

KT-BPLEDXXPS-XXC-8CSA-VDIM-EM8

BACKLIT LED PANEL LIGHT WITH INTEGRATED EMERGENCY PACK

DESCRIPTION

LED Panel | 120-277V input | 0-10V dimming



**5 YEAR
WARRANTY**

PRODUCT FEATURES

- Features Keystone Color Select technology. Adjust CCT between 3500/4000/5000K
- Features Keystone Power Select technology. (see Performance Specifications for details)
- Extruded aluminum frame with precision laser welded corners and satin white powder coating
- 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
- UL Certified for Dry/Damp locations
- Powered by Keystone 0-10V dimmable LED driver with built-in junction box
- LED chip lifetime: L70 >100,000 hours @ 25°C/77°F ambient fixture temperature
- Over 50% energy savings compared to traditional fluorescent troffers
- Operating temp range -20°C/-4°F to 40°C/104°F
- IC Rated
- Complete, pre-wired emergency panel solution—including test button
- Built-in 8W LED Keystone SmartSafe Emergency Driver compliant with CEC T20
- Included expanded J-box for easy wiring

PERFORMANCE SPECIFICATIONS

Catalog Number	Nominal Size	Selectable Wattage	Selectable CCT	Lumens	Efficacy	Input Voltage	Dimmable	CRI
KT-BPLED35PS-22C-8CSA-VDIM-EM8	2' x 2'	35W	3500K	3950	113 lm/W	120-277V	0-10V	>80
			4000K	4200	120 lm/W			
			5000K	4000	114 lm/W			
		30W	3500K	3450	115 lm/W			
			4000K	3700	123 lm/W			
			5000K	3500	117 lm/W			
		20W	3500K	2400	120 lm/W			
			4000K	2600	130 lm/W			
			5000K	2450	123 lm/W			
KT-BPLED45PS-24C-8CSA-VDIM-EM8	2' x 4'	45W	3500K	5300	118 lm/W	120-277V	0-10V	>80
			4000K	5650	125 lm/W			
			5000K	5350	118 lm/W			
		35W	3500K	4200	120 lm/W			
			4000K	4550	130 lm/W			
			5000K	4235	121 lm/W			
		30W	3500K	3850	128 lm/W			
			4000K	4200	140 lm/W			
			5000K	3900	130 lm/W			

* Preset to (5000K)

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

INTEGRATED EMERGENCY TEST SWITCH

POWER BUTTON



LED INDICATOR

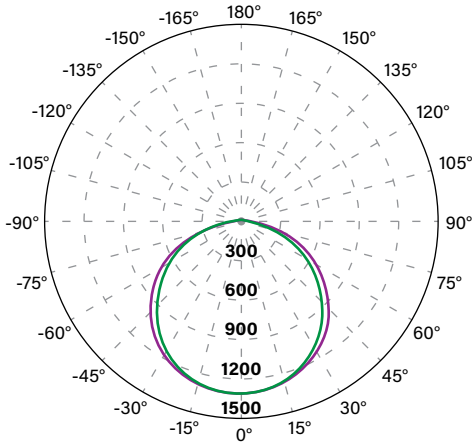
KT-BPLEDXXPS-XXC-8CSA-VDIM-EM8

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PHOTOMETRIC SPECIFICATIONS

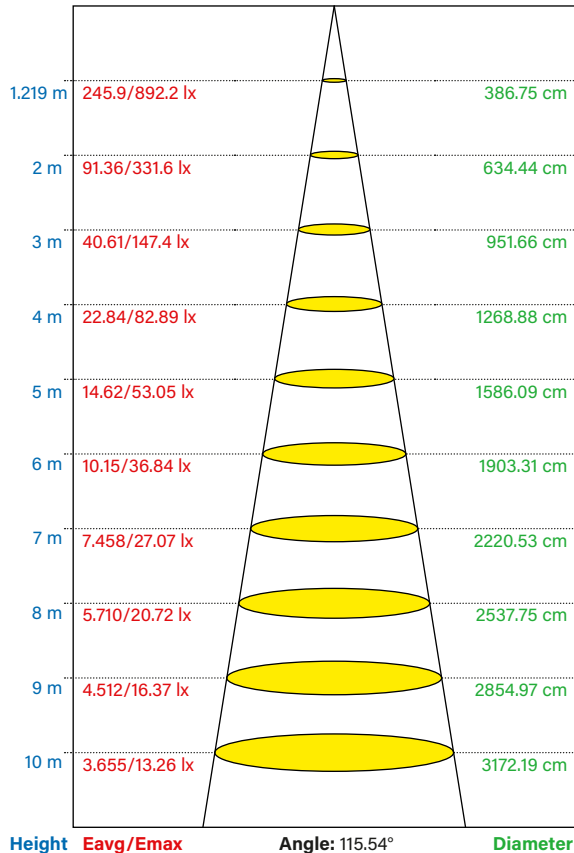
POLAR CANDELA DISTRIBUTION



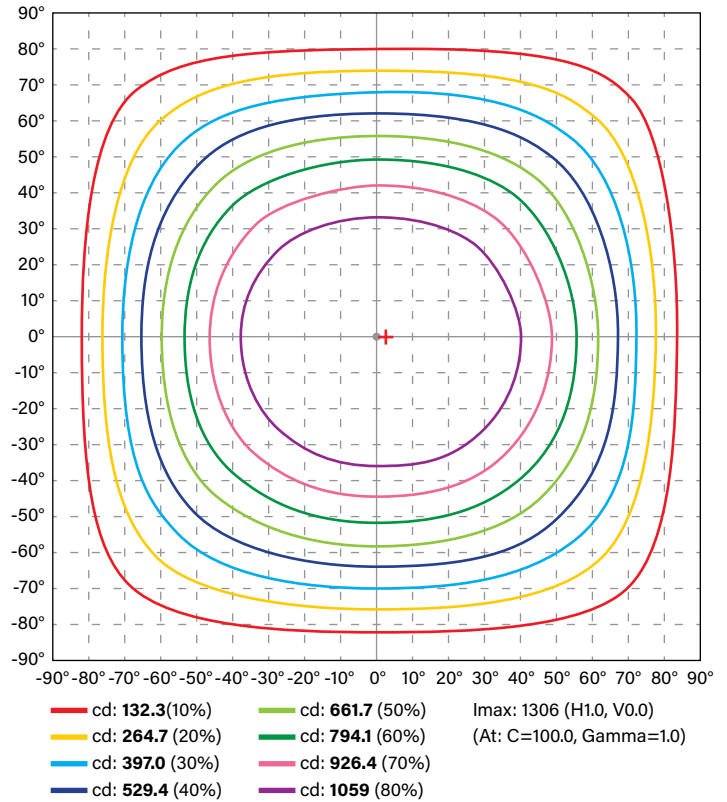
Average beam angle (50%): **117.8°** 1 Violet C0/180, 121.4
Unit: **cd** 2 Green C90/270, 114.2

FLUX CHART

Flux Out: 2940 lm



ISOCANDELA PLOT



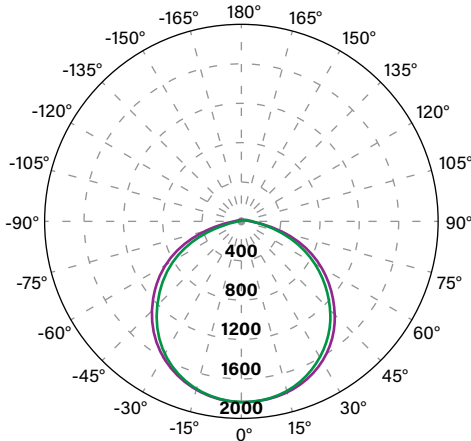
KT-BPLEDXXPS-XXC-8CSA-VDIM-EM8

BACKLIT LED PANEL LIGHT WITH INTEGRATED EMERGENCY PACK

KT-BPLED45PS-24C-8CSA-VDIM-EM8

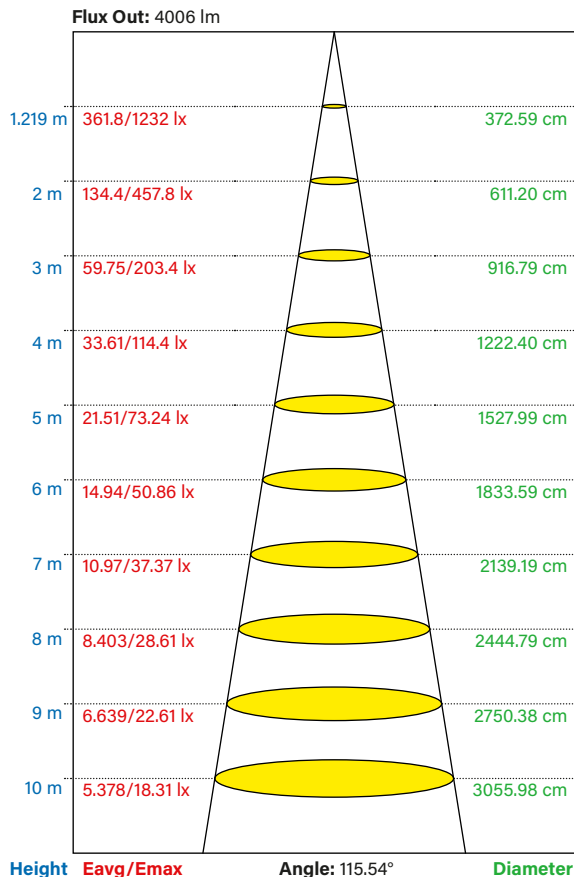
PHOTOMETRIC SPECIFICATIONS

POLAR CANDELA DISTRIBUTION

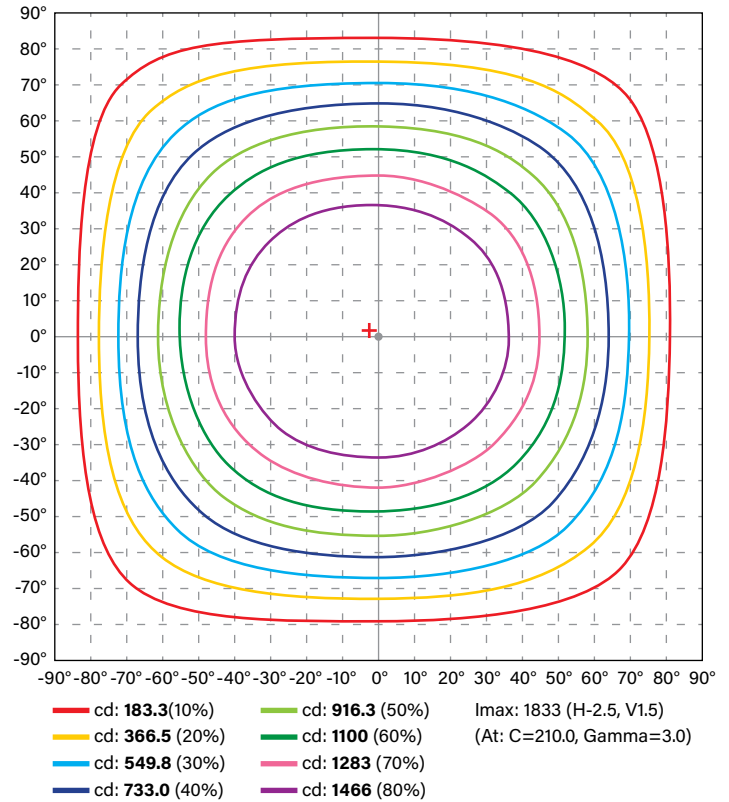


Average beam angle (50%): **116.5°** **1 Violet** C0/180, 119.4
Unit: **cd** **2 Green** C90/270, 113.6

FLUX CHART



ISOCANDELA PLOT

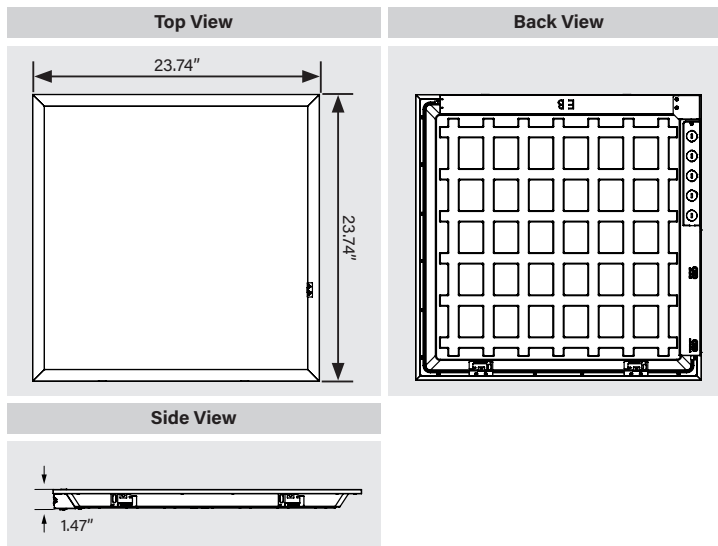


KT-BPLEDXXPS-XXC-8CSA-VDIM-EM8

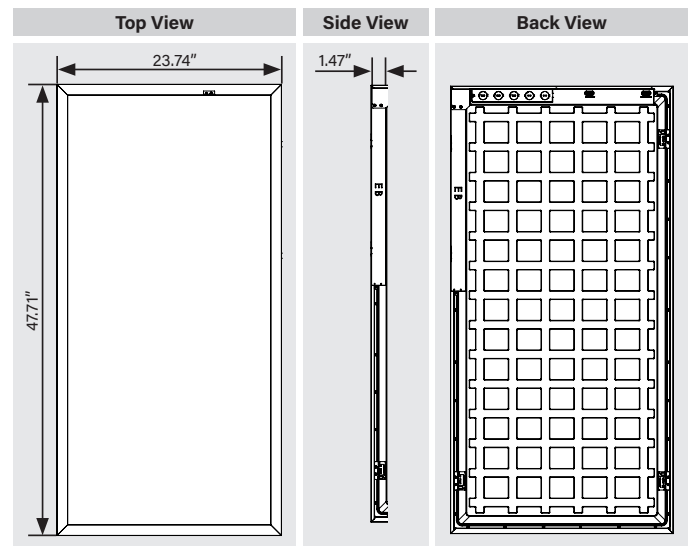
BACKLIT LED PANEL LIGHT WITH INTEGRATED EMERGENCY PACK

PHYSICAL SPECIFICATIONS

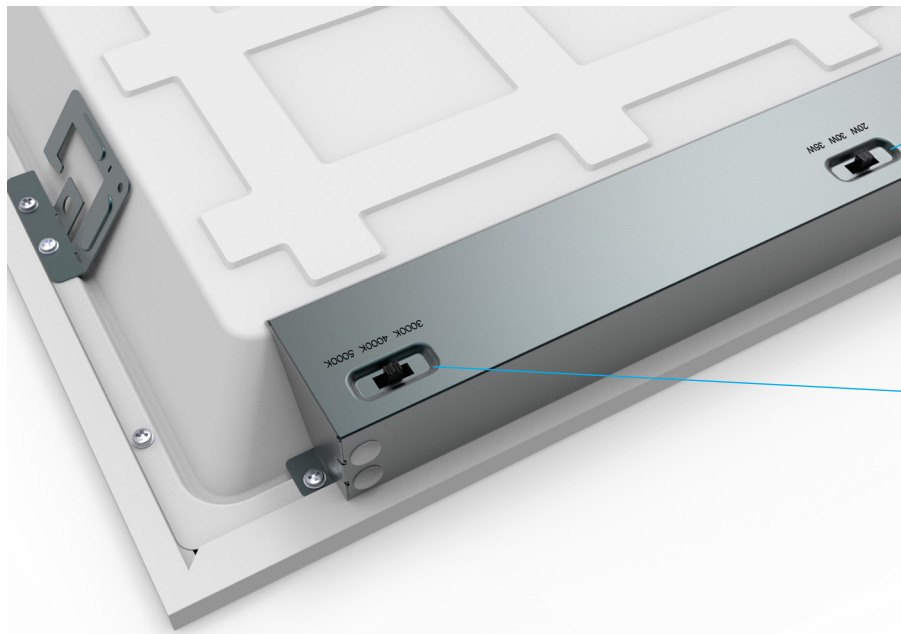
KT-BPLED35PS-22C-8CSA-VDIM-EM8



KT-BPLED45PS-24C-8CSA-VDIM-EM8



POWER SELECT AND COLOR TEMPERATURE SELECT CAPABILITY



KEYSTONE POWER SELECT TECHNOLOGY
Adjust power between 35W, 30W, or 20W

KEYSTONE COLOR SELECT TECHNOLOGY
Adjust CCT between 3000K, 4000K, or 5000K

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ACCESSORIES

SENSORS

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

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/FC1	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



Note: Keystone SmartLoop is a DLC Qualified Network Lighting Control solution, offering advanced functions such as complete wireless control, zoning, high-end trim, occupancy/vacancy sensing, scene setting, and scheduling. To learn more about SmartLoop, please visit <http://www.keystonetech.com/smartloop>.

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

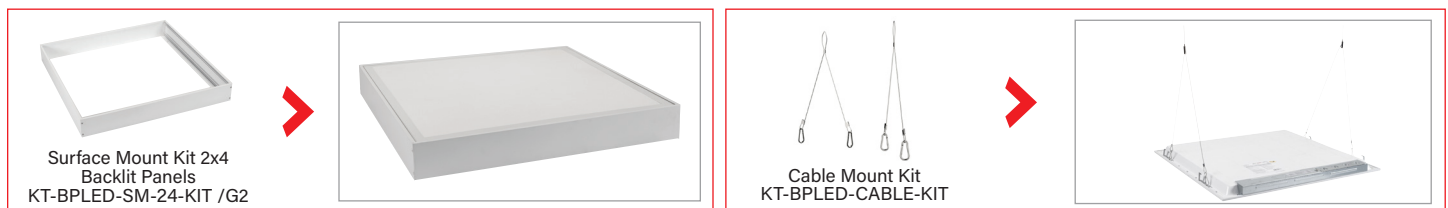
* For factory installation of accessory, add suffix to fixture part number (see ordering examples and instructions on last page of spec sheet).

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

MOUNTS AND BRACKETS

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

CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
KT-BPLED-SM-22-KIT /G2	Surface Mount Kit 2x4 Backlit panels	843654134536	MUZ-60
KT-BPLED-SM-24-KIT /G2	Surface Mount Kit 2x4 Backlit panels	843654134543	CGY-52
KT-BPLED-CABLE-KIT	Aircraft cable hanging kit for LED high bay fixtures	843654133423	JLB-77
KT-BPLED-JBOX-3	Larger Junction Box add-on for C style LED backlit panels	843654166940	KSS-95



(Accessories continued on next page)

Specifications subject to change. Last revised on 02.21.25