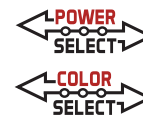




# XFIT



## KT-SWLED45PS-4A-8CSA-VDIM-P

### LED STAIRWELL FIXTURE

#### DESCRIPTION

4' LED Stairwell Fixture | 120-277V Input | Frosted Lens |  
0-10V Dimming | Premium Series

#### APPLICATION

Used in commercial and retail applications. Ideal for use in stairwells, corridors, and hallways.



**10 YEAR**  
LIMITED WARRANTY

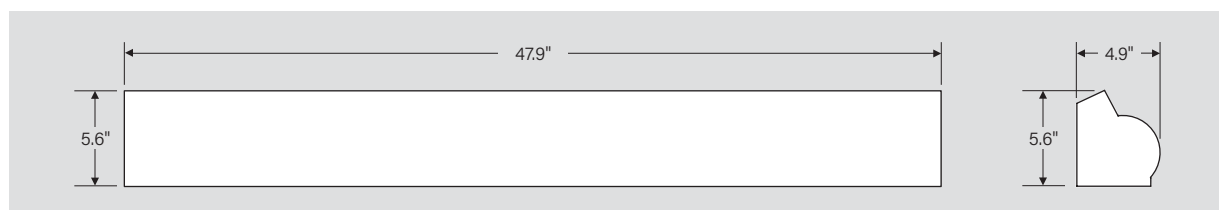
#### PRODUCT FEATURES

- Features Keystone Power Select technology (45/35/30W). Adjust power between 45/35/30W, changing lumen output to set high end trim.
- Features Keystone Color Select technology (3500/4000/5000K)
- Powered by Keystone 0-10V dimming LED drivers, dimmable to 10%
- Post-painted steel body; PMMA lens
- Smooth, diffused lens for an even appearance
- UL Listed 1598: Suitable for damp locations
- Ambient operating temperature: -20°C/-4°F to 50°C/122°F
- Compatible with Keystone SmartSafe emergency LED drivers: KT-EMRG-LED-5C-500 or KT-EMRG-LED-12C-1200 are optimal for fixture level installation
- Includes integrated ultrasonic dimming occupancy sensor
- LED lifetime: L70 >100,000 hours @ 25°C ambient fixture temperature
- THD: <20%
- Power factor: >0.95

#### PRODUCT SPECIFICATIONS

Catalog Number	Input Voltage	Wattage	CCT	Lumen Output	Efficacy	CRI	Dimming	Lifetime
KT-SWLED45PS-4A-8CSA-VDIM-P	120-277V	45W	3500K	5,350	119 lm/W	> 80	0-10V Dim-to-Off	50,000 hrs
			4000K	5,450	121 lm/W			
			5000K	5,400	120 lm/W			
		35W	3500K	4,150	119 lm/W			
			4000K	4,250	121 lm/W			
			5000K	4,200	120 lm/W			
		30W	3500K	3,550	119 lm/W			
			4000K	3,650	121 lm/W			
			5000K	3,600	120 lm/W			

#### PHYSICAL SPECIFICATIONS





# KT-SWLED45PS-4A-8CSA-VDIM-P

## LED STAIRWELL FIXTURE

### SENSOR INFORMATION

**Bi-level Dimming:** 0–10V dimmer connects to 0–10V control on the LED driver. When motion is detected the sensor will bring lighting up to 100% lumen output. When no motion is detected for the length of selected Time Delay, the sensor will send a signal to dim lighting to a specific level set by the end-user.

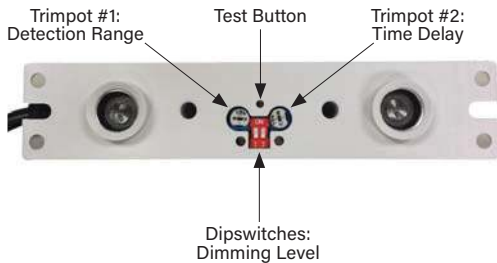
**Test Mode:** Test Mode sets the time delay to five seconds and runs for 5 minutes. LED flashes 2 times to indicate Test Mode started. After 5 minutes (or push the Test Mode button again), LED flashes 3 times, the sensor returns to the selected time delay. During test mode, full output when triggered, and dimming level reflects the dip switch setting.

**Relay Control:** Two additional High and Low motion outputs can be used to control relays or other control circuitry.

<b>Sensor Type</b>	Ultrasonic occupancy sensor
<b>Input Voltage   Current Consumption</b>	12–24VDC   45mA sensor
<b>0-10V Output</b>	100mA, up to 50 LED sink drivers
<b>High</b>	Vin–2.5V 100mA source
<b>Low</b>	100mA sink current
<b>Mounting Height</b>	Fixture wall mount or ceiling mount at 8–12' (2.4–3.7m) height
<b>[Low/Med/High] Max Range* (Wall-Mounted)</b>	13' (4.0m) / 18' (5.5m) / 35' (10.7m)
<b>Time Delays (TD1)</b>	1 min, 5 min, 20 min
<b>Operating Temperature</b>	–30°C/–22°F to 70°C/158°F
<b>Storage Temperature</b>	–40°C/–40°F to 80°C/176°F
<b>Relative Humidity</b>	90–95% non-condensing at 30°C/86°F
<b>Color</b>	White
<b>Warranty</b>	5 years

*\*Results may vary based on mounting height, angle, floor material, and line-of-sight.*

### SETTINGS ADJUSTMENTS

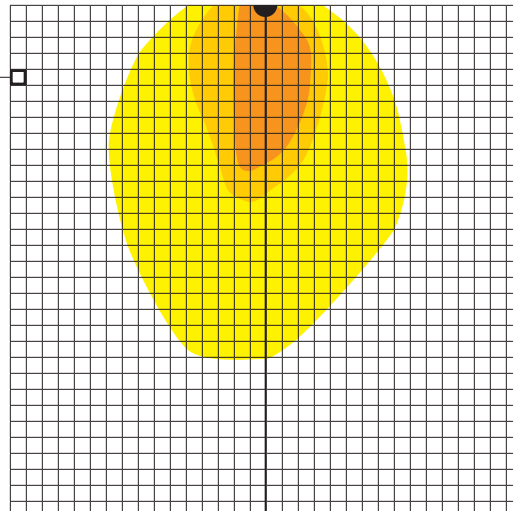


Dipswitch 1	Dipswitch 2	DIM Level
OFF	OFF	OFF
OFF	ON	10%
ON	OFF	25%
ON	ON	50%

### LIGHTING COVERAGE AND DISTRIBUTION PATTERN

- Photometric layout for general reference only
- Stairwell fixture wall-mounted at 7.9 ft
- Aerial view
- Grid dimension: 1.64 sq ft (0.5 sq m)

- High Coverage
- Medium Coverage
- Low Coverage

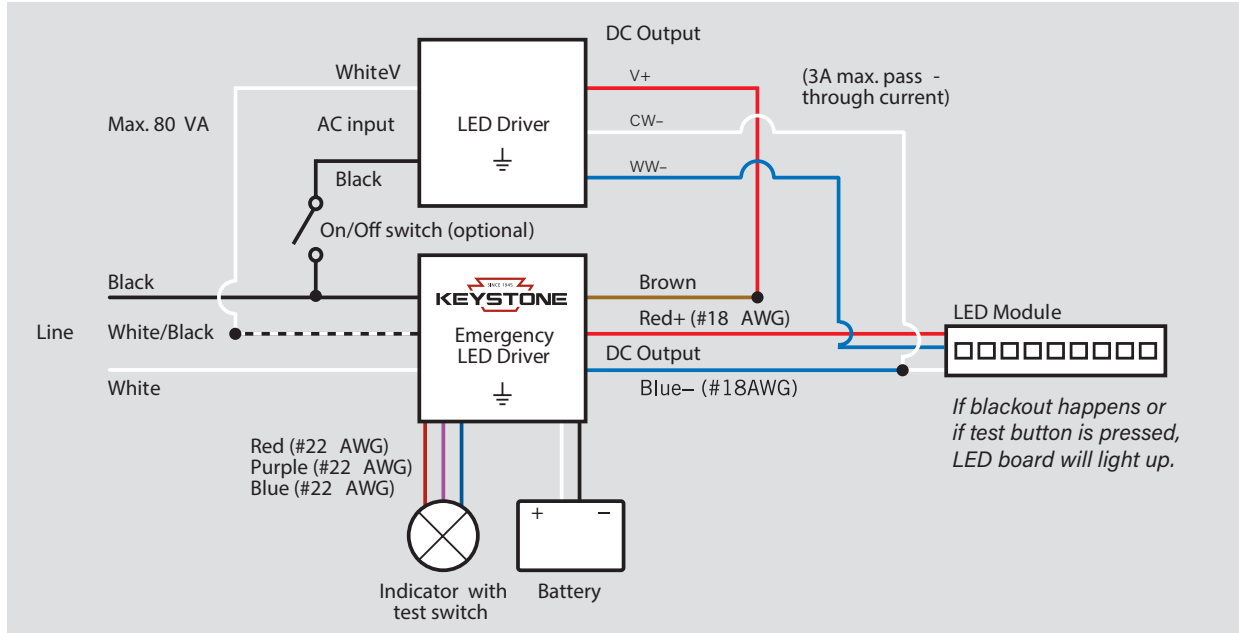




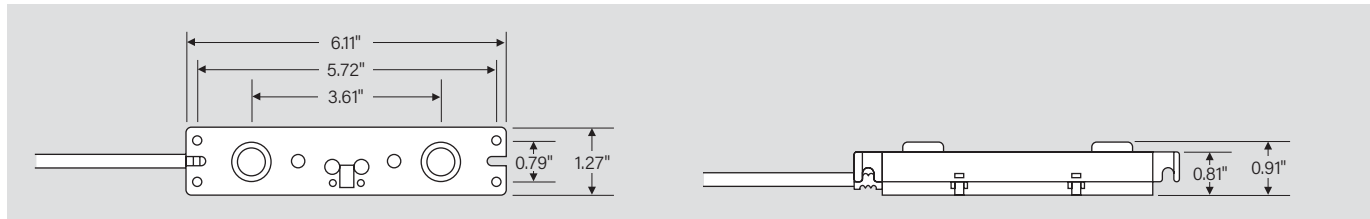
# KT-SWLED45PS-4A-8CSA-VDIM-P

## LED STAIRWELL FIXTURE

### EMERGENCY PACK WIRING DIAGRAM



### SENSOR SPECIFICATIONS





# KT-SWLED45PS-4A-8CSA-VDIM-P

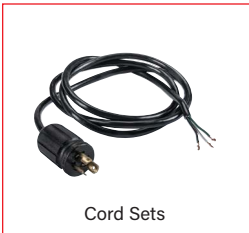
## LED STAIRWELL FIXTURE

### ACCESSORIES

#### 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
	/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



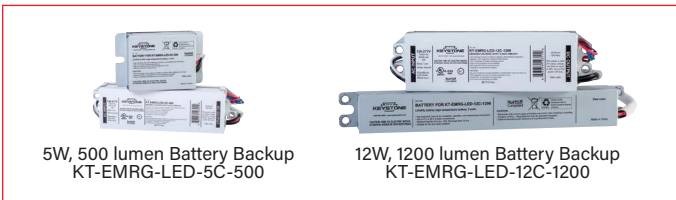
Cord Sets

\* 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.

#### EMERGENCY BACKUP

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

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/EM5†	KT-EMRG-LED-5C-500	5W, 500 lumen Smart Safe emergency backup, CEC T20 Compliant	843654103099	JTR-48
	/EM12†	KT-EMRG-LED-12C-1200	12W, 1200 lumen Smart Safe emergency backup, CEC T20 Compliant	843654103112	OJQ-32



5W, 500 lumen Battery Backup  
KT-EMRG-LED-5C-500

12W, 1200 lumen Battery Backup  
KT-EMRG-LED-12C-1200

\* 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.

(Accessories continued on next page)



# KT-SWLED45PS-4A-8CSA-VDIM-P

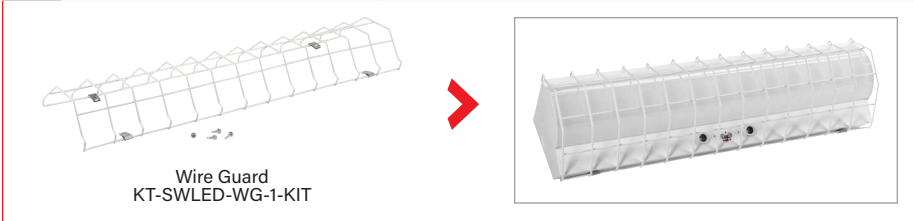
## LED STAIRWELL FIXTURE

**ACCESSORIES (continued)**

**MOUNTS AND BRACKETS**

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

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/WG	KT-SWLED-WG-1-KIT	Wire Guard for LED Stairwell Fixtures. Thick steel wire and premium white powdercoat construction.	843654132464	PIT-99
	/CP	KT-SWLED-CP	Replacement Cover Plate for Stairwell Fixture, used to cover Sensor Trimpot	843654157290	SHW-24



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

**STEP-DOWN TRANSFORMERS**

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

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/480†	KTAT-250-480-277 /SF	Fully enclosed, single flex step-down transformer for LED high bay fixtures (250VA or lower)	843654102931	XIM-17



\* 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 step-down transformer units will automatically include any relevant mounting bracket.

\* Step-down transformers cannot be ordered in conjunction with standard SJTOW cord set options (contact Keystone sales rep for available custom options if needed).

(Accessories continued on next page)



# KT-SWLED45PS-4A-8CSA-VDIM-P

## LED STAIRWELL FIXTURE

### ORDERING INFORMATION

CATALOG NUMBER	PACK QUANTITY	UPC	EASY CODE	DLC PRODUCT ID
KT-SWLED45PS-4A-8CSA-VDIM-P	1	843654132457	PWA-11	P27NOJLA

### CATALOG NUMBER BREAKDOWN

# KT-SWLED45PS-4A-8CSA-VDIM-P

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>
<b>1</b> Keystone Technologies	<b>2</b> LED Stairwell Fixture	<b>3</b> Wattage	<b>4</b> Power Select	<b>5</b> 4' Nominal Length	<b>6</b> Light Distribution Type	<b>7</b> 80 CRI	<b>8</b> Color Select	<b>9</b> Color Select Designation	<b>10</b> 0-10V Dimming	<b>11</b> Premium Series

<b>A</b>	3500K, 4000K, 5000K
----------	---------------------

### ORDERING EXAMPLES

FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES\*

**KT-SWLED45PS-4A-8CSA-VDIM-P /L715P6/EM5/WG**

FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES\*

**KT-SWLED45PS-4A-8CSA-VDIM-P /EM5/WG/480**

FIXTURE WITH TWO FACTORY-INSTALLED ACCESSORIES\*

**KT-SWLED45PS-4A-8CSA-VDIM-P /480**

FIXTURE WITH NO FACTORY-INSTALLED ACCESSORIES

**KT-SWLED45PS-4A-8CSA-VDIM-P**

\* 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-SWLED45PS-4A-8CSA-VDIM-P

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

EMERGENCY BACKUP	
SUFFIX	CATALOG NUMBER
✓ /EM5	KT-EMRG-LED-5C-500

MOUNTS AND BRACKETS	
SUFFIX	CATALOG NUMBER
✓ /WG	KT-SWLED-WG-1-KIT

STEP-DOWN TRANSFORMERS	
SUFFIX	CATALOG NUMBER
✓ /480	KTAT-250-480-277 /SF

Note: Step-down transformers cannot be ordered in conjunction with standard SJTOW cord set options (contact Keystone sales rep for available custom options if needed).