



XFiT



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

- 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, with EM: 0°C/32°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 IMAGES



KT-WPLED20-S1-8CSB-VDIM



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



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



KT-WPLED20-S1-8CSB-VDIM /EM4



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

SMALL LOW PROFILE LED WALL PACK

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	2600	2340	3000K	130 lm/W	120-277V	0-10V	> 80	Bronze	50,000 hrs	50-70W MH
		2700	2430	4000K	135 lm/W						
		2500	2330	5000K	125 lm/W						
KT-WPLED20-S1-8CSB-VDIM-W	20W	2600	2340	3000K	130 lm/W	120-277V	0-10V	> 80	White	50,000 hrs	50-70W MH
		2700	2430	4000K	135 lm/W						
		2500	2330	5000K	125 lm/W						
KT-WPLED20-S1-8CSB-VDIM-B	20W	2600	2340	3000K	130 lm/W	120-277V	0-10V	> 80	Black	50,000 hrs	50-70W MH
		2700	2430	4000K	135 lm/W						
		2500	2330	5000K	125 lm/W						

Catalog Number	Wattage	Lumens	Lumens Below 90°	Selectable CCT	Efficacy	Dimming	Emergency Wattage	Emergency Lumen Input	Rated Life	Legacy Equivalent
KT-WPLED20-S1-8CSB-VDIM /EM4	20W	2600	2340	3000K	130 lm/W	0-10V	4W	550	50,000 hrs	50-70W MH
		2700	2430	4000K	135 lm/W					
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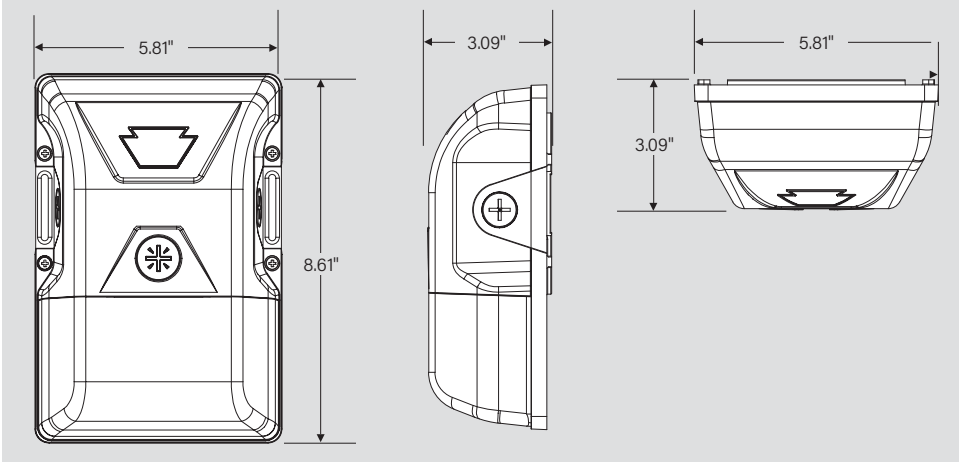
* Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017

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

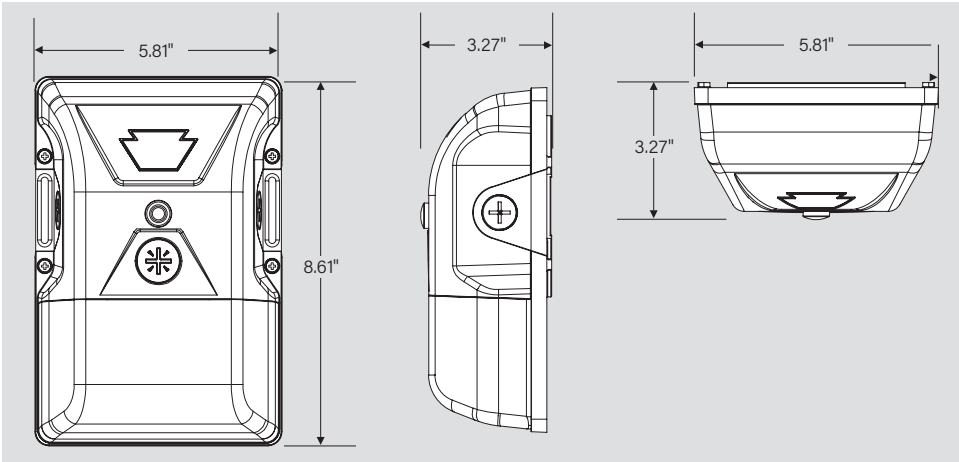
SMALL LOW PROFILE LED WALL PACK

PHYSICAL SPECIFICATIONS

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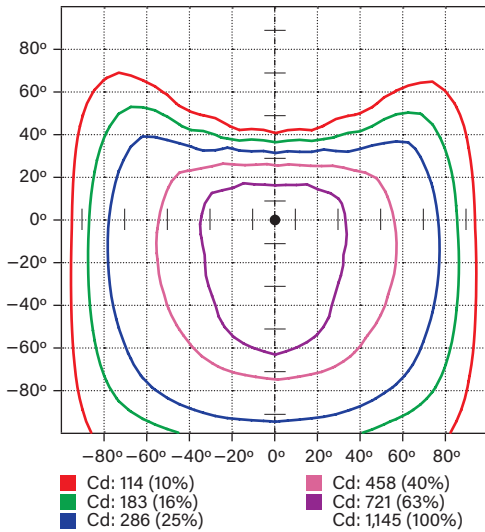


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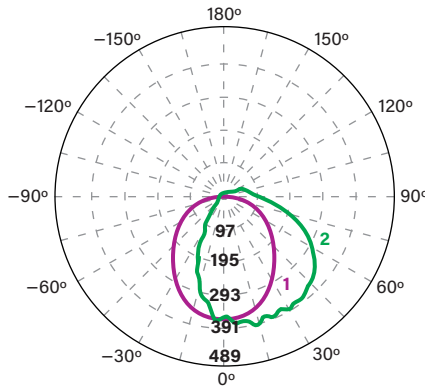
SMALL LOW PROFILE LED WALL PACK

PHOTOMETRIC SPECIFICATIONS

ISOCANDELA PLOT



LUMINOUS INTENSITY DISTRIBUTION



Average diffuse angle (50%): 100°

1 Violet C0 - C180

2 Green C90 - C270

Unit: cd

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

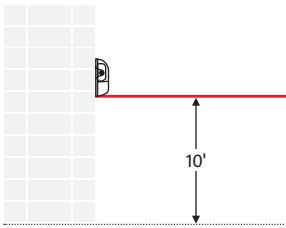
Quadrilateral Symmetrical Luminaire Types

Type V, Area Light B1 U3 G1

* Backlight, Uplight, Glare

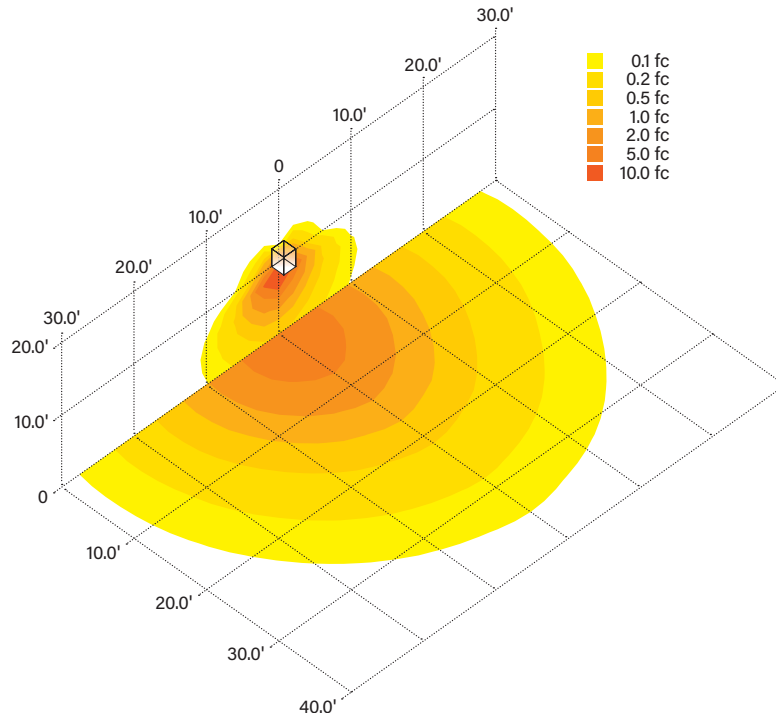
MOUNTING

Side view



LIGHT DISTRIBUTION PATTERN

Isometric view from above; Luminaire mounted at 10'





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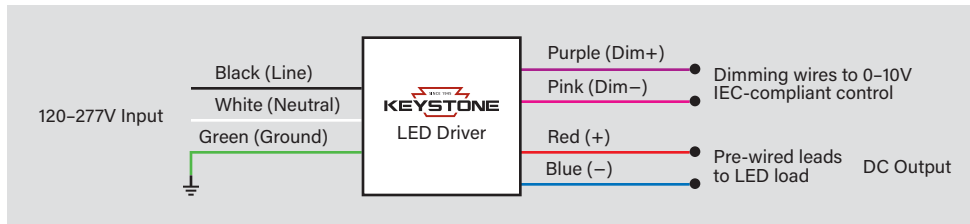
KT-WPLED20-S1-8CSB-VDIM-X

SMALL LOW PROFILE LED WALL PACK

GENERAL SETUP INSTRUCTIONS

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

GENERAL WIRING DIAGRAM



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

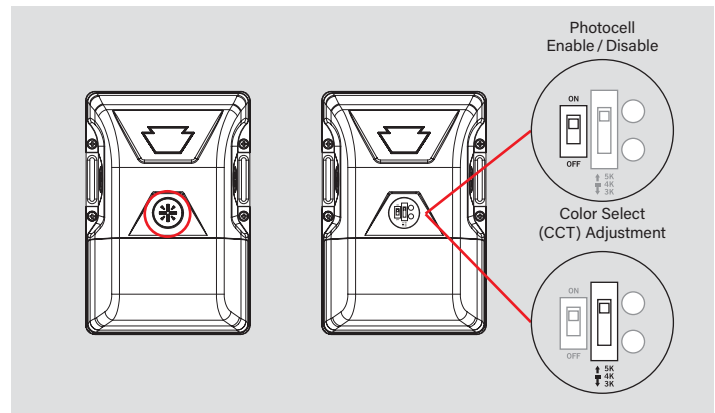
Caution: The electrical rating of this product is 120-277V. Installer must confirm that there is 120-277V at the fixture before installation.

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.



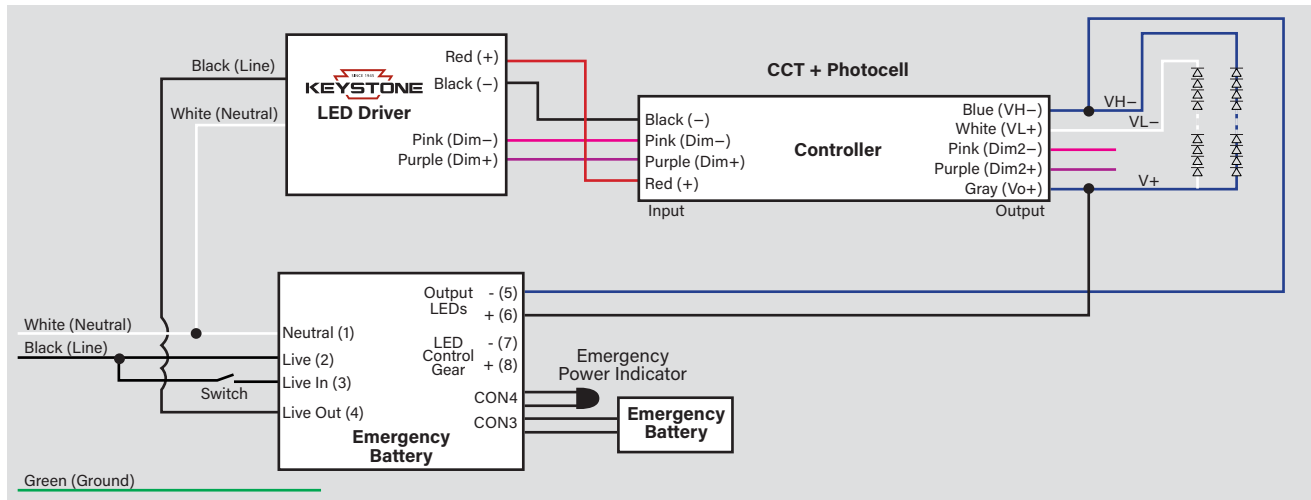
KT-WPLED20-S1-8CSB-VDIM-X

SMALL LOW PROFILE LED WALL PACK

GENERAL SETUP INSTRUCTIONS (CONTINUED)

KT-WPLED20-S1-8CSB-VDIM /EM4

GENERAL WIRING DIAGRAM

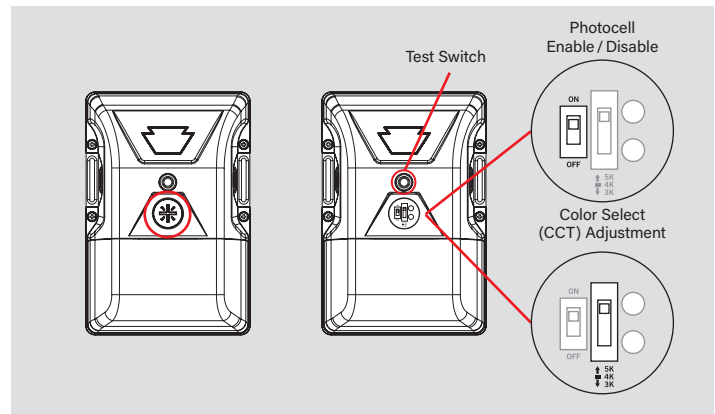


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KT-WPLED20-S1-8CSB-VDIM-X

SMALL LOW PROFILE LED WALL PACK

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
KT-WPLED20-S1-8CSB-VDIM /EM4	843654157498	OMA-65	S-X7F4R9

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	12 Battery Backup
	WP Wall Pack			S Small	1 Non-Cutoff	8 > 80			VDIM 0-10V	W White	/EM4 Emergency Battery Backup
					B Black						



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



KT-WPLED20-S1-8CSB-VDIM /EM4



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

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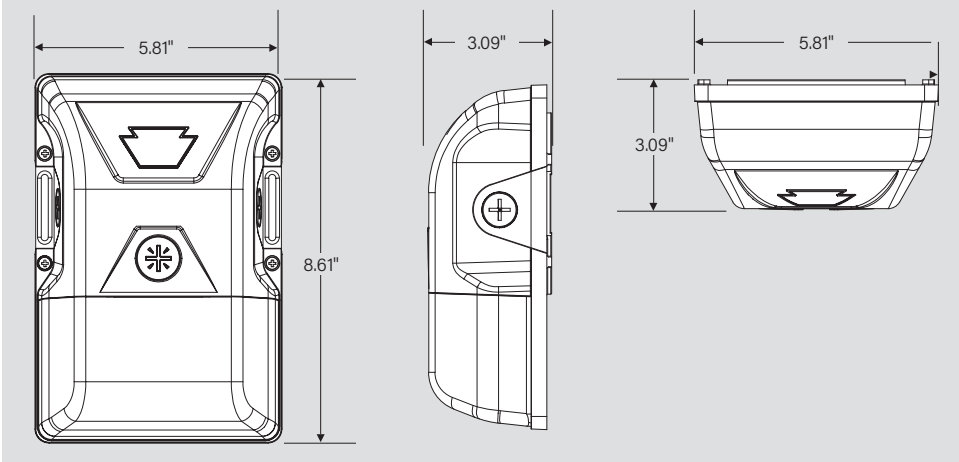
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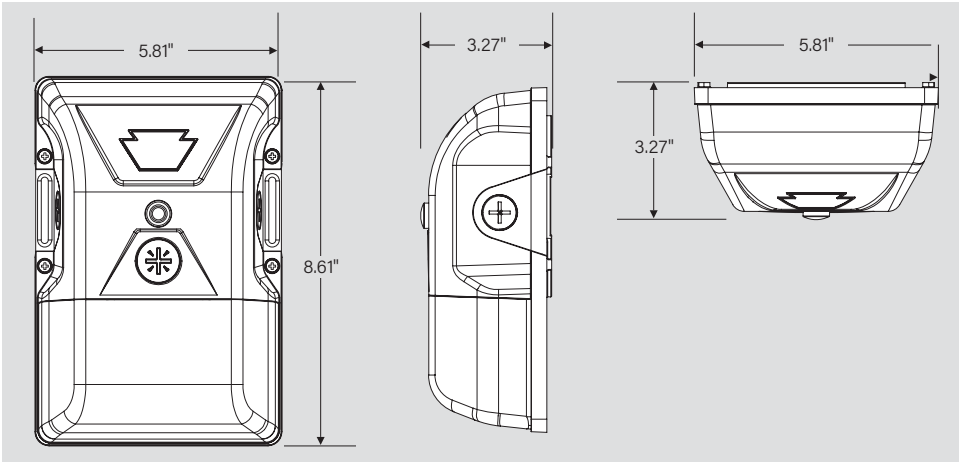
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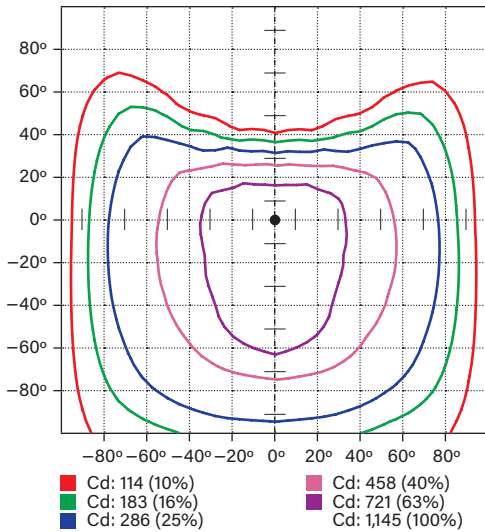


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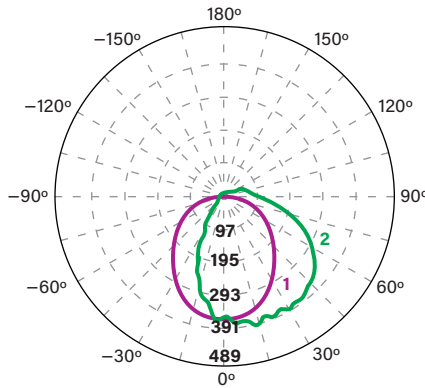
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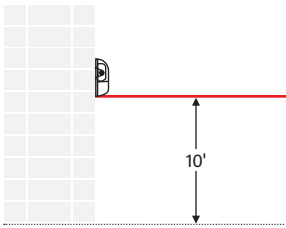
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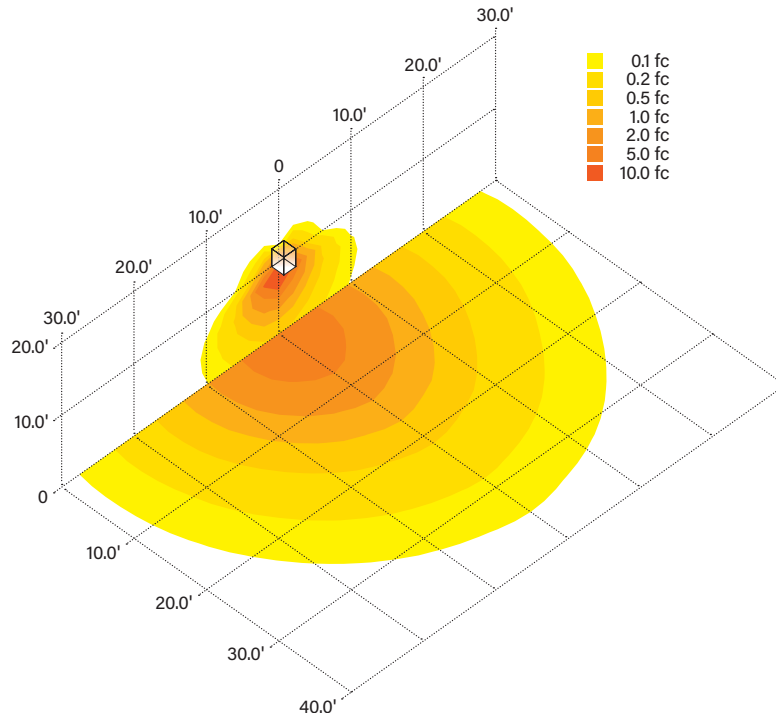
MOUNTING

Side view



LIGHT DISTRIBUTION PATTERN

Isometric view from above; Luminaire mounted at 10'





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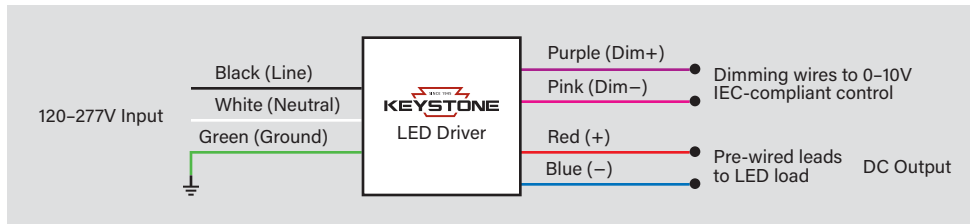
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GENERAL SETUP INSTRUCTIONS

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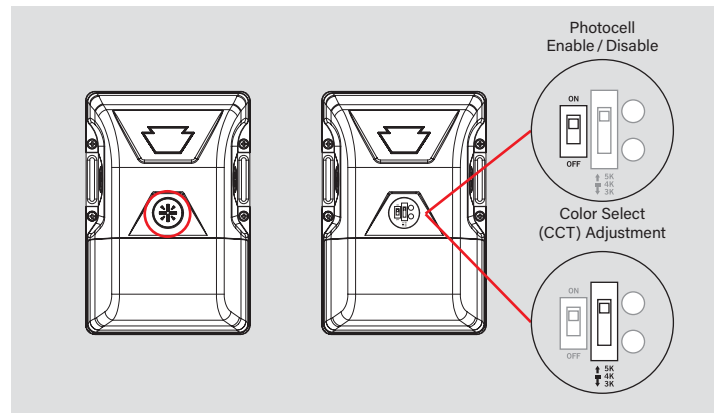
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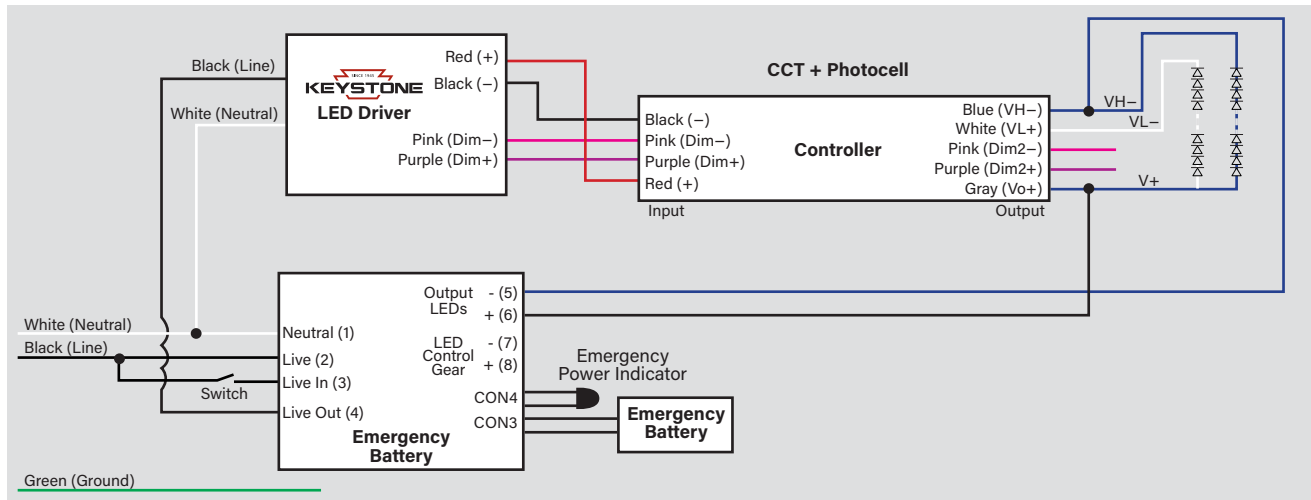
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SMALL LOW PROFILE LED WALL PACK

GENERAL SETUP INSTRUCTIONS (CONTINUED)

KT-WPLED20-S1-8CSB-VDIM /EM4

GENERAL WIRING DIAGRAM



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