

## KT-WPLED120PS-L4-8CSB-VDIM

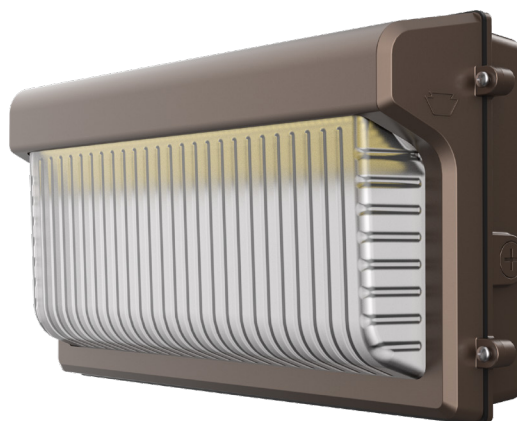
### SLIM 120W LED WALL PACK

#### DESCRIPTION

Slim Non Cutoff LED Wall Pack | Power Select | Color Select | 120-277V Input | Large Housing | Bronze Finish | Glass Lens

#### APPLICATION

Building mount for exterior illumination (perimeters, pathways, loading docks, and other general security lighting requirements)



**10 YEAR**  
LIMITED WARRANTY

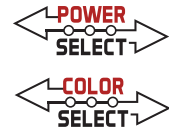
#### PRODUCT FEATURES

- Keystone Power Select technology (120/100/80W)
- Keystone Color Select technology (3000/4000/5000K)
- Slim, low profile design that matches footprint and distribution of legacy HID wall packs. Optimized for one-for-one replacements
- Heavy duty die cast aluminum housing with (5) 1/2" threaded conduit hubs: (1) on back and (1) on all four sides
- Powered by Keystone 0-10V dimming LED drivers
- Built-in dusk-to-dawn photocell behind translucent 3/4" threaded plug with anti-yellowing agent
- Borosilicate glass lens diffuses light source and provides uniform distribution
- Covers footprint of mid-size HID wallpacks
- Ambient operating temperature: -40°C/-40°F to 50°C/122°F
- UL Certified for wet locations; IP65 rated
- Fixture impact rating IK06
- Power Factor: >0.95
- THD: <20%
- LED chip lifetime: L70 >100,000 hrs @ 25°C/77°F ambient fixture temperature
- Meets FCC Part 15, Part B, Class A standards for conducted and radiated emissions
- TAA options available, see Ordering Information below for details

#### PRODUCT SPECIFICATIONS

| Catalog Number             | Wattage | CCT   | Lumens | Efficacy | Input Voltage | Dimming | CRI | Photocell | Housing Color | Legacy Equivalent |
|----------------------------|---------|-------|--------|----------|---------------|---------|-----|-----------|---------------|-------------------|
| KT-WPLED120PS-L4-8CSB-VDIM | 120W    | 3000K | 17040  | 142 lm/W | 120-277V      | 0-10V   | >80 | Included  | Bronze        | 400W MH           |
|                            |         | 4000K | 17640  | 147 lm/W |               |         |     |           |               |                   |
|                            |         | 5000K | 16920  | 141 lm/W |               |         |     |           |               |                   |
|                            | 100W    | 3000K | 13900  | 139 lm/W |               |         |     |           |               |                   |
|                            |         | 4000K | 14300  | 143 lm/W |               |         |     |           |               |                   |
|                            |         | 5000K | 13900  | 139 lm/W |               |         |     |           |               |                   |
|                            | 80W     | 3000K | 11280  | 141 lm/W |               |         |     |           |               |                   |
|                            |         | 4000K | 11520  | 144 lm/W |               |         |     |           |               |                   |
|                            |         | 5000K | 11440  | 143 lm/W |               |         |     |           |               |                   |

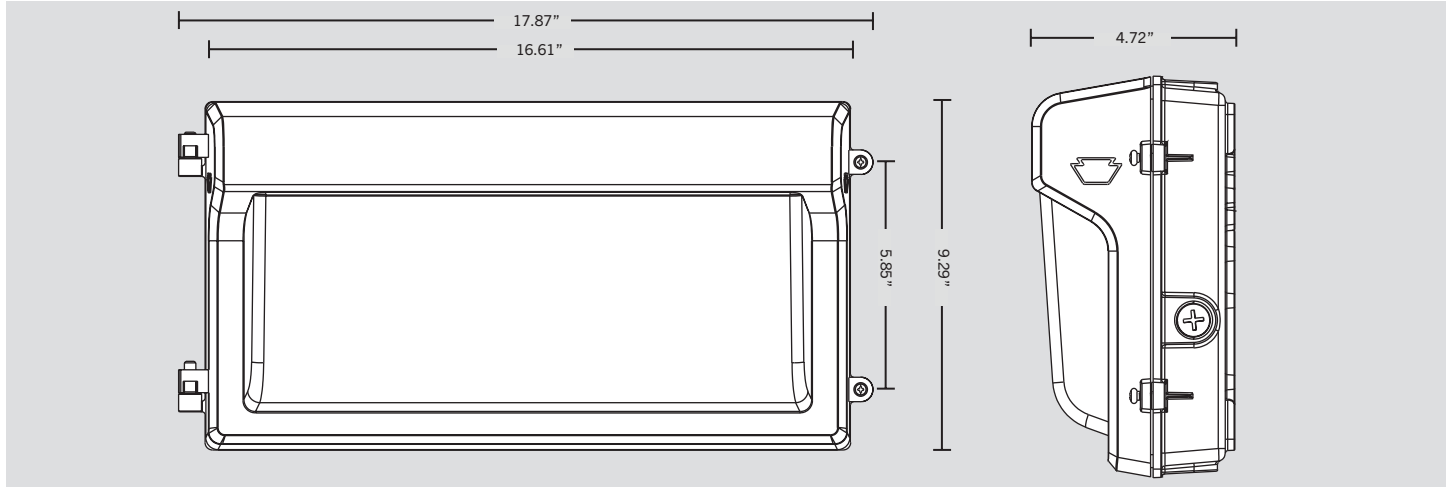
\* Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017



# KT-WPLED120PS-L4-8CSB-VDIM

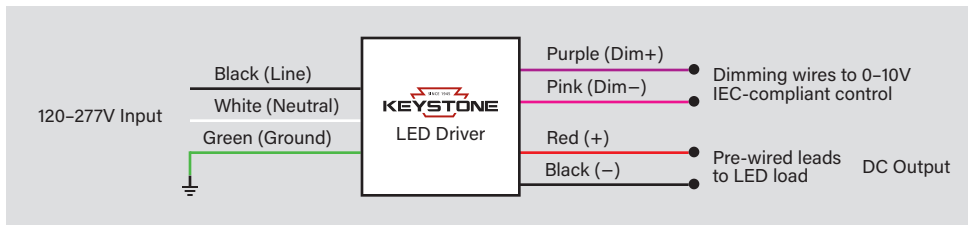
## SLIM 120W LED WALL PACK

### PHYSICAL SPECIFICATIONS



### GENERAL SETUP INSTRUCTIONS

#### GENERAL WIRING DIAGRAM



**Caution:** Before installing, make certain that AC power to the fixture is off.

**Caution:** The electrical rating of this product is 120-277V. Installer must confirm that there is 120-277V at the fixture before installation.

#### PHOTOCELL ENABLE / DISABLE

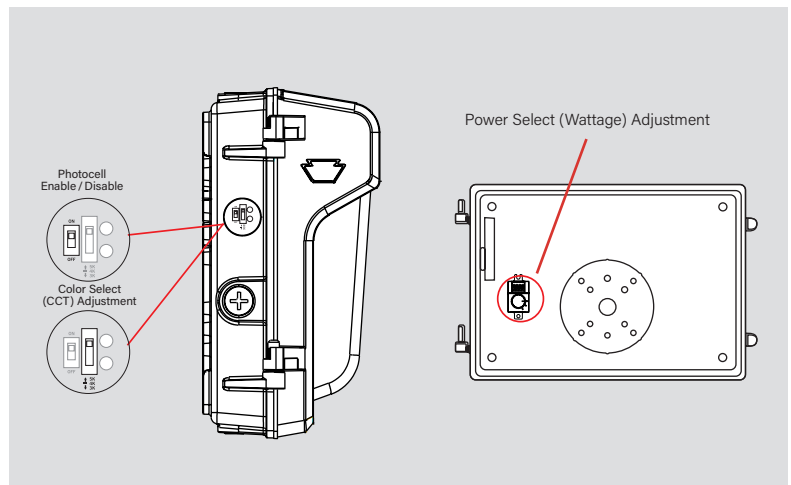
This fixture is equipped with a dusk-to-dawn photocell behind the translucent knock-out (KO) cover. Adjust the dip switch to enable (ON) or disable (OFF) the photocell function (see illustrations to the right). Fixture comes pre-set with photocell enabled unless otherwise noted.

#### COLOR SELECT (CCT) ADJUSTMENT

This fixture is equipped with Color Select technology. There is an adjustable dip switch behind the translucent knock-out (KO) cover to change CCT between 5000K, 4000K, and 3000K (see illustrations to the right). Fixture comes preset at 5000K unless otherwise noted.

#### POWER SELECT (WATTAGE) ADJUSTMENT

The Power Select dial for this fixture is located inside of the housing. To access the dial, open the fixture face (see below instructions for reference). This wall pack is selectable between 3 wattage options, and is preset to the highest option. Please see chart below for details.

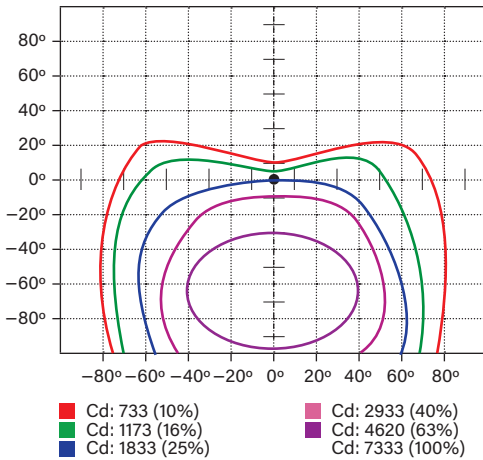


# KT-WPLED120PS-L4-8CSB-VDIM

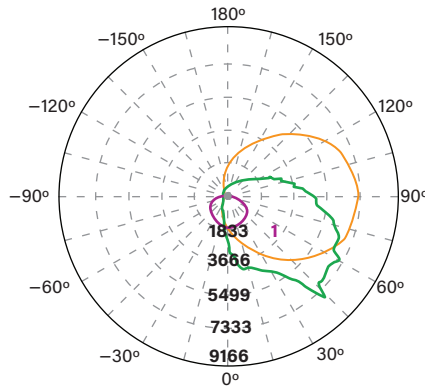
## SLIM 120W LED WALL PACK

### PHOTOMETRIC SPECIFICATIONS

#### ISOCANDELA PLOT



#### LUMINOUS INTENSITY DISTRIBUTION



Average diffuse angle (50%): 121.5°

1 Violet C0 - C180  
2 Green C90 - C270  
3 Orange G44

Unit: cd

#### FLUX DISTRIBUTION

| Zone                 | Lumens    | % Luminaire |
|----------------------|-----------|-------------|
| <b>Forward Light</b> | 12,129 lm | 75.2%       |
| 0°-30°               | 1,378 lm  | 8.5%        |
| 30°-60°              | 5,094 lm  | 31.6%       |
| 60°-80°              | 4,060 lm  | 25.2%       |
| 80°-90°              | 1,597 lm  | 9.9%        |
| <b>Back Light</b>    | 979 lm    | 6.1%        |
| 0°-30°               | 382 lm    | 2.4%        |
| 30°-60°              | 381 lm    | 2.4%        |
| 60°-80°              | 173 lm    | 1.1%        |
| 80°-90°              | 43 lm     | 0.3%        |
| <b>Up Light</b>      | 3,022 lm  | 18.7%       |
| 90°-100°             | 1,131 lm  | 7.0%        |
| 100°-180°            | 1,891 lm  | 11.7%       |

#### BUG\* Rating

##### Asymmetrical Luminaire Types

Type I, II, III, IV B1 U5 G5

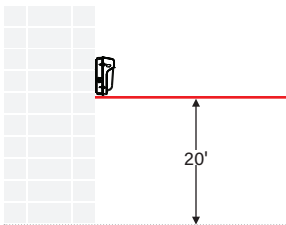
##### Quadrilateral Symmetrical Luminaire Types

Type V, Area Light B1 U5 G5

\* Backlight, Uplight, Glare

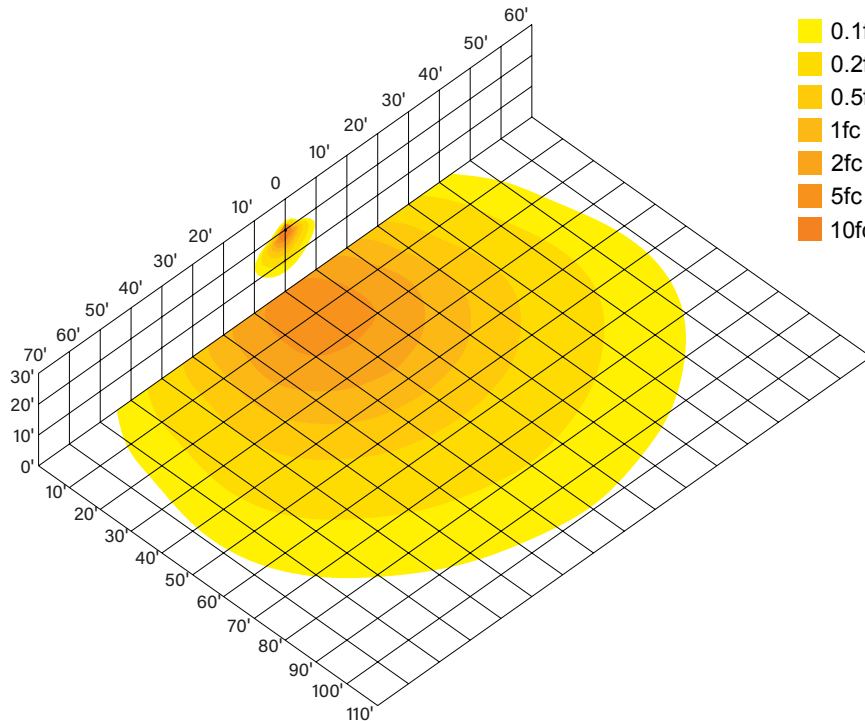
#### MOUNTING

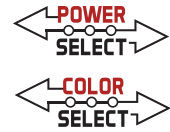
Side view



#### LIGHT DISTRIBUTION PATTERN

Isometric view from above; Luminaire mounted at 20'





# KT-WPLED120PS-L4-8CSB-VDIM

## SLIM 120W LED WALL PACK

### ACCESSORIES

#### SENSORS

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

| ✓ | SUFFIX* | CATALOG NUMBER   | DESCRIPTION                                                                                                                                                                                             | UPC          | EASY CODE |
|---|---------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|
|   | /MW3    | KTS-MW3-UV-KO-K1 | Microwave Sensor Kit, Includes 120-277V input to 12V DC convertor & 12V input sensor head, IP65. Bi-Level Control with Adjustable Hold Time, Dim Level and Standby Time. Installs via standard 1/2in KO | 843654134147 | BKG-51    |



Microwave Sensor Kit  
KTS-MW3-UV-KO-K1

\* 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    |
|   | /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    |



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.

#### SURGE PROTECTORS

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

| ✓ | SUFFIX* | CATALOG NUMBER | DESCRIPTION                                                                                                 | UPC          | EASY CODE |
|---|---------|----------------|-------------------------------------------------------------------------------------------------------------|--------------|-----------|
|   | /10KV   | KTSP-10KV-C    | External Surge Protector, compact design. Parallel Wiring, 120-277V Input, Max Peak Protection (10KV, 10KA) | 843654129204 | BUU-26    |



External Surge Protector  
KTSP-10KV-C

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

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# KT-WPLED120PS-L4-8CSB-VDIM

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### ORDERING INFORMATION

| CATALOG NUMBER                  | PACK QTY. | UPC          | EASY CODE | DLC PRODUCT ID |
|---------------------------------|-----------|--------------|-----------|----------------|
| KT-WPLED120PS-L4-8CSB-VDIM      | 1         | 843654155555 | XCB-90    | TBD            |
| KT-WPLED120PS-L4-8CSB-VDIM /TAA | 1         | 843654158761 | HUL-17    |                |

### CATALOG NUMBER BREAKDOWN

# KT-WPLED120PS-L4-8CSB-VDIM

|   |   |   |   |   |   |   |   |   |    |    |    |
|---|---|---|---|---|---|---|---|---|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|----|----|----|

1 Keystone Technologies

2 Fixture Type

3 LED Lamp

4 Max Wattage

5 Power Select

6 Size

7 Style

8 Color Temperature

9 Color Select Designation

10 Dimming

11 Additional Options (see below for details)

12 TAA Compliant

2 Fixture Type

|    |           |
|----|-----------|
| WP | Wall Pack |
|----|-----------|

8 CRI

|   |     |
|---|-----|
| 8 | >80 |
|---|-----|

10 Dimming

|      |       |
|------|-------|
| VDIM | 0-10V |
|------|-------|

6 Size

|   |       |
|---|-------|
| L | Large |
|---|-------|

7 Style

|   |                   |
|---|-------------------|
| 4 | Slim, Low Profile |
|---|-------------------|

9 Color Select Designation

|   |                 |
|---|-----------------|
| B | 3000/4000/5000K |
|---|-----------------|

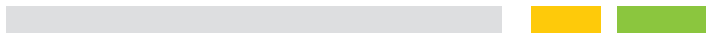
12 TAA Compliant

|      |                |
|------|----------------|
| /TAA | Made in Mexico |
|------|----------------|

### ORDERING EXAMPLES

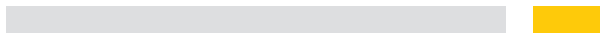
FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES\*

KT-WPLED120PS-L4-8CSB-VDIM /MW3/515P6



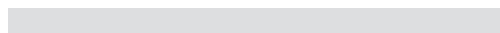
FIXTURE WITH SINGLE FACTORY-INSTALLED ACCESSORY

KT-WPLED120PS-L4-8CSB-VDIM /MW3



FIXTURE WITH NO FACTORY-INSTALLED ACCESSORIES

KT-WPLED120PS-L4-8CSB-VDIM



\*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-WPLED35-M1-8CSB-VDIM |

#### SENSORS

| SUFFIX | CATALOG NUMBER   |
|--------|------------------|
| ✓ /MW3 | KTS-MW3-UV-KO-K1 |

#### CORD SETS

| SUFFIX   | CATALOG NUMBER    |
|----------|-------------------|
| ✓ /515P6 | KT-CS-515P-6-18/3 |