



KT-WPLED20-S1-8XX-VDIM

SMALL NON-CUTOFF LED WALL PACK

DESCRIPTION

Small 20W Non-Cutoff LED Wall Pack | 120–277V Input |
4000–5000K | Low Profile Housing | Bronze Finish | Impact Resistant Lens

APPLICATION

Building mount for exterior illumination (entryways, pathways, stairwells, security, and other general site lighting requirements)



PRODUCT FEATURES

- Small non-cutoff design can be mounted virtually anywhere, offering uniform vertical and horizontal distribution pattern for general safety and security illumination needs
- Heavy duty die cast aluminum housing with (3) 1/2" threaded conduit hubs: (1) on back and (1) on each side
- Powered by Keystone 0–10V dimming LED drivers, dimmable to 10%
- Built-in dusk-to-dawn photocell behind translucent 1/2" threaded plug with anti-yellowing agent
- ADA Compliant with low-profile housing less than 4" deep
- Impact-resistant and highly diffused polycarbonate lens with anti-yellowing agent offers reduced glare for low mounting height applications
- Ambient operating temperature: –40°C/–40°F to 50°C/122°F
- UL Certified for wet locations; IP65 rated
- Fixture impact rating IK07
- 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

PRODUCT SPECIFICATIONS

Catalog Number	Wattage	Lumens	Lumens Below 90°	Dimming	CCT*	Efficacy	CRI	Housing Color	Input Voltage	Rated Life	Legacy Equivalent
KT-WPLED20-S1-840-VDIM	20W	2500	2250	0–10V	4000K	125 lm/W	>80	Bronze	120–277V	50,000 hrs	50–70W MH
KT-WPLED20-S1-850-VDIM					5000K						

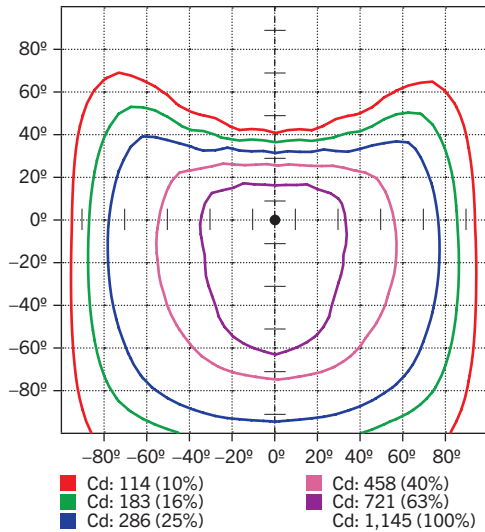
* Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017

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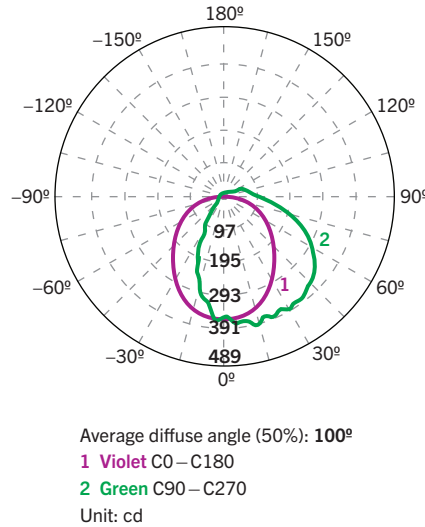
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PHOTOMETRIC SPECIFICATIONS

ISOCANDELA PLOT



LUMINOUS INTENSITY DISTRIBUTION



FLUX DISTRIBUTION

Zone	Lumens	% Luminaire
Forward Light	1,653 lm	64.0%
0°-30°	379 lm	14.7%
30°-60°	758 lm	29.4%
60°-80°	400 lm	15.5%
80°-90°	116 lm	4.5%
Back Light	667 lm	25.8%
0°-30°	264 lm	10.2%
30°-60°	283 lm	11.0%
60°-80°	97 lm	3.8%
80°-90°	23 lm	0.9%
Up Light	261 lm	10.1%
90°-100°	92 lm	3.5%
100°-180°	170 lm	6.6%

BUG* Rating

Asymmetrical Luminaire Types

Type I, II, III, IV B1 U3 G1

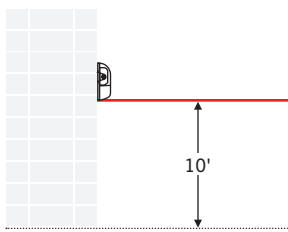
Quadrilateral Symmetrical Luminaire Types

Type V, Area Light B1 U3 G1

* Backlight, Uplight, Glare

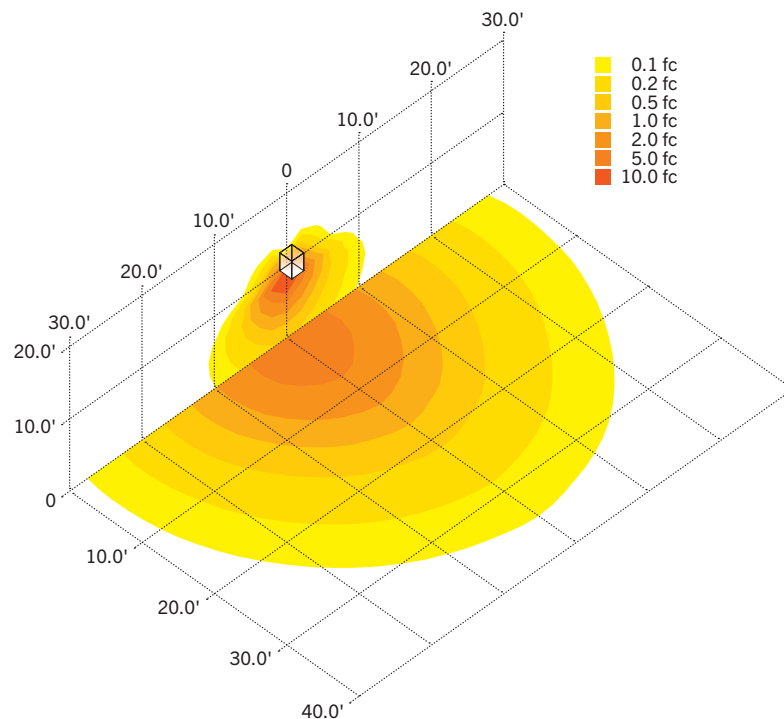
MOUNTING

Side view



LIGHT DISTRIBUTION PATTERN

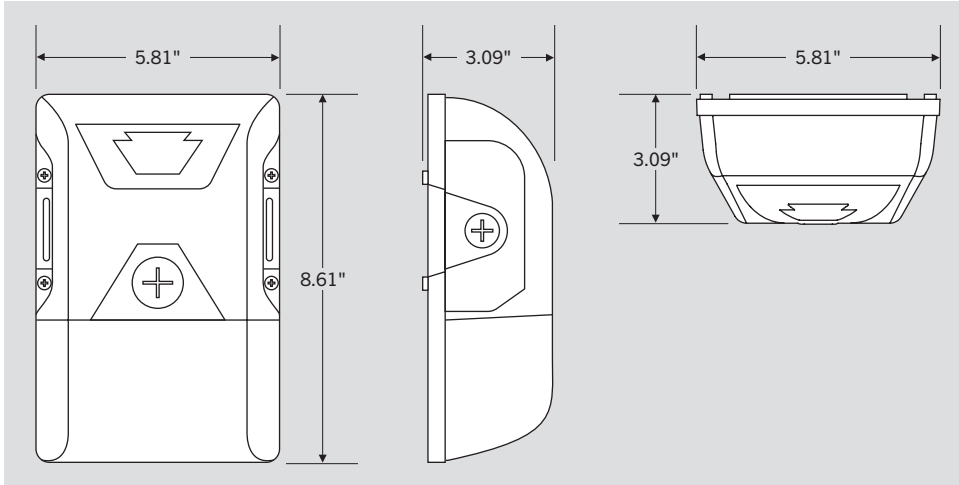
Isometric view from above; Luminaire mounted at 10'



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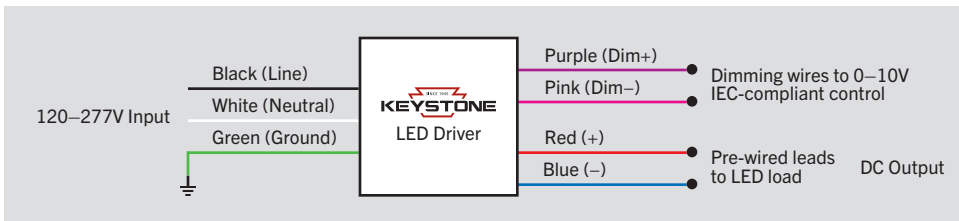
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PHYSICAL SPECIFICATIONS



GENERAL SETUP INSTRUCTIONS

GENERAL WIRING DIAGRAM

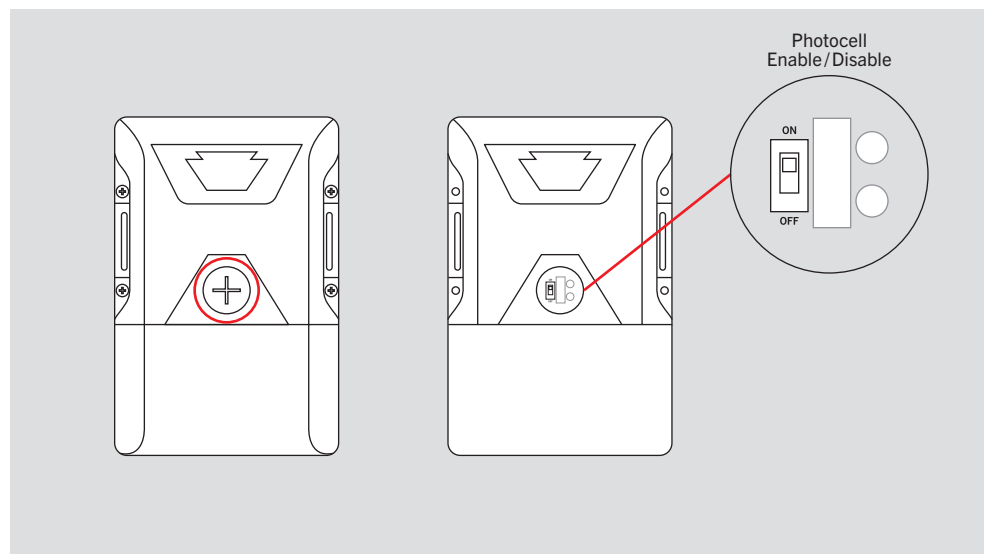


Caution: Before installing, make certain that AC power to the fixture is off.

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.



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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
	/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

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

✓	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	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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ORDERING INFORMATION

CATALOG NUMBER	PACK QTY.	EASY CODE	UPC
KT-WPLED20-S1-840-VDIM	1	TKE-18	843654129143
KT-WPLED20-S1-850-VDIM	1	DOV-45	843654129150

CATALOG NUMBER BREAKDOWN

KT-WPLED20-S1-8XX-VDIM

1	2	3	4	5	6	7	8	9
1 Keystone Technologies	2 Fixture Type	3 LED Lamp	4 Max Wattage	5 Size	6 Style	7 CRI	8 Color	9 Dimming
	WP Wallpack			S Small	1 Non-Cutoff	8 >80	40 4000K 50 5000K	VDIM 0-10V

ORDERING EXAMPLES

FIXTURE WITH SINGLE FACTORY-INSTALLED ACCESSORY

KT-WPLED20-S1-8XX-VDIM /515P6

FIXTURE WITH NO FACTORY-INSTALLED ACCESSORIES

KT-WPLED20-S1-8XX-VDIM

KEYSTONE FIXTURE

CATALOG NUMBER
KT-WPLED20-S1-8XX-VDIM

CORD SETS

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

Note: All accessories can also be ordered separately for field installation using just their regular Catalog Number, UPC, or Easy Code.