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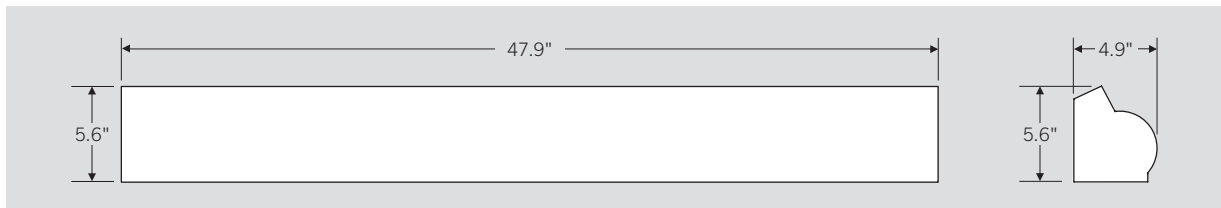Frosted Lens, 0—10V Dimming, Premium Series

PRODUCT FEATURES

- CCT Selectable (3500/4000/5000K)
- Wattage Selectable (44/35/30W)
- Powered by 0—10V dimming LED drivers
- Post-painted steel body; PMMA lens
- Smooth, diffused lens for an even appearance
- 0-10V bi-level dimming
- Compatible with emergency LED drivers

- Includes integrated bi-level ultrasonic occupancy sensor
- Ambient operating temperature: −20ºC/−4ºF to 50ºC/122ºF
- UL Listed 1598: Suitable for damp locations
- THD: < 20%
- Power factor: > 0.95
- L70: > 50,000 hours
- DLC Listed

PRODUCT SPECIFICATIONS

Catalog Number	Wattage	CCT	Lumen Output	Efficacy	Input Voltage	CRI	Dimming	Lifetime
SW-LED-4A-45PS-8CSA	45W	3500K	5,490	122 lm/W	120—277V	> 80	0—10V Dim-to-Off	50,000 hrs
		4000K	5,535	123 lm/W				
		5000K	5,580	124 lm/W				
	35W	3500K	4,480	128 lm/W				
		4000K	4,515	129 lm/W				
		5000K	4,550	130 lm/W				
	30W	3500K	3,930	131 lm/W				
		4000K	3,960	132 lm/W				
		5000K	3,990	133 lm/W				

PHYSICAL SPECIFICATIONS

47.9"

5.6"

4.9"

5.6"

KB LIGHTING

2515 METROPOLITAN DRIVE TREVOSE, PA 19053   P: (215) 953-6663   F: (215) 953-6710   E: BKESSEL@KBLIGHTING.COM
Specifications and dimensions subject to change without notice.

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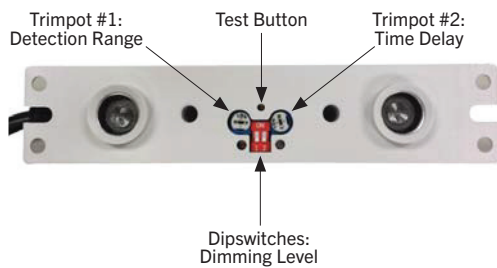
Test Mode: Test Mode sets the time delay to five seconds and runs for 5 minutes. LED flashes 2 times to indicate Test Mode started. After 5 minutes (or push the Test Mode button again), LED flashes 3 times, the sensor returns to the selected time delay. During test mode, full output when triggered, and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

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

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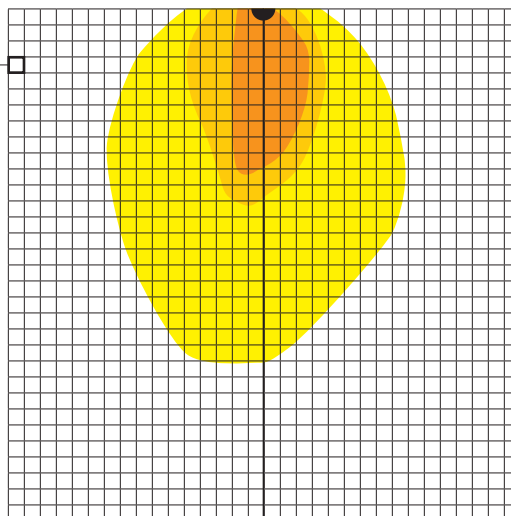
SETTINGS ADJUSTMENTS

Trimpot #1: Detection Range
Test Button
Trimpot #2: Time Delay

Dipswitches: Dimming Level

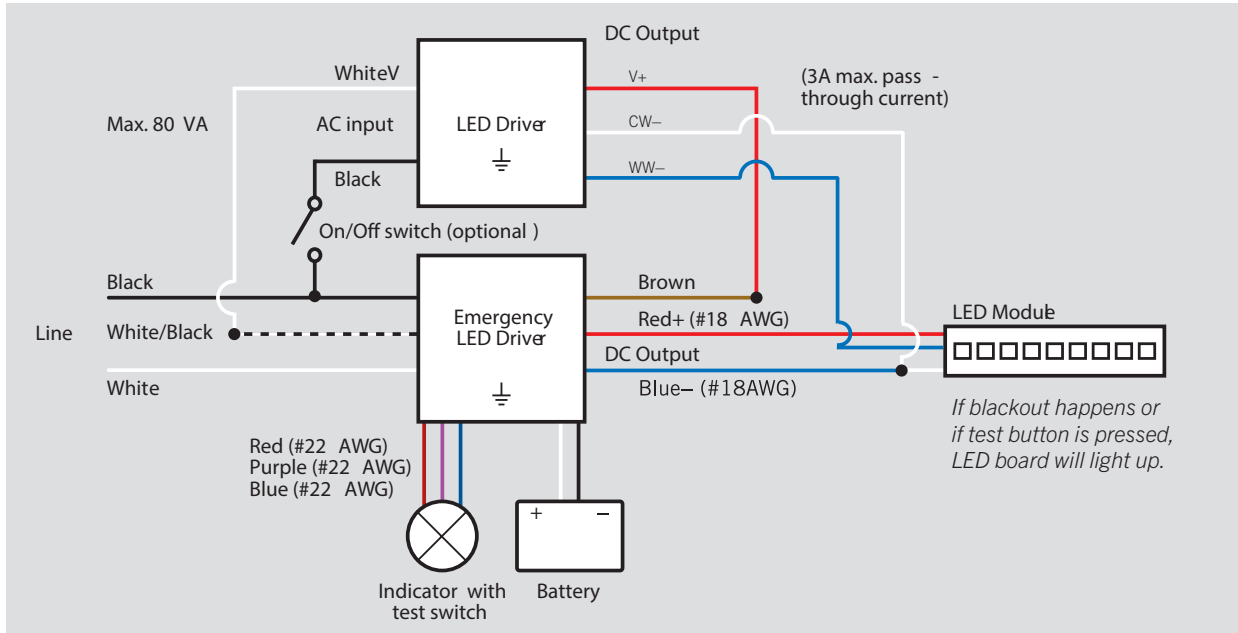| Dipswitch 1	Dipswitch 2	DIM Level
OFF	OFF	OFF
OFF	ON	10%
ON	OFF	25%
ON	ON	50%

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
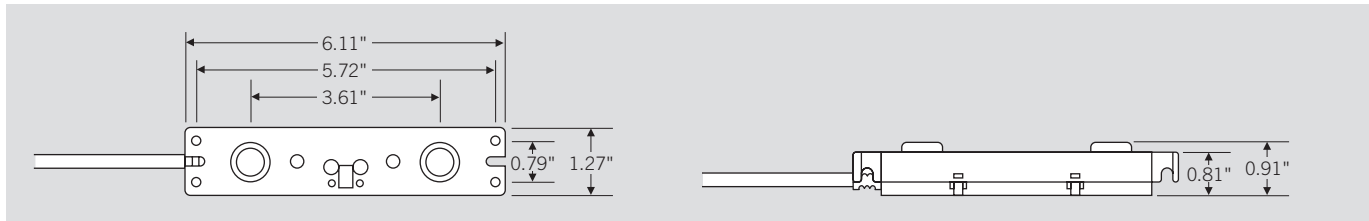■ Medium Coverage
■ Low Coverage

EMERGENCY PACK WIRING DIAGRAM

DC Output

WhiteV

AC input — LED Driver

Max. 80 VA

Black

On/Off switch (optional)

V+

CW—

WW—

(3A max. pass - through current)

Black

White/Black

Line

White

Emergency LED Driver

Brown

Red+ (#18 AWG)

DC Output

Blue— (#18AWG)

LED Module

If blackout happens or if test button is pressed, LED board will light up.

Red (#22 AWG)
Purple (#22 AWG)
Blue (#22 AWG)

Indicator with test switch   Battery

SENSOR SPECIFICATIONS

6.11"
5.72"
3.61"
0.79" 1.27"

0.81" 0.91"

ORDERING INFORMATION

Catalog Number	Pack Quantity	Easy Code	UPC
SW-LED-4A-45PS-8CSA	TBD	TBD	TBD

KB LIGHTING

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