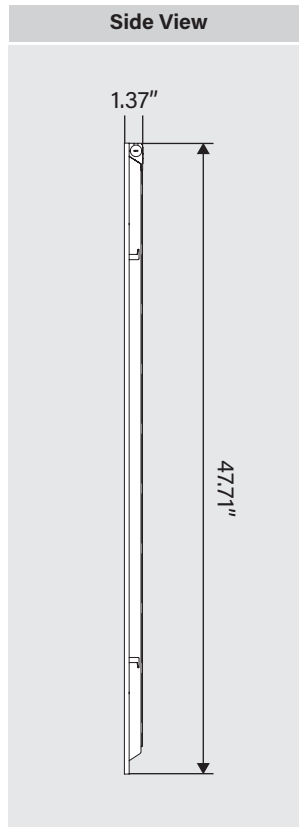
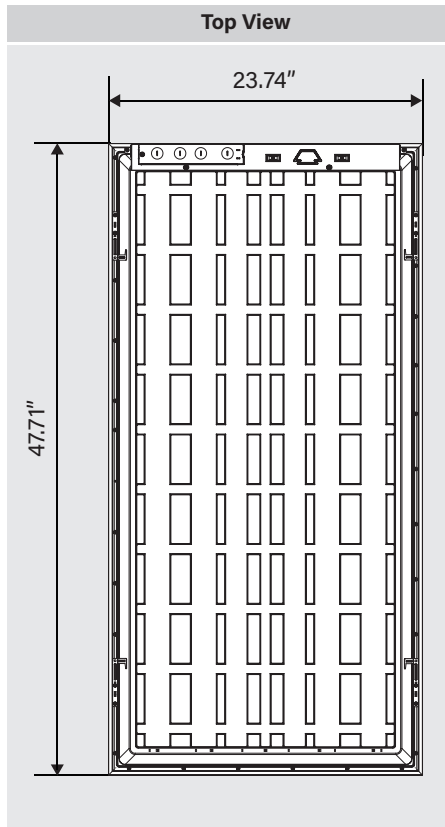
POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

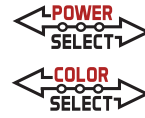
Zone	Lumens	% Luminaire
0-60	4,546.4	77.9%
60-90	1,275.8	21.9%
0-90	5,822.2	99.8%
90-180	12.0	0.2%
0-180	5,834.1	100%

PHYSICAL SPECIFICATIONS



WEIGHT INFORMATION

1 Piece	1 Carton
11.5 lbs	23 lbs



KT-BPLED60PS-24-8CSA-VDIM /G3

BACKLIT LED PANEL LIGHT

ACCESSORIES

SENSORS/CONTROLLERS

Factory-Installable OR Field-Installable (field-installable purchased separately)

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/FC1-PIR	KTSL-FC1-UV-KO-PIR	Bluetooth Mesh Wireless Fixture Controller for SmartLoop System with emote mountable daylight and PIR motion sensor. 120-277V. 3A Max Load with 0-10V Dimming	843654129259	MGZ-59



* For factory installation of accessory, add suffix to fixture part number (see ordering examples and instructions on last page of spec sheet).

CORD SETS

Factory-Installable OR Field-Installable (field-installable purchased separately)

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/515P6	KT-CS-515P-6-18/3**	Cord set for high bay; 125V NEMA 5-15P; straight blade plug; 6' SJTOW cable; 18/3 wire	843654140124	UKH-26
	/MC13	KT-MC-NP-1-18/3	Metal clad cable for fixtures, No Plug, 1ft long, 18/3 wire (L,N,G)	843654139777	AYT-71
	/MC63	KT-MC-NP-6-18/3	Metal clad cable for fixtures. No Plug. 6ft long. 18/3 wire (L,N,G)	843654134505	EYP-82
	/MC65	KT-MC-NP-6-18/5	Metal clad cable for fixtures. No Plug. 6ft long. 18/5 wire (L,N,G, LV)	843654134512	CBU-56
	/MC66	KT-MC-NP-6-18/6	Metal clad cable for fixtures. No Plug. 6ft long. 18/6 wire (L,S,N,G, LV)	843654164229	KFF-99

* For factory installation of accessory, add suffix to fixture part number (see ordering examples and instructions on last page of spec sheet).

Note: For cord sets not listed here, please contact your Keystone sales rep.

**FOR SAMPLES ONLY NOT FOR PERMANENT INSTALL.

(Accessories continued on next page)

KT-BPLED60PS-24-8CSA-VDIM /G3

BACKLIT LED PANEL LIGHT

ACCESSORIES (continued)

EMERGENCY BACKUPS

Factory-Installable OR Field-Installable (field-installable purchased separately)

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/EM5†	KT-EMRG-LED-5C-500-EN /DF	5W, 500 lumen Smart Safe emergency backup with dual flex cables	843654132433	RAR-74
	/EM12†	KT-EMRG-LED-12C-1200-EN /DF	12W, 1200 lumen Smart Safe emergency backup with dual flex cables	890949019900	YCV-23



5W, 500 lumen Battery Backup
KT-EMRG-LED-5C-500-EN /DF



12W, 1200 lumen Battery Backup
KT-EMRG-LED-12C-1200-EN /DF



* For factory installation of accessory, add suffix to fixture part number (see ordering examples and instructions on last page of spec sheet).

† Factory installation of emergency backup units will automatically include any relevant mounting bracket.

MOUNTS/BRACKETS

Field-Installable / Field-Use ONLY (purchased separately)

CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
KT-BPLED-SM-24-KIT /G2	Surface Mount Kit 2x4 Backlit panels	843654134543	CGY-52



Surface Mount Kit
KT-BPLED-SM-24-KIT



Field-Installable / Field-Use ONLY (purchased separately)

CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
KT-BPLED-EM-22/4-KIT /G3	Emergency LED backup mounting bracket kit for 2'x2' and 2'x4' Gen 3 backlit panel fixtures	843654163253	MSJ-67



Emergency Backup Mounting Bracket
KT-BPLED-EM-22/4-KIT /G3





KT-BPLED60PS-24-8CSA-VDIM /G3

BACKLIT LED PANEL LIGHT

ORDERING INFORMATION

CATALOG NUMBER	CARTON QTY.	EASY CODE	UPC	DLC PRODUCT ID
KT-BPLED60PS-24-8CSA-VDIM /G3	2	TTU-90	843654171685	S-YK83YP S-JQK1XL

CATALOG NUMBER BREAKDOWN

KT-BPLED60PS-24-8CSA-VDIM /G3

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

1 Keystone Technologies

2 Backlit Panel Light LED Fixture

3 Wattage

4 Power Select

5 2' x 4' Nominal Size

6 80 CRI

7 Color Select

8 Color Select Designation

9 0-10V Dimming

10 Generation 3

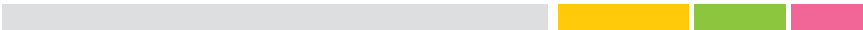
8 Color Select Designation

A 3500K, 4000K, 5000K

ORDERING EXAMPLES

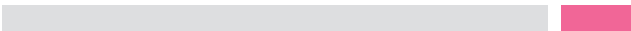
FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES*

KT-BPLED60PS-24-8CSA-VDIM /G3 /FC1-PIR/MC13/EM5



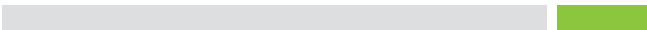
FIXTURE WITH SINGLE FACTORY-INSTALLED ACCESSORY

KT-BPLED60PS-24-8CSA-VDIM /G3 /EM5



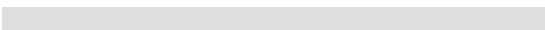
FIXTURE WITH SINGLE FACTORY-INSTALLED ACCESSORY

KT-BPLED60PS-24-8CSA-VDIM /G3 /MC13



FIXTURE WITH NO FACTORY-INSTALLED ACCESSORIES

KT-BPLED60PS-24-8CSA-VDIM /G3



KEYSTONE FIXTURE

CATALOG NUMBER

KT-BPLED60PS-24-8CSA-VDIM /G3

SENSORS

✓	SUFFIX	CATALOG NUMBER
✓	/FC1-PIR	KTSL-FC1-UV-KO-PIR

CORD SETS

✓	SUFFIX	CATALOG NUMBER
✓	/MC13	KT-MC-NP-1-18/3

EMERGENCY BACKUP

✓	SUFFIX	CATALOG NUMBER
✓	/EM5	KT-EMRG-LED-5C-500-EN /DF

*When ordering more than one factory-installed accessory, use multiple suffixes as shown in the ordering examples above.

Note: All accessories can also be ordered separately for field installation using just their regular Catalog Number, UPC, or Easy Code.