



KT-BPLED20-22-8XX-VDIM-P

BACKLIT LED PANEL LIGHT

DESCRIPTION

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



5 YEAR
WARRANTY

PRODUCT FEATURES

- 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

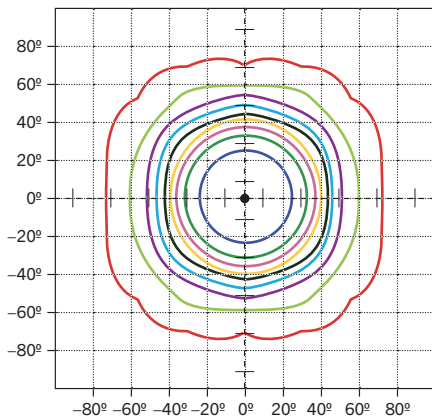
* For use in non-fire rated installations only

PERFORMANCE SPECIFICATIONS

Catalog Number	Input Voltage	Wattage	Color Temperature	Lumen Output	CRI	Power Factor	Efficacy	Lifetime
KT-BPLED20-22-835-VDIM-P	120-277V	20W	3500K	2,500	>80	>0.9	125 lm/W	50,000 Hours
KT-BPLED20-22-840-VDIM-P	120-277V	20W	4000K	2,500	>80	>0.9	125 lm/W	50,000 Hours
KT-BPLED20-22-850-VDIM-P	120-277V	20W	5000K	2,500	>80	>0.9	125 lm/W	50,000 Hours

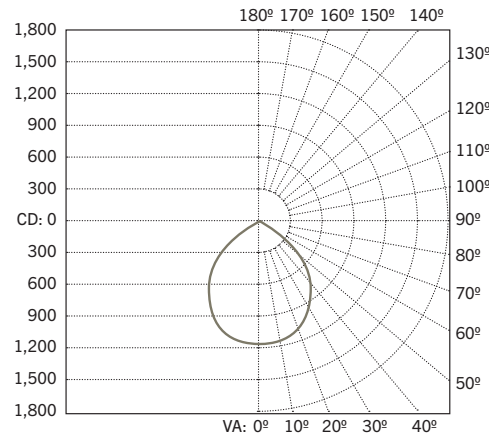
PHOTOMETRIC SPECIFICATIONS

ISOCANDELA PLOT



■ Cd: 1057, 90%	■ Cd: 470, 40%
■ Cd: 940, 80%	■ Cd: 353, 30%
■ Cd: 822, 70%	■ Cd: 235, 20%
■ Cd: 705, 60%	■ Cd: 118, 10%
■ Cd: 587, 50%	

POLAR CANDELA DISTRIBUTION



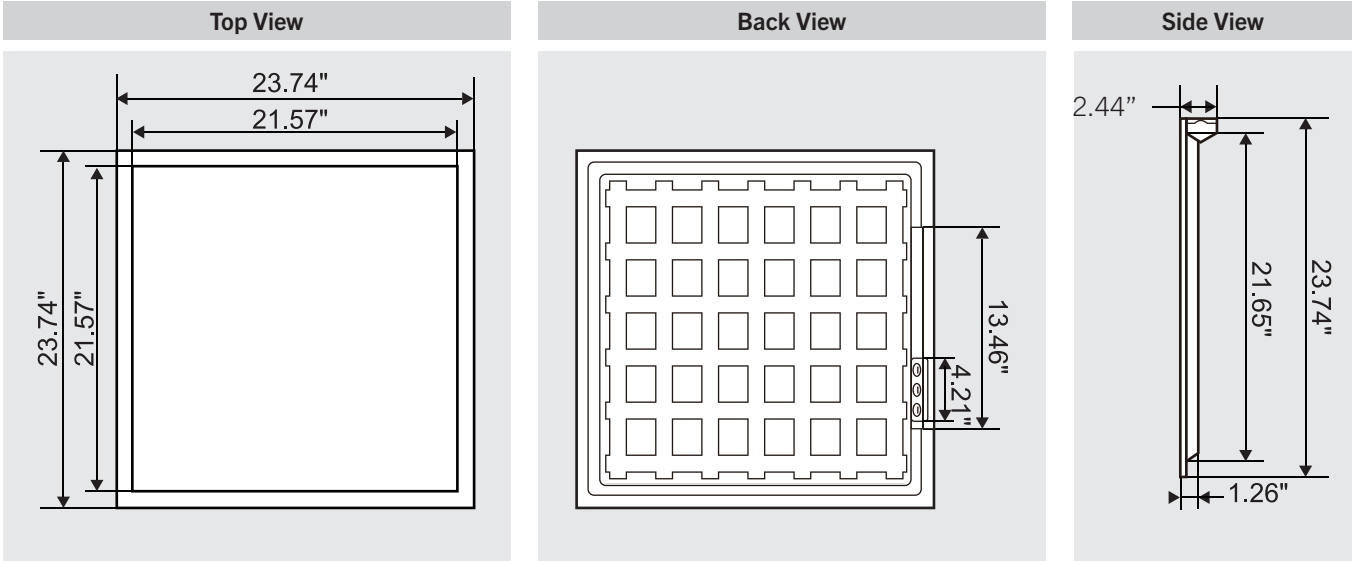
■ 83.5° H
■ 88.3° H
■ 84.7° H
■ 89.2° H

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-60	2,159.9	86.9%
60-90	323.8	13.0%
0-90	2,483.7	99.9%
90-180	2.7	0.1%
0-180	2,486.4	100%

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PHYSICAL SPECIFICATIONS

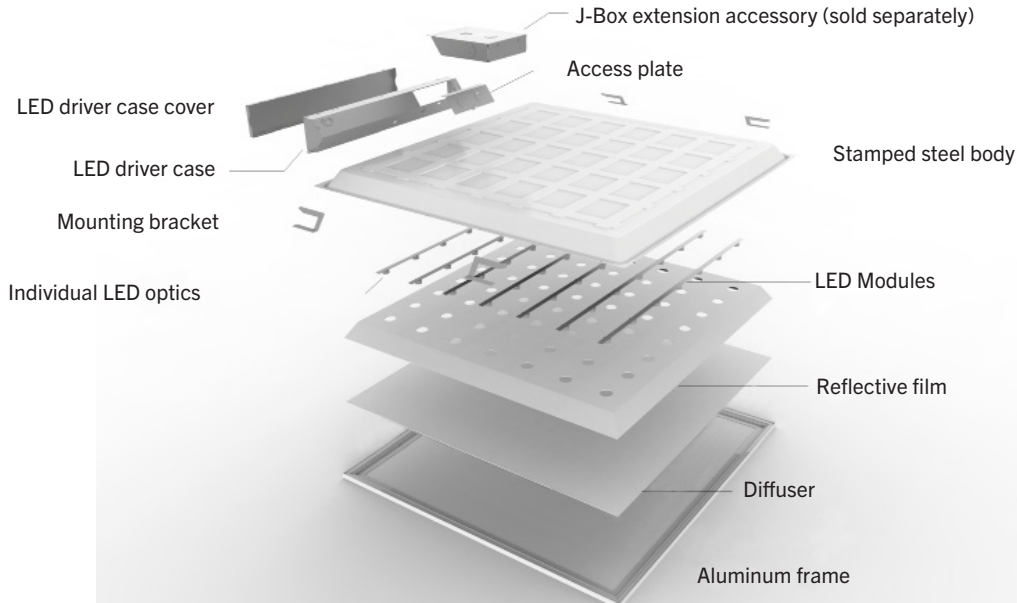


WEIGHT INFORMATION

1 Piece	1 Carton
6.2 lbs	12.4 lbs

EXPLODED VIEW

CONSTRUCTION FEATURES




KT-BPLED20-22-8XX-VDIM-P

BACKLIT LED PANEL LIGHT

ACCESSORIES

SENSORS

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 remote mountable daylight and PIR motion sensor. 120-277V. 3A Max Load with 0-10V Dimming	 843654129259	MGZ-59



Smart Loop PIR Sensor
KTSL-FC1-UV-KO-PIR

* 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
	/L715P10	KT-CS-L715P-10-16/3	Cord set for high bays; 277V NEMA L7-15P; twist lock plug; 10' SJTOW cable; 16/3 wire	843654140131	SFV-88
	/L615P10	KT-CS-L615P-10-16/3	Cord set for high bays; 250V NEMA L6-15P; twist lock plug; 10' SJTOW cable; 16/3 wire	843654140148	ZQS-05
	/L515P10	KT-CS-L515P-10-16/3	Cord set for high bays; 250V NEMA L5-15P; twist lock plug; 10' SJTOW cable; 16/3 wire	843654140155	GVH-22
	/L715P6	KT-CS-L715P-6-16/3	Cord set for high bays; 277V NEMA L7-15P; twist lock plug; 6' SJTOW cable; 16/3 wire	843654140162	DVU-44
	/L615P6	KT-CS-L615P-6-16/3	Cord set for high bays; 250V NEMA L6-15P; twist lock plug; 6' SJTOW cable; 16/3 wire	843654140179	LCW-66
	/L515P6	KT-CS-L515P-6-16/3	Cord set for high bays; 250V NEMA L5-15P; twist lock plug; 6' SJTOW cable; 16/3 wire	843654140186	POC-82
	/MC63	KT-MC-NP-6-18/3	MC cable whip for high bays; no plug; inners 1/2" strip on both ends; 6' metal-clad cable; 18/3 wire	843654134505	EYP-82
	/MC65	KT-MC-NP-6-18/5	MC cable whip for high bays; no plug; inners 1/2" strip on both ends; 6' metal-clad cable; 18/5 wire (dimming wires included)	843654134512	CBU-56
	/NP10	KT-CS-NP-10-16/3	Cord for high bays; no plug; inners 1/2" strip on both ends; 10' SJTOW cable; 16/3 wire	843654140193	YOH-90
	/NP6	KT-CS-NP-6-16/3	Cord for high bays; no plug; inners 1/2" strip on both ends; 6' SJTOW cable; 16/3 wire	843654140216	HUB-73
	/NP15	KT-CS-NP-15-16/3	Cord for high bays; no plug; inners 1/2" strip on both ends; 15' SJTOW cable; 16/3 wire	843654140209	EYD-18



Cord Sets

* 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.

(Accessories continued on next page)



KT-BPLED20-22-8XX-VDIM-P

BACKLIT LED PANEL LIGHT

ACCESSORIES (continued)

EMERGENCY BACKUP

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.

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

CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
KT-BPLED-EM-22/4-KIT	Emergency LED backup mounting bracket kit for LED high bay fixtures	843654128047	EIG-03



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

➤



(Accessories continued on next page)

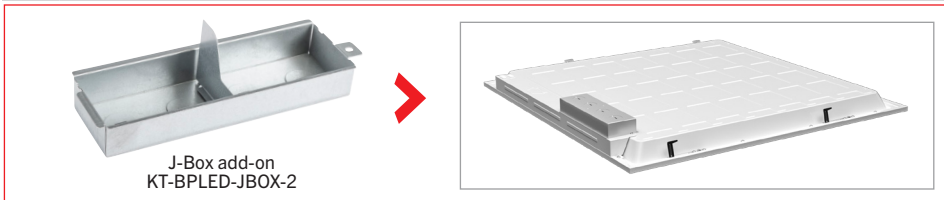
KT-BPLED20-22-8XX-VDIM-P
BACKLIT LED PANEL LIGHT

ACCESSORIES (continued)

MOUNTS AND BRACKETS

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

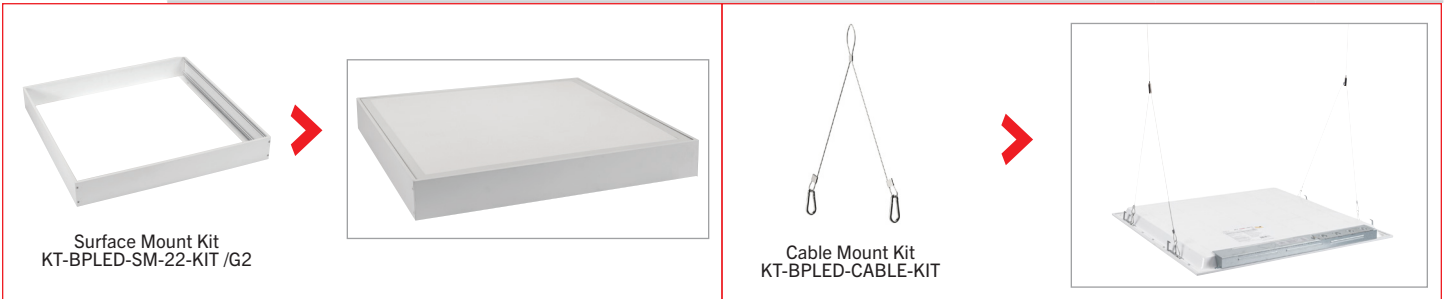
✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/JBOX	KT-BPLED-JBOX-1	Larger J-Box add-on for LED Backlit Panels	843654128092	MYW-25



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

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

CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
KT-BPLED-SM-22-KIT /G2	Surface Mount Kit 2x2 Backlit panels	843654134543	CGY-52
KT-BPLED-CABLE-KIT	Aircraft cable hanging kit for LED high bay fixtures	843654133423	JLB-77





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ORDERING INFORMATION

CATALOG NUMBER	CARTON QTY.	EASY CODE	UPC
KT-BPLED20-22-835-VDIM-P	2	QVC-73	843654127897
KT-BPLED20-22-840-VDIM-P	2	QDU-31	843654127903
KT-BPLED20-22-850-VDIM-P	2	IWL-55	843654127910

CATALOG NUMBER BREAKDOWN

KT-BPLED20-22-8XX-VDIM-P

1 2 3 4 5 6 7 8 9

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

9 Sensor Options

	No option
/FC1-PIR	Occupancy sensor included

ORDERING EXAMPLES

FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES*

KT-BPLED20-22-8XX-VDIM-P /FC1-PIR/L715P6/EM5/JBOX



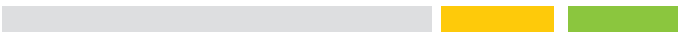
FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES*

KT-BPLED20-22-8XX-VDIM-P /FC1-PIR/EM5/JBOX



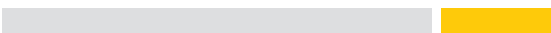
FIXTURE WITH TWO FACTORY-INSTALLED ACCESSORIES*

KT-BPLED20-22-8XX-VDIM-P /FC1-PIR/L715P6



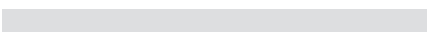
FIXTURE WITH SINGLE FACTORY-INSTALLED ACCESSORY

KT-BPLED20-22-8XX-VDIM-P /FC1-PIR



FIXTURE WITH NO FACTORY-INSTALLED ACCESSORIES

KT-BPLED20-22-8XX-VDIM-P



KEYSTONE FIXTURE

CATALOG NUMBER
KT-BPLED20-22-8XX-VDIM-p

SENSORS

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

CORD SETS

SUFFIX	CATALOG NUMBER
✓ /L715P6	KT-CS-L715P-6-16/3

EMERGENCY BACKUP

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

MOUNTS AND BRACKETS

SUFFIX	CATALOG NUMBER
✓ /JBOX	KT-BPLED-JBOX-1

* 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.