

TRADITIONAL 80W NON-CUTOFF LED WALL PACK



Traditional 80W, 120-277V Input

PRODUCT FEATURES

- Traditional design matches appearance and light distribution pattern of legacy HID, optimized for one-for-one replacements
- Heavy-duty, die-cast aluminum housing with (5) available 1/2" threaded conduit hubs: (1) on back and (1) on all four sides
- Powered by 0–10V dimming LED drivers
- Technology: Adjustable CCT (3000K, 4000K, or 5000K)
- 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 listed for wet locations, IP65
- 0–10V dimming, 10% min
- Power Factor: >0.95
- THD: <20%
- LED chip lifetime: L70 >100,000 hrs @ 25°C/77°F ambient fixture temp
- Meets FCC Part 15, Part B, Class A standards for conducted and radiated emissions
- Fixture impact rating IK06
- Compatible with LED Emergency Backups



10YEAR
LIMITED WARRANTY

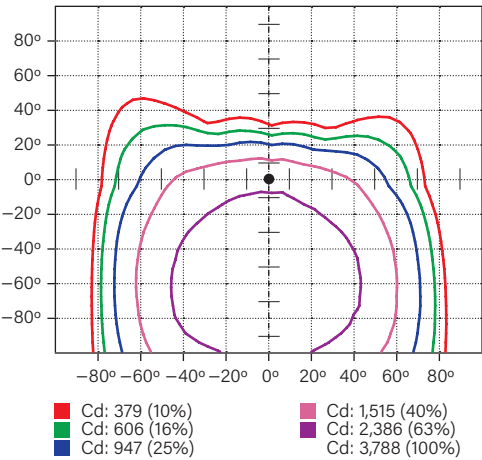
ELECTRICAL SPECIFICATIONS

Catalog Number	Wattage	Lumens	Lumens Below 90°	Dimming	CCT*	Efficacy	CRI	Housing Color	Input Voltage	Rated Life	Legacy Equivalent
1ST-CSWPT-80CS-U-DO	80W	10955 lm	9860 lm	0–10V	3000K	137 lm/W	>80	Bronze	120–277V	50,000 hrs	250–320W MH
		11925 lm	10730 lm		4000K	149 lm/W					
		11360 lm	10225 lm		5000K	142 lm/W					

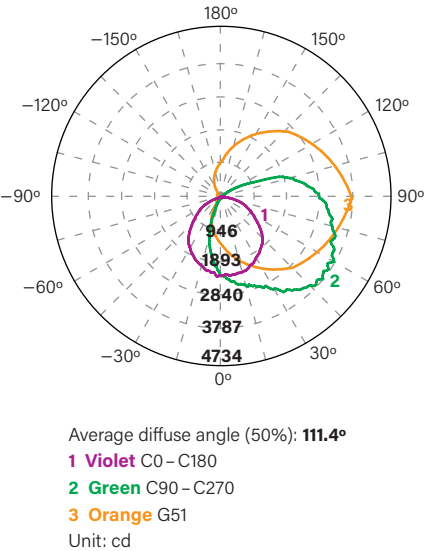
* Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017

PHOTOMETRIC SPECIFICATIONS

ISOCANDELA PLOT



LUMINOUS INTENSITY DISTRIBUTION



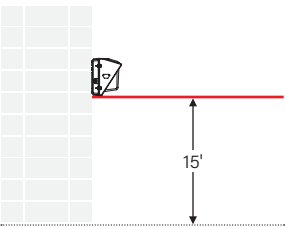
FLUX DISTRIBUTION

Zone	Lumens	% Luminaire
Forward Light	8,671 lm	79.6%
0°-30°	1,281 lm	11.8%
30°-60°	3,696 lm	33.9%
60°-80°	2,660 lm	24.4%
80°-90°	1,035 lm	9.5%
Back Light	1,029 lm	9.5%
0°-30°	409 lm	3.8%
30°-60°	471 lm	4.3%
60°-80°	126 lm	1.2%
80°-90°	23 lm	0.2%
Up Light	1,195 lm	11.0%
90°-100°	551 lm	5.1%
100°-180°	644 lm	5.9%

BUG* Rating	
Asymmetrical Luminaire Types	
Type I, II, III, IV	B1 U4 G5
Quadrilateral Symmetrical Luminaire Types	
Type V, Area Light	B1 U4 G5

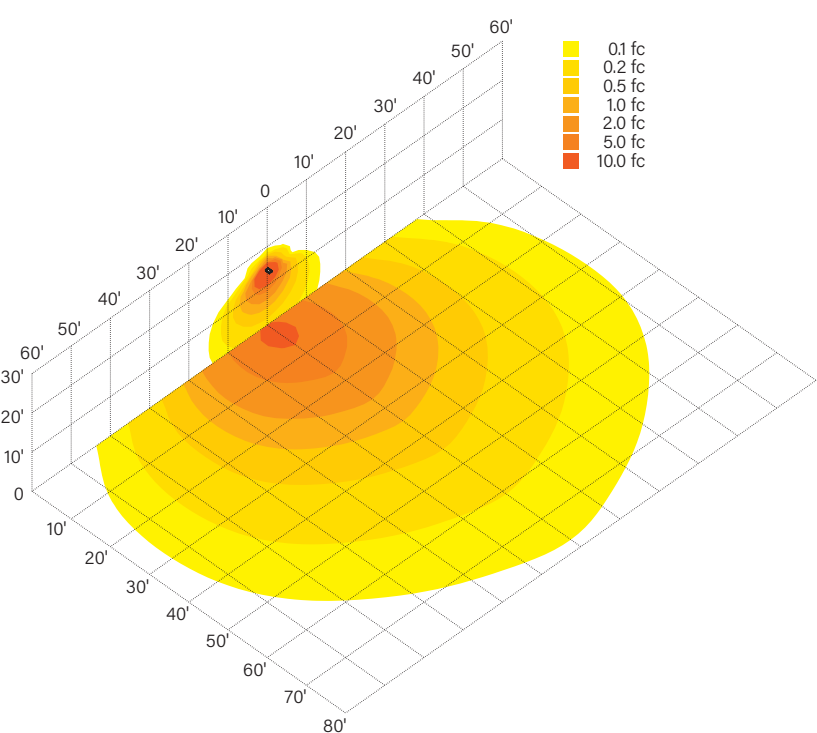
MOUNTING

Side view



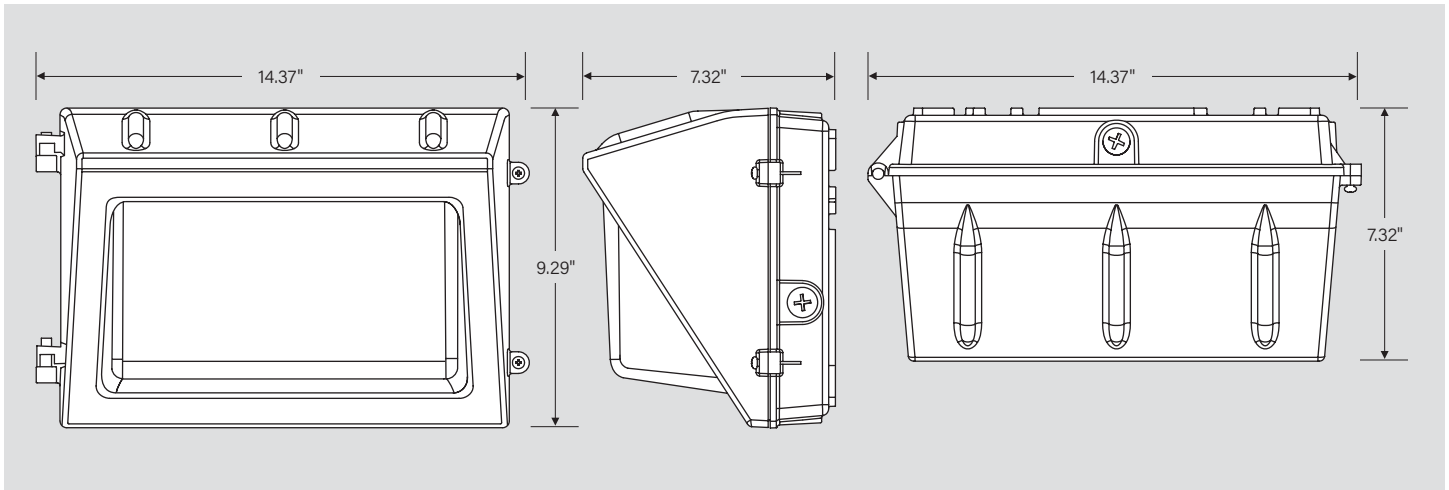
LIGHT DISTRIBUTION PATTERN

Isometric view from above; Luminaire mounted at 15'



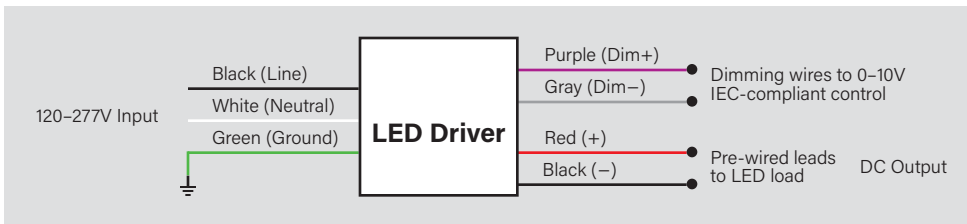
* Backlight, Uplight, Glare

PHYSICAL SPECIFICATIONS



GENERAL SETUP INSTRUCTIONS

GENERAL WIRING DIAGRAM



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

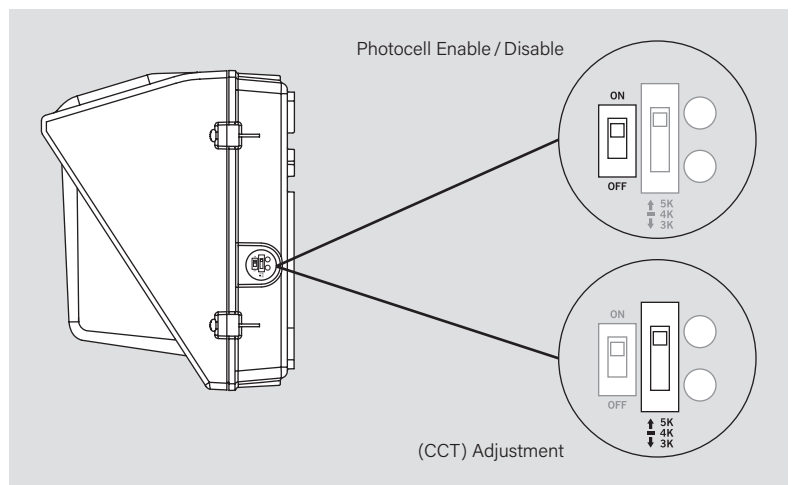
Caution: The electrical rating of this product is 120-277V. Installer must confirm that there is 120-277V at the fixture before installation.

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 preset with photocell enabled unless otherwise noted.

(CCT) ADJUSTMENT

This fixture is equipped with CCT Selection. 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.



ACCESSORIES

SENSORS

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

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION
		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



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

CORD SETS

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

✓		CATALOG NUMBER	DESCRIPTION
		KT-CS-515P-6-18/3	Cord set for high bay; 125V NEMA 5-15P; straight blade plug; 6' SJTOW cable; 18/3 wire
		KT-CS-L515P-6-16/3	Cord set for high bays; 125V NEMA L5-15P; twist lock plug; 6' SJTOW cable; 16/3 wire



Cord Sets

EMERGENCY BACKUP

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

✓		CATALOG NUMBER	DESCRIPTION
		KT-EMRG-LED-12C-1200	LED Emergency Back-Up, 12W Constant Wattage Design. Approx 1200 Lumens. 120-277V Input. Remote Compact Battery Pack. CEC T20 Compliant.
		KT-EMRG-LED2-TS-IP65	IP65 Rated Wet Location Test Switch for 5W and 12W CEC Compliant LED Emergency Packs



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



Wet Location Test Switch
KT-EMRG-LED2-TS-IP65

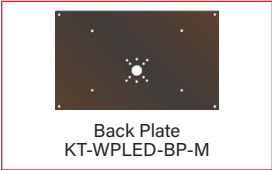
(Accessories continued on next page)

ACCESSORIES (continued)

MOUNTS AND BRACKETS

Field-Installable / Field-Use ONLY (purchased separately)

✓		CATALOG NUMBER	DESCRIPTION
		KT-WPLED-BP-M	Back Plate for Medium Size Wallpacks, Covers Legacy Style Large HID Housing Dimensions. Standard Bronze Color.



SURGE PROTECTORS

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

✓		CATALOG NUMBER	DESCRIPTION
		KTSP-10KV-C	External Surge Protector, compact design. Parallel Wiring, 120-277V Input, Max Peak Protection (10KV, 10KA)

