KT-BPLED40-24-8XX-VDIM-P

BACKLIT LED PANEL LIGHT

DESCRIPTION

2’x4’ LED panel light, 40W, 120-277V input, 0-10V dimming

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 -20ºC/-4ºF to 40ºC/104ºF

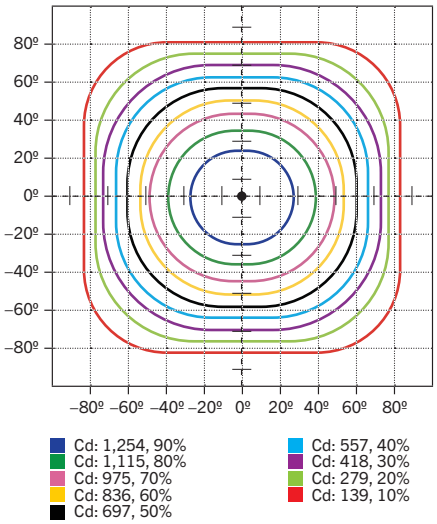
* For use in non-fire rated installations only

PERFORMANCE SPECIFICATIONS

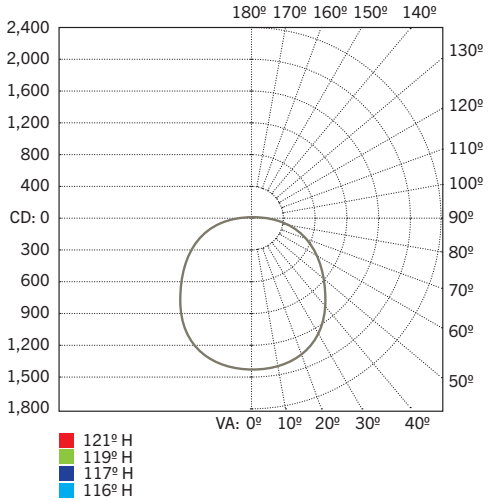
Catalog Number	Input Voltage	Wattage	Color Temperature	Lumen Output	CRI	Power Factor	Efficacy	Lifetime
KT-BPLED40-24-835-VDIM-P	120-277V	40W	3500K	5,000	>80	>0.9	125 lm/W	50,000 Hours
KT-BPLED40-24-840-VDIM-P	120-277V	40W	4000K	5,000	>80	>0.9	125 lm/W	50,000 Hours
KT-BPLED40-24-850-VDIM-P	120-277V	40W	5000K	5,000	>80	>0.9	125 lm/W	50,000 Hours

PHOTOMETRIC SPECIFICATIONS

ISOCANDELA PLOT



POLAR CANDELA DISTRIBUTION



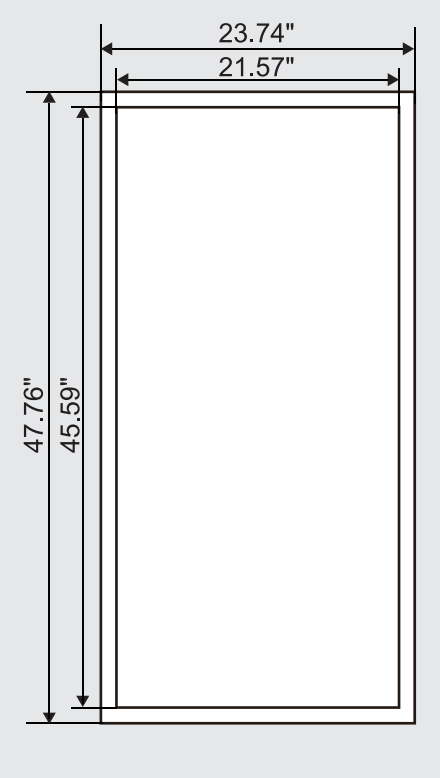
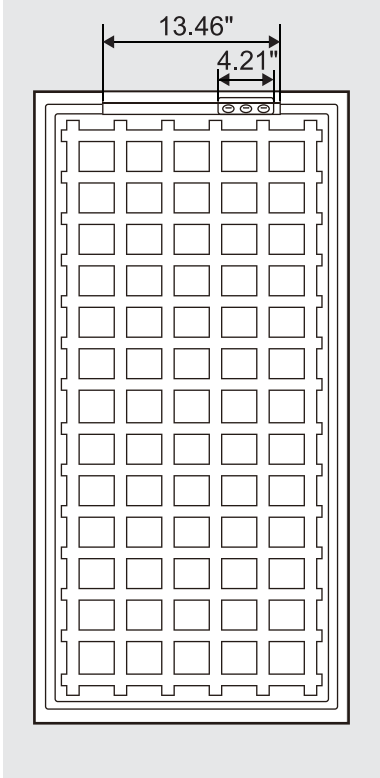
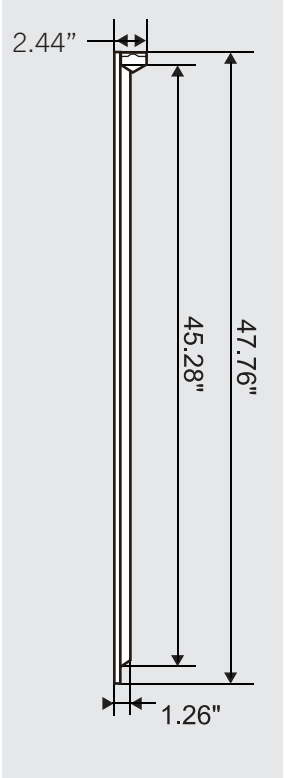
ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-60	3,272.1	76.4%
60-90	1,006.7	23.5%
0-90	4,278.8	99.9%
90-180	3.7	0.08%
0-180	4,282.4	100%

KT-BPLED40-24-8XX-VDIM-P

BACKLIT LED PANEL LIGHT

PHYSICAL SPECIFICATIONS

Top View	Back View	Side View
		

WEIGHT INFORMATION

1 Piece	1 Carton
11.5 lbs	23 lbs

WIRELESS CONTROL OPTIONS

Brand / System	Description	Ordering Number
Lutron Vive	FCJS-010 Wireless 0–10V fixture controller; 1A Max load; factory installed	KT-BPLED40-24-8XX-VDIM-P /FCJS0
Keystone Technologies	KTSL-FC1-UV-KO-PIR Wireless 0–10V fixture controller with PIR sensor	KT-BPLED40-24-8XX-VDIM-P /FC1-PIR

KT-BPLED40-24-8XX-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 emote 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; 125V 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; 125V 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-BPLED40-24-8XX-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-BPLED40-24-8XX-VDIM-P

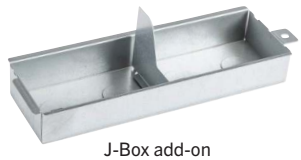
BACKLIT LED PANEL LIGHT

ACCESSORIES (continued)

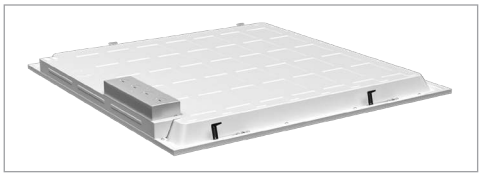
MOUNTS AND BRACKETS

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



J-Box add-on
KT-BPLED-JBOX-2



** 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-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

Surface Mount Kit
KT-BPLED-SM-24-KIT /G2

Cable Mount Kit
KT-BPLED-CABLE-KIT

KT-BPLED40-24-8XX-VDIM-P

BACKLIT LED PANEL LIGHT

ORDERING INFORMATION

CATALOG NUMBER	CARTON QTY.	EASY CODE	UPC	DLC PRODUCT ID
KT-BPLED40-24-835-VDIM-P	2	DKG-22	843654127989	PJBAR9PE
KT-BPLED40-24-840-VDIM-P	2	VNP-49	843654127996	P4C6KHYX
KT-BPLED40-24-850-VDIM-P	2	IQX-44	843654128009	PU0OPLNV

CATALOG NUMBER BREAKDOWN

KT-BPLED40-24-8XX-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 4' 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-BPLED40-24-8XX-VDIM-P /FC1-PIR/L715P6/EM5/JBOX

FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES*

KT-BPLED40-24-8XX-VDIM-P /FC1-PIR/EM5/JBOX

FIXTURE WITH TWO FACTORY-INSTALLED ACCESSORIES*

KT-BPLED40-24-8XX-VDIM-P /FC1-PIR/L715P6

FIXTURE WITH SINGLE FACTORY-INSTALLED ACCESSORY

KT-BPLED40-24-8XX-VDIM-P /FC1-PIR

FIXTURE WITH NO FACTORY-INSTALLED ACCESSORIES

KT-BPLED40-24-8XX-VDIM-P

KEYSTONE FIXTURE

CATALOG NUMBER
KT-BPLED40-24-8XX-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 then 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.*