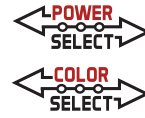




# XFit



## KT-BPLED40PS-22-8CSA-VDIM /G2

### BACKLIT LED PANEL LIGHT

#### DESCRIPTION

2'x2' LED panel light | 20, 30 and 40W | 120-277V input |  
0-10V dimming | Generation 2



**10 YEAR**  
LIMITED 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 troffers
- Over 50% energy savings compared to traditional fluorescent troffers
- Operating temp range -20°C/-4°F to 40°C/104°F
- LED chip lifetime: L70 >100,000 hours @ 25°C/77°F ambient fixture temperature

\* For use in non-fire rated installations only

#### PERFORMANCE SPECIFICATIONS

| Catalog Number                 | Input Voltage | Wattage | CCT   | Lumen Output | Efficacy | CRI | Power Factor | Lifetime     |
|--------------------------------|---------------|---------|-------|--------------|----------|-----|--------------|--------------|
| KT-BPLED40PS-22-8CSA-VDIM /G2* | 120-277V      | 40W     | 3500K | 4,400        | 110 lm/W | >80 | >0.9         | 50,000 Hours |
|                                |               |         | 4000K | 4,500        | 113 lm/W |     |              |              |
|                                |               |         | 5000K | 4,450        | 111 lm/W |     |              |              |
|                                |               | 30W     | 3500K | 3,400        | 111 lm/W |     |              |              |
|                                |               |         | 4000K | 3,500        | 117 lm/W |     |              |              |
|                                |               |         | 5000K | 3,450        | 115 lm/W |     |              |              |
|                                |               | 20W     | 3500K | 2,400        | 111 lm/W |     |              |              |
|                                |               |         | 4000K | 2,500        | 125 lm/W |     |              |              |
|                                |               |         | 5000K | 2,450        | 123 lm/W |     |              |              |

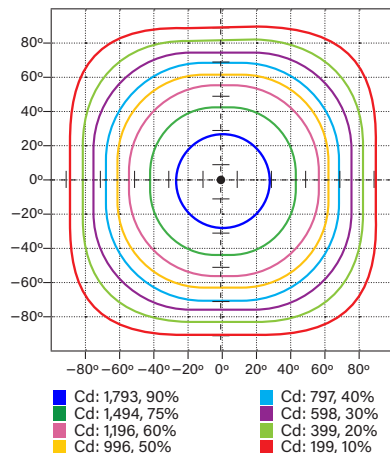
#### ONE CATALOG NUMBER WITH 9 DIFFERENT OPTIONS

\* Preset to highest lumen output (40W / 5000K)

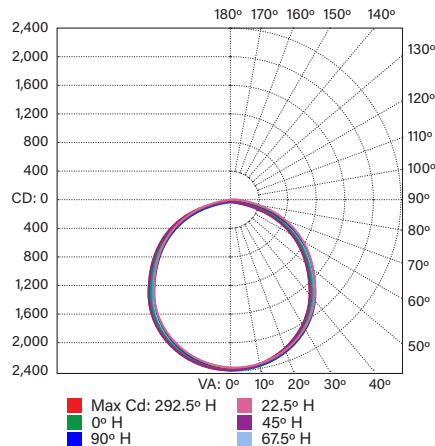
\* Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017.

#### PHOTOMETRIC SPECIFICATIONS

##### ISOCANDELA PLOT

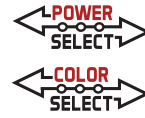


##### POLAR CANDELA DISTRIBUTION



##### ZONAL LUMEN SUMMARY

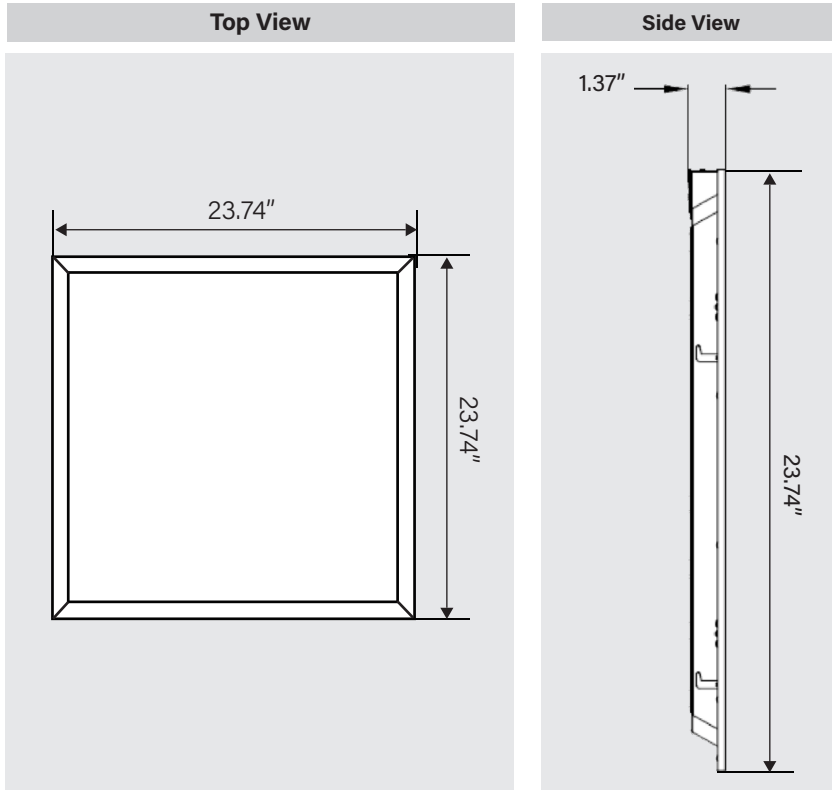
| Zone   | Lumens  | % Luminaire |
|--------|---------|-------------|
| 0-60   | 3,252.2 | 78.4%       |
| 60-90  | 891.5   | 21.5%       |
| 0-90   | 4,143.7 | 99.9%       |
| 90-180 | 3.9     | 0.1%        |
| 0-180  | 4,147.6 | 100%        |



# KT-BPLED40PS-22-8CSA-VDIM /G2

## BACKLIT LED PANEL LIGHT

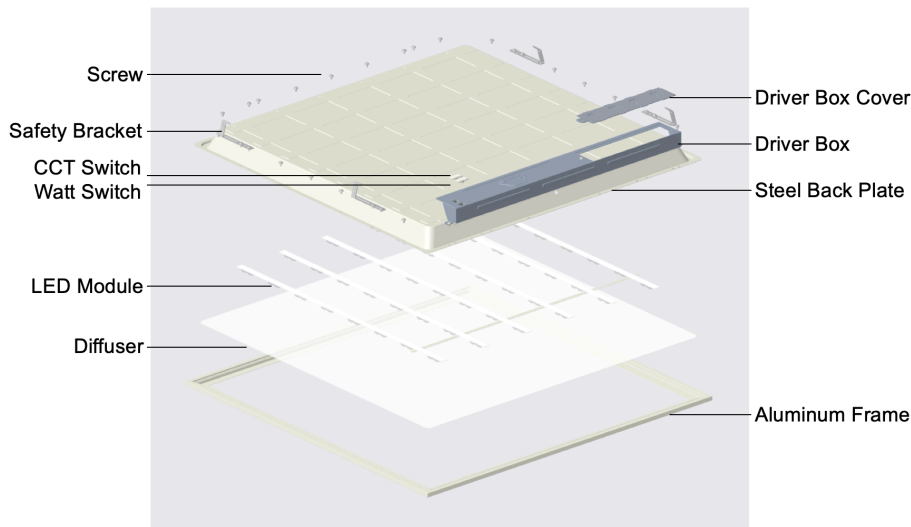
### PHYSICAL SPECIFICATIONS



### WEIGHT INFORMATION

| 1 Piece | 1 Carton |
|---------|----------|
| 6.2 lbs | 12.4 lbs |

### EXPLODED VIEW



# KT-BPLED40PS-22-8CSA-VDIM /G2

## 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)

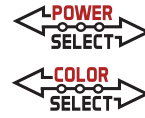
| ✓ | SUFFIX* | CATALOG NUMBER     | DESCRIPTION                                                                            | UPC          | EASY CODE |
|---|---------|--------------------|----------------------------------------------------------------------------------------|--------------|-----------|
|   | /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    |
|   | /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    |

\* 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 sample units only. Not for permanent install.

(Accessories continued on next page)



# KT-BPLED40PS-22-8CSA-VDIM /G2

## 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 <sup>†</sup>  | KT-EMRG-LED-5C-500-EN /DF** | 5W, 500 lumen Smart Safe emergency backup with dual flex cables   | 843654132433 | RAR-74    |
|   | /EM12 <sup>†</sup> | 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).

\*\* KT-BPLED40PS-22-8CSA-VDIM /G2/EM5 Available for Quick Ship

<sup>†</sup> 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-BPLED40PS-22-8CSA-VDIM /G2

## BACKLIT LED PANEL LIGHT

### ACCESSORIES (continued)

#### MOUNTS/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-BPLED40PS-22-8CSA-VDIM /G2

## BACKLIT LED PANEL LIGHT

### ORDERING INFORMATION

| CATALOG NUMBER                | CARTON QTY. | UPC          | EASY CODE | DLC PRODUCT ID |
|-------------------------------|-------------|--------------|-----------|----------------|
| KT-BPLED40PS-22-8CSA-VDIM /G2 | 2           | 843654127866 | OYB-58    | PKX4ZDPD       |

### ORDERING INFORMATION - QUICK SHIP PRODUCTION ITEMS

| CATALOG NUMBER                    | CARTON QTY. | UPC          | EASY CODE |
|-----------------------------------|-------------|--------------|-----------|
| KT-BPLED40PS-22-8CSA-VDIM /G2/EM5 | 2           | 843654149301 | KWA-80    |

### CATALOG NUMBER BREAKDOWN

## KT-BPLED40PS-22-8CSA-VDIM /G2

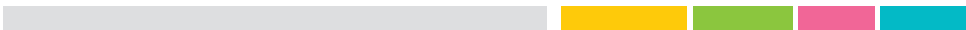
|   |   |   |   |   |   |   |   |   |    |
|---|---|---|---|---|---|---|---|---|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|----|

- 1 Keystone Technologies
- 2 Backlit Panel Light LED Fixture
- 3 Wattage
- 4 Power Select
- 5 2' x 2' Nominal Size
- 6 800 Series
- 7 Color Select
- 8 3500, 4000, or 5000K Color Temperature
- 9 0-10V Dimming
- 10 Generation 2

### ORDERING EXAMPLES

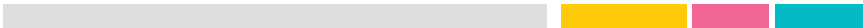
#### FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES\*

KT-BPLED40PS-22-8CSA-VDIM /G2 /FC1-PIR/MC63/EM5/JBOX



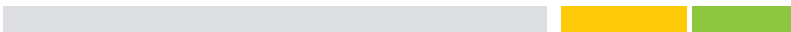
#### FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES\*

KT-BPLED40PS-22-8CSA-VDIM /G2 /FC1-PIR/EM5/JBOX



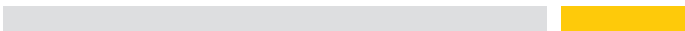
#### FIXTURE WITH TWO FACTORY-INSTALLED ACCESSORIES\*

KT-BPLED40PS-22-8CSA-VDIM /G2 /FC1-PIR/MC63



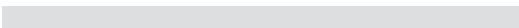
#### FIXTURE WITH SINGLE FACTORY-INSTALLED ACCESSORY

KT-BPLED40PS-22-8CSA-VDIM /G2 /FC1-PIR



#### FIXTURE WITH NO FACTORY-INSTALLED ACCESSORIES

KT-BPLED40PS-22-8CSA-VDIM /G2



\* 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.

#### KEYSTONE FIXTURE

| CATALOG NUMBER                |
|-------------------------------|
| KT-BPLED40PS-22-8CSA-VDIM /G2 |

#### SENSORS

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

#### CORD SETS

| SUFFIX  | CATALOG NUMBER  |
|---------|-----------------|
| ✓ /MC63 | KT-MC-NP-6-18/3 |

#### EMERGENCY BACKUP

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

#### MOUNTS AND BRACKETS

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