



KT-WPLED20-S1-8CSB-VDIM-X

SMALL LOW PROFILE LED WALL PACK

DESCRIPTION

20W Small Low Profile LED Wall Pack | 120–277V Input | Color Select | Small Low Profile Housing | Bronze, White, or Black Housing | Impact Resistant Lens

APPLICATION

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



10 YEAR
LIMITED WARRANTY

PRODUCT FEATURES

- Keystone Color Select Technology (3000/4000/5000K)
- Small low profile 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 highly diffused polycarbonate lens with anti-yellowing agent offers reduced glare for low mounting height applications
- Ambient operating temperature: -40°C/-40°F to 45°C/113°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°	Selectable CCT	Efficacy	Input Voltage	Dimming	CRI	Housing Color	Rated Life	Legacy Equivalent
KT-WPLED20-S1-8CSB-VDIM	20W	2,660	2,420	3000K	133 lm/W	120–277V	0–10V	> 80	Bronze	50,000 hrs	50–70W MH
		2,940	2,640	4000K	147 lm/W						
		2,760	2,480	5000K	138 lm/W						
KT-WPLED20-S1-8CSB-VDIM-W	20W	2,660	2,420	3000K	133 lm/W	120–277V	0–10V	> 80	White	50,000 hrs	50–70W MH
		2,940	2,640	4000K	147 lm/W						
		2,760	2,480	5000K	138 lm/W						
KT-WPLED20-S1-8CSB-VDIM-B	20W	2,660	2,420	3000K	133 lm/W	120–277V	0–10V	> 80	Black	50,000 hrs	50–70W MH
		2,940	2,640	4000K	147 lm/W						
		2,760	2,480	5000K	138 lm/W						

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PRODUCT IMAGES



KT-WPLED20-S1-8CSB-VDIM



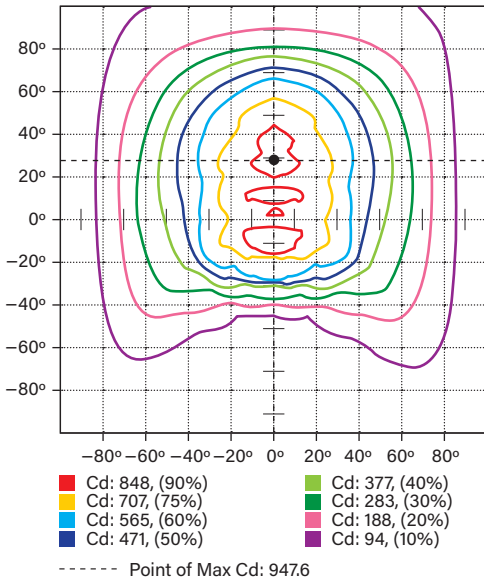
KT-WPLED20-S1-8CSB-VDIM-W



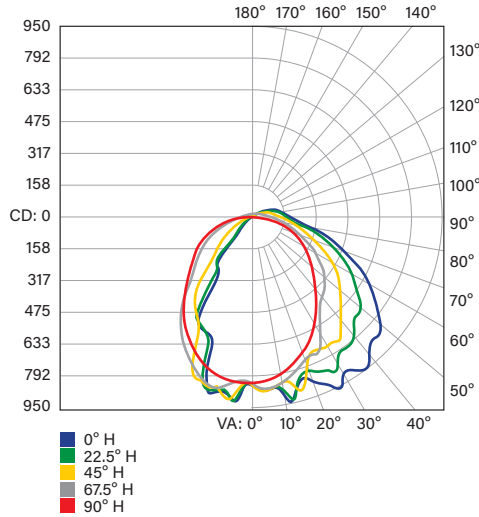
KT-WPLED20-S1-8CSB-VDIM-B

PHOTOMETRIC SPECIFICATIONS

ISOCANDELA PLOT



POLAR CANDELA DISTRIBUTION



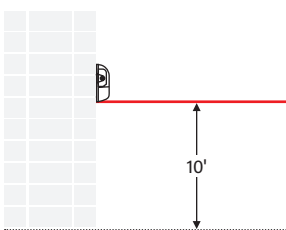
FLUX DISTRIBUTION

Zone	Lumens	% Luminaire
Forward Light		
0°-30°	363.5 lm	13.1%
30°-60°	770.2 lm	27.9%
60°-80°	407.8 lm	14.8%
80°-90°	113.7 lm	4.1%
Back Light		
0°-30°	336.5 lm	12.2%
30°-60°	361.0 lm	13.1%
60°-80°	110.7 lm	4.0%
80°-90°	24.1 lm	0.9%
Up Light		
90°-100°	94.2 lm	3.4%
100°-180°	182.7 lm	6.6%
BUG* Rating		
B1 U3 G2		

* Backlight, Uplight, Glare

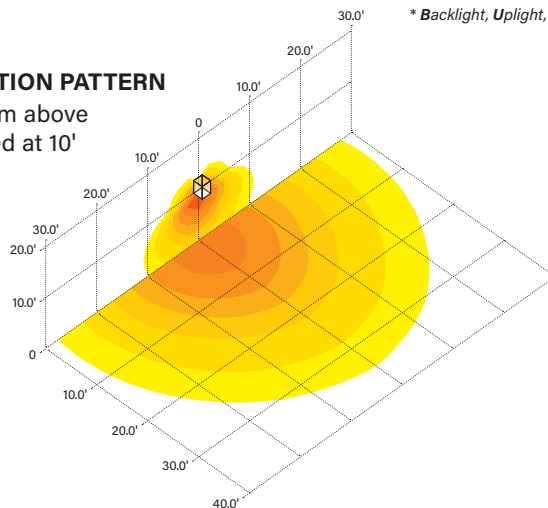
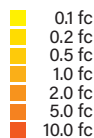
MOUNTING

Side view



LIGHT DISTRIBUTION PATTERN

Isometric view from above
Luminaire mounted at 10'

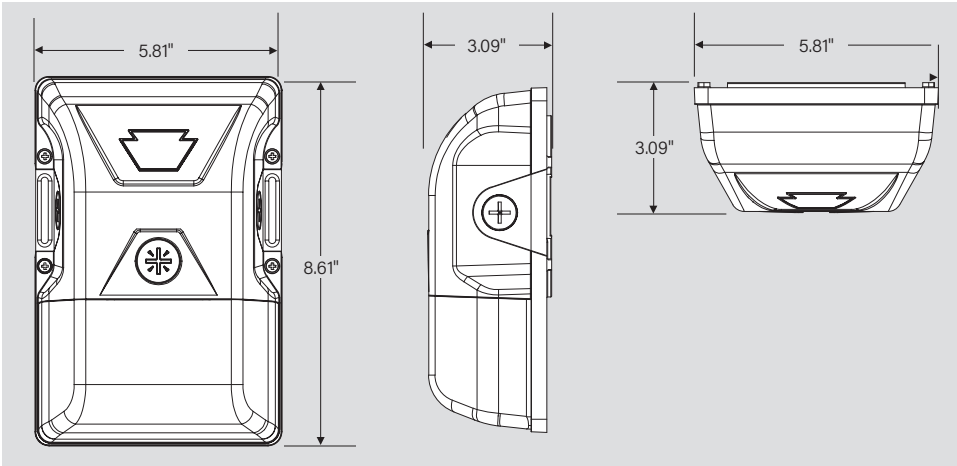


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PHYSICAL SPECIFICATIONS

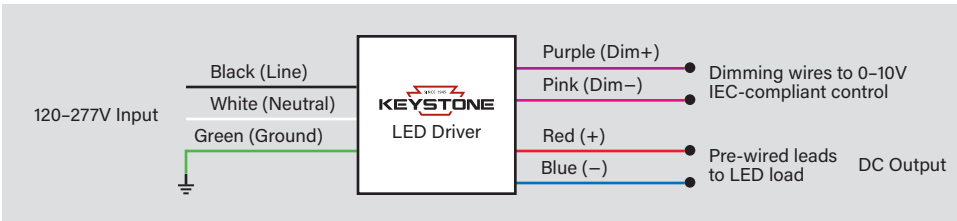
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GENERAL SETUP INSTRUCTIONS

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GENERAL WIRING DIAGRAM



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

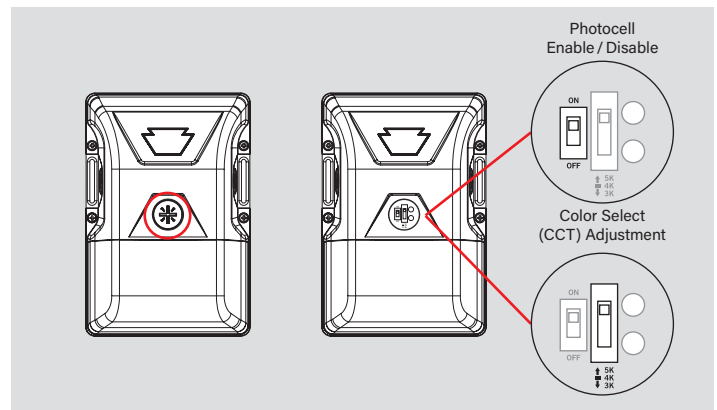
Caution: The electrical rating of this product is 120-277V. Installer must confirm that there is 120-277V at the fixture before installation.

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.

COLOR SELECT (CCT) ADJUSTMENT

Certain fixture models are 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.





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ORDERING INFORMATION

CATALOG NUMBER	UPC	EASY CODE	DLC PRODUCT ID
KT-WPLED20-S1-8CSB-VDIM	843654129112	XWA-37	PI7SCMGD
KT-WPLED20-S1-8CSB-VDIM-W	843654129136	OVS-04	PI7SCMGD
KT-WPLED20-S1-8CSB-VDIM-B	843654129129	VDW-81	PI7SCMGD

CATALOG NUMBER BREAKDOWN

KT-WPLED20-S1-8CSB-VDIM-X

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 Size	6 Style	7 80 CRI	8 Color Select Technology	9 Color Select Designation	10 Dimming	11 Housing Color	
	WP Wall Pack			S Small	1 Non-Cutoff	8 > 80			VDIM 0-10V		
										W White	
										B Black	