

KT-WPLEDXXPS-X4-8CSB-VDIM

TRADITIONAL-SLIM LED WALL PACK

DESCRIPTION

Traditional-Slim LED Wall Pack | Power Select | Color Select | 120-277V Input | Medium or Large Housing | Bronze Finish | Glass Lens

APPLICATION

Building mount for exterior illumination (perimeters, pathways, loading docks, and other general security lighting requirements)



10 YEAR
LIMITED WARRANTY

PRODUCT FEATURES

- Keystone Power Select technology (see Performance Specifications for details)
- Keystone Color Select technology (3000/4000/5000K)
- Slim, low profile design that matches footprint and distribution of legacy HID wall packs. Optimized for one-for-one replacements
- Heavy-duty die-cast aluminum housing with (5) 1/2" threaded conduit hubs: (1) on back and (1) on all four sides
- Powered by Keystone 0-10V dimming LED drivers
- 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 Certified for wet locations; IP65 rated
- Fixture impact rating IK06
- Power Factor: > 0.95
- THD: < 20%
- LED chip lifetime: L70 > 100,000 hrs @ 25°C/77°F ambient fixture temperature
- Meets FCC Part 15, Part B, Class A standards for conducted and radiated emissions
- TAA options available. See *Ordering Information* below for details

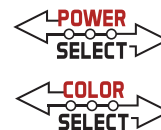
PRODUCT IMAGES



KT-WPLED35PS-M4-8CSB-VDIM
KT-WPLED55PS-M4-8CSB-VDIM
KT-WPLED80PS-M4-8CSB-VDIM



KT-WPLED120PS-L4-8CSB-VDIM



KT-WPLEDXXPS-X4-8CSB-VDIM

TRADITIONAL-SLIM LED WALL PACK

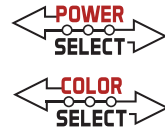
PRODUCT SPECIFICATIONS

Catalog Number	Wattage	CCT	Lumens	Efficacy	Input Voltage	Dimming	CRI	Photocell	Legacy Equivalent
KT-WPLED35PS-M4-8CSB-VDIM	35W	3000K	4550	130 lm/W	120-277V	0-10V	> 80	Included	175W MH
		4000K	4655	133 lm/W					
		5000K	4620	132 lm/W					
	25W	3000K	3400	136 lm/W					
		4000K	3525	141 lm/W					
		5000K	3475	139 lm/W					
	15W	3000K	2100	140 lm/W					
		4000K	2160	144 lm/W					
		5000K	2160	144 lm/W					
KT-WPLED55PS-M4-8CSB-VDIM	55W	3000K	7260	132 lm/W	120-277V	0-10V	> 80	Included	250W MH
		4000K	7645	139 lm/W					
		5000K	7370	134 lm/W					
	45W	3000K	6120	136 lm/W					
		4000K	6435	143 lm/W					
		5000K	6255	139 lm/W					
	35W	3000K	4900	140 lm/W					
		4000K	5075	145 lm/W					
		5000K	5005	143 lm/W					
KT-WPLED80PS-M4-8CSB-VDIM	80W	3000K	10560 lm	132 lm/W	120-277V	0-10V	> 80	Included	320W MH
		4000K	11280 lm	141 lm/W					
		5000K	10960 lm	137 lm/W					
	70W	3000K	9380 lm	134 lm/W					
		4000K	10010 lm	143 lm/W					
		5000K	9800 lm	140 lm/W					
	55W	3000K	7645 lm	139 lm/W					
		4000K	8030 lm	146 lm/W					
		5000K	7975 lm	145 lm/W					
KT-WPLED120PS-L4-8CSB-VDIM	120W	3000K	17040	142 lm/W	120-277V	0-10V	> 80	Included	400W MH
		4000K	17640	147 lm/W					
		5000K	16920	141 lm/W					
	100W	3000K	13900	139 lm/W					
		4000K	14300	143 lm/W					
		5000K	13900	139 lm/W					
	80W	3000K	11280	141 lm/W					
		4000K	11520	144 lm/W					
		5000K	11440	143 lm/W					

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



XFIT



KT-WPLEDXXPS-X4-8CSB-VDIM

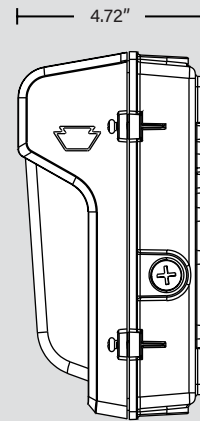
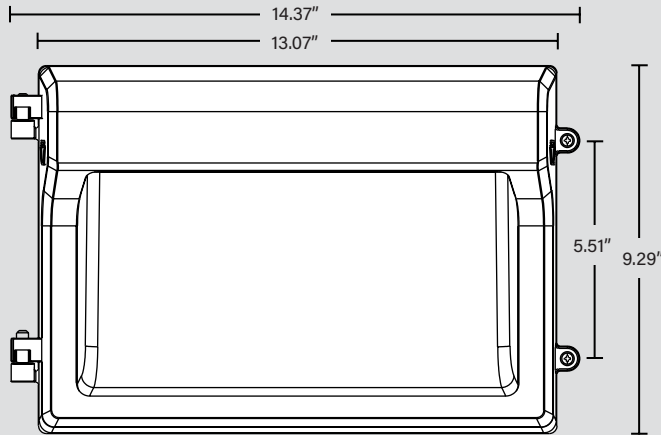
TRADITIONAL-SLIM LED WALL PACK

PHYSICAL SPECIFICATIONS

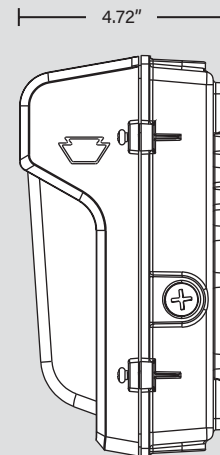
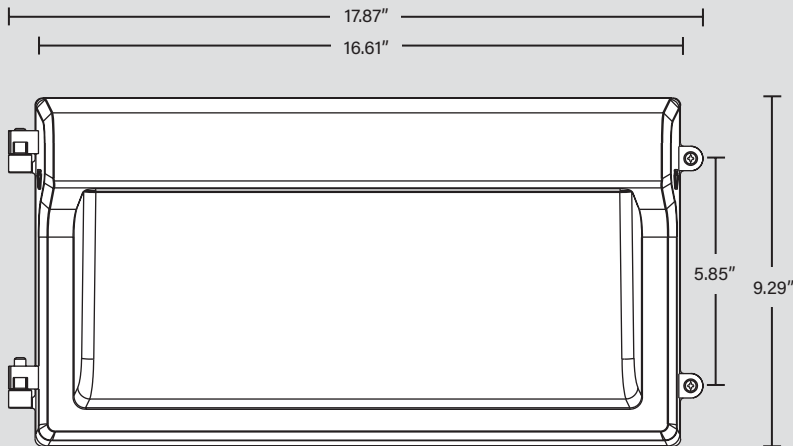
KT-WPLED35PS-M4-8CSB-VDIM

KT-WPLED55PS-M4-8CSB-VDIM

KT-WPLED80PS-M4-8CSB-VDIM

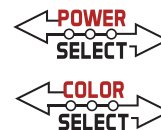


KT-WPLED120PS-L4-8CSB-VDIM





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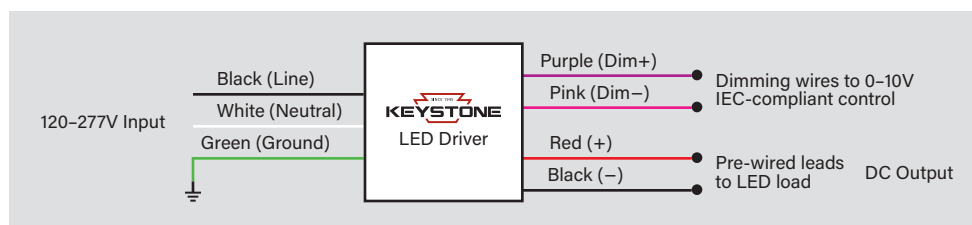


KT-WPLEDXXPS-X4-8CSB-VDIM

TRADITIONAL-SLIM LED WALL PACK

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

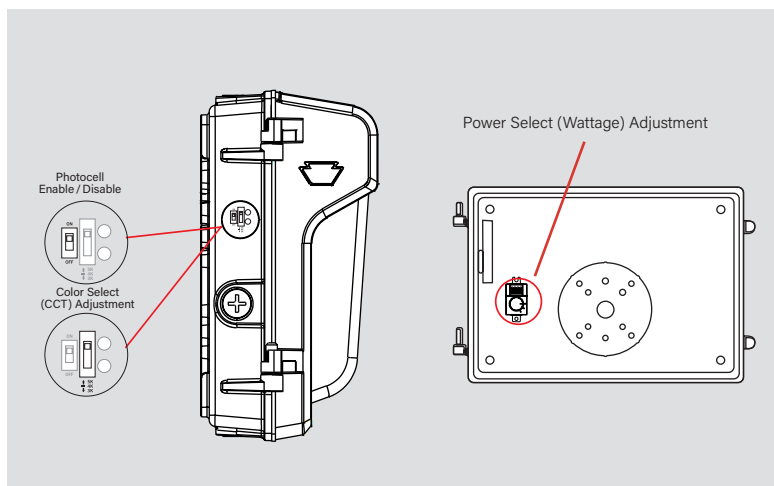
This fixture is equipped with a dusk-to-dawn photocell behind the translucent knock-out (KO) cover. Adjust the dip switch to enable (ON) or disable (OFF) the photocell function (see illustrations to the right). Fixture comes pre-set with photocell enabled unless otherwise noted.

COLOR SELECT (CCT) ADJUSTMENT

This fixture is 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 unless otherwise noted.

POWER SELECT (WATTAGE) ADJUSTMENT

The Power Select dial for this fixture is located inside of the housing. To access the dial, open the fixture face (see below instructions for reference). This wall pack is selectable between 3 wattage options, and is preset to the highest option. Please see chart below for details.



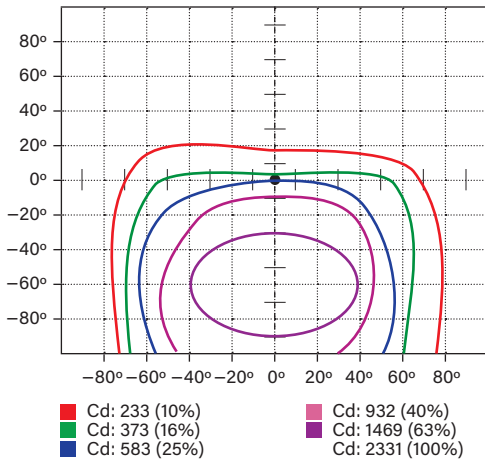
KT-WPLEDXXPS-X4-8CSB-VDIM

TRADITIONAL-SLIM LED WALL PACK

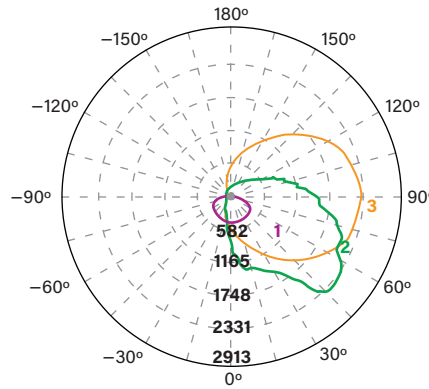
PHOTOMETRIC SPECIFICATIONS

KT-WPLED35PS-M4-8CSB-VDIM

ISOCANDELA PLOT



LUMINOUS INTENSITY DISTRIBUTION



Average diffuse angle (50%): **121.6°**

1 Violet C0 - C180

2 Green C90 - C270

3 Orange G48

Unit: cd

FLUX DISTRIBUTION

Zone	Lumens	% Luminaire
Forward Light	3,645 lm	81.6%
0°-30°	411 lm	9.2%
30°-60°	1,584 lm	35.4%
60°-80°	1,220 lm	27.3%
80°-90°	429 lm	9.6%
Back Light	216 lm	4.8%
0°-30°	78 lm	1.7%
30°-60°	84 lm	1.9%
60°-80°	43 lm	1.0%
80°-90°	11 lm	0.2%
Up Light	609 lm	13.6%
90°-100°	290 lm	6.5%
100°-180°	319 lm	7.1%

BUG* Rating

Asymmetrical Luminaire Types

Type I, II, III, IV B0 U5 G3

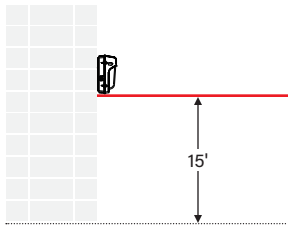
Quadrilateral Symmetrical Luminaire Types

Type V, Area Light B0 U5 G3

* Backlight, Uplight, Glare

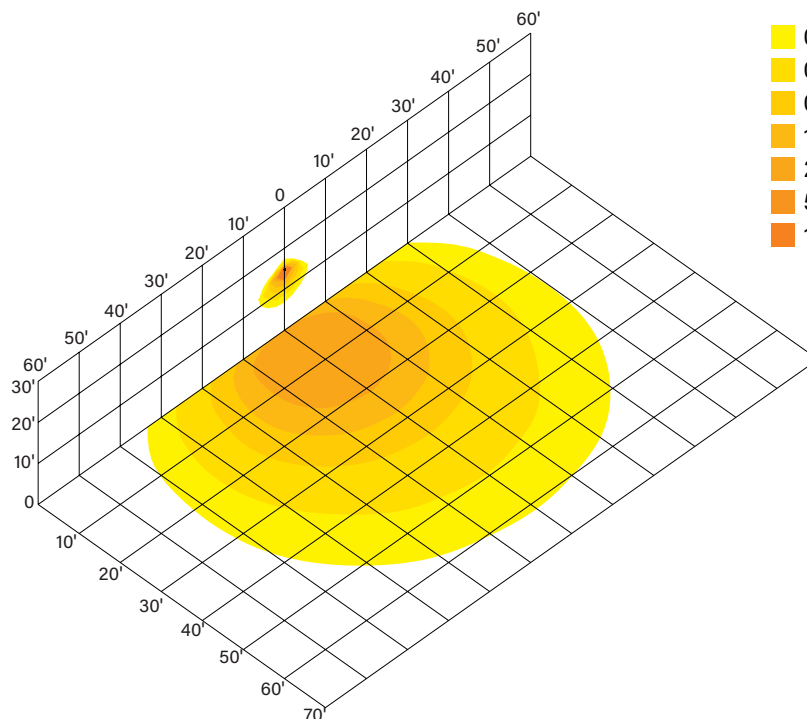
MOUNTING

Side view



LIGHT DISTRIBUTION PATTERN

Isometric view from above; Luminaire mounted at 15'



0.1fc
 0.2fc
 0.5fc
 1fc
 2fc
 5fc
 10fc

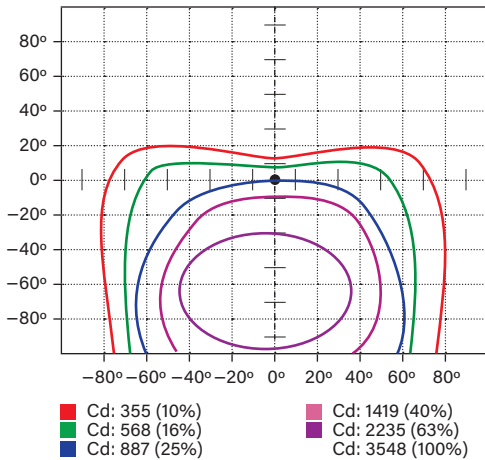
KT-WPLEDXXPS-X4-8CSB-VDIM

TRADITIONAL-SLIM LED WALL PACK

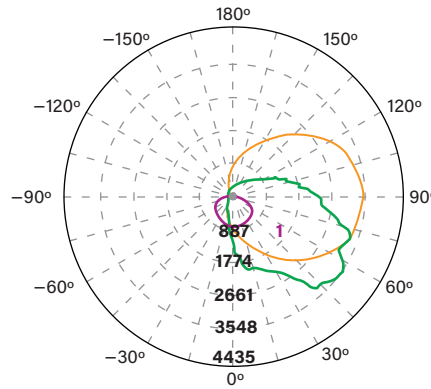
PHOTOMETRIC SPECIFICATIONS (CONTINUED)

KT-WPLED55PS-M4-8CSB-VDIM

ISOCANDELA PLOT



LUMINOUS INTENSITY DISTRIBUTION



Average diffuse angle (50%): **120.2°**

1 Violet C0 - C180

2 Green C90 - C270

3 Orange G52

Unit: cd

FLUX DISTRIBUTION

Zone	Lumens	% Luminaire
Forward Light	5,825 lm	77.1%
0°-30°	676 lm	8.9%
30°-60°	2,399 lm	31.7%
60°-80°	1,997 lm	26.4%
80°-90°	752 lm	10.0%
Back Light	402 lm	5.3%
0°-30°	148 lm	2.0%
30°-60°	161 lm	2.1%
60°-80°	76 lm	1.0%
80°-90°	18 lm	0.2%
Up Light	1,330 lm	17.6%
90°-100°	555 lm	7.3%
100°-180°	775 lm	10.3%

BUG* Rating

Asymmetrical Luminaire Types

Type I, II, III, IV B1 U5 G5

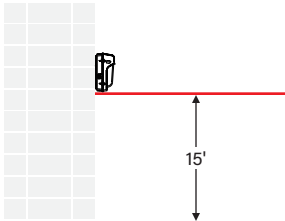
Quadrilateral Symmetrical Luminaire Types

Type V, Area Light B1 U5 G5

* Backlight, Uplight, Glare

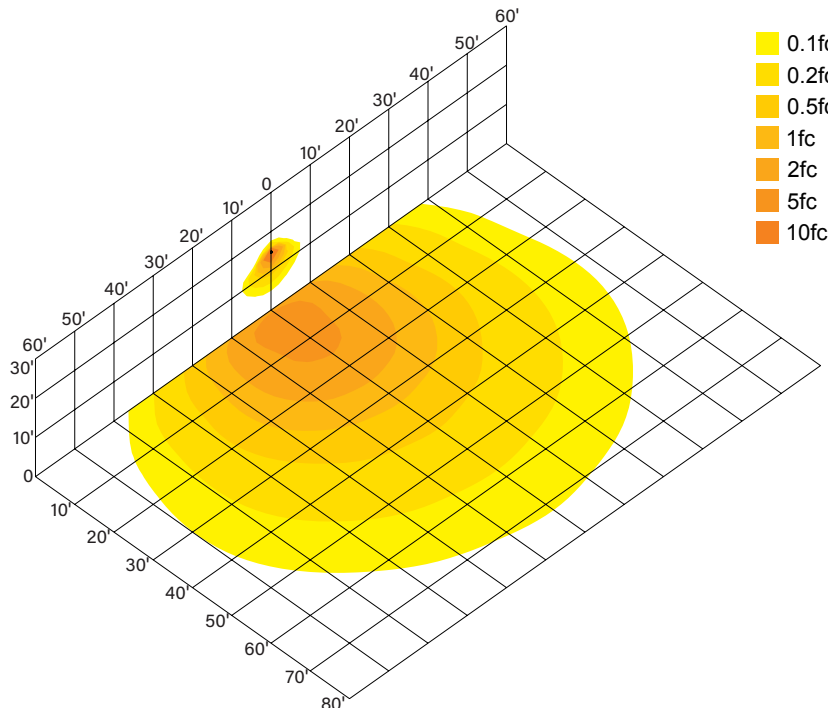
MOUNTING

Side view



LIGHT DISTRIBUTION PATTERN

Isometric view from above; Luminaire mounted at 15'



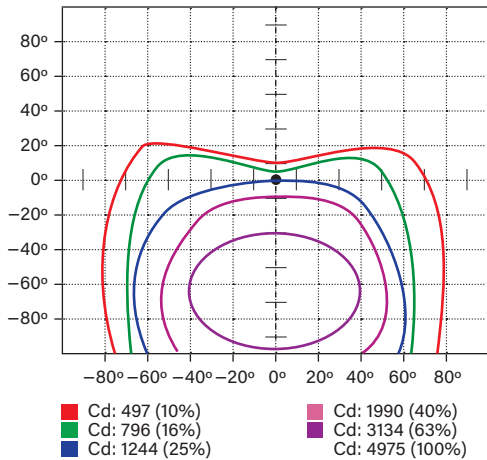
KT-WPLEDXXPS-X4-8CSB-VDIM

TRADITIONAL-SLIM LED WALL PACK

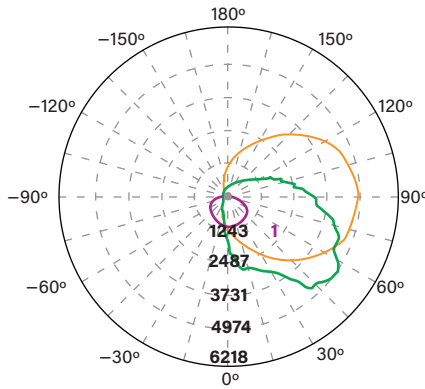
PHOTOMETRIC SPECIFICATIONS (CONTINUED)

KT-WPLED80PS-M4-8CSB-VDIM

ISOCANDELA PLOT



LUMINOUS INTENSITY DISTRIBUTION



Average diffuse angle (50%): 122.7°

1 Violet C0 - C180

2 Green C90 - C270

3 Orange G56

Unit: cd

FLUX DISTRIBUTION

Zone	Lumens	% Luminaire
Forward Light	8,333 lm	77.0%
0°-30°	985 lm	9.1%
30°-60°	3,431 lm	31.7%
60°-80°	2,829 lm	26.1%
80°-90°	1,088 lm	10.1%
Back Light	561 lm	5.2%
0°-30°	201 lm	1.9%
30°-60°	219 lm	2.0%
60°-80°	113 lm	1.0%
80°-90°	27 lm	0.2%
Up Light	1,929 lm	17.8%
90°-100°	790 lm	7.3%
100°-180°	1,139 lm	10.5%

BUG* Rating

Asymmetrical Luminaire Types

Type I, II, III, IV B1 U5 G5

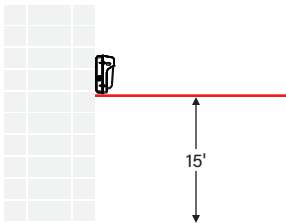
Quadrilateral Symmetrical Luminaire Types

Type V, Area Light B1 U5 G5

* Backlight, Uplight, Glare

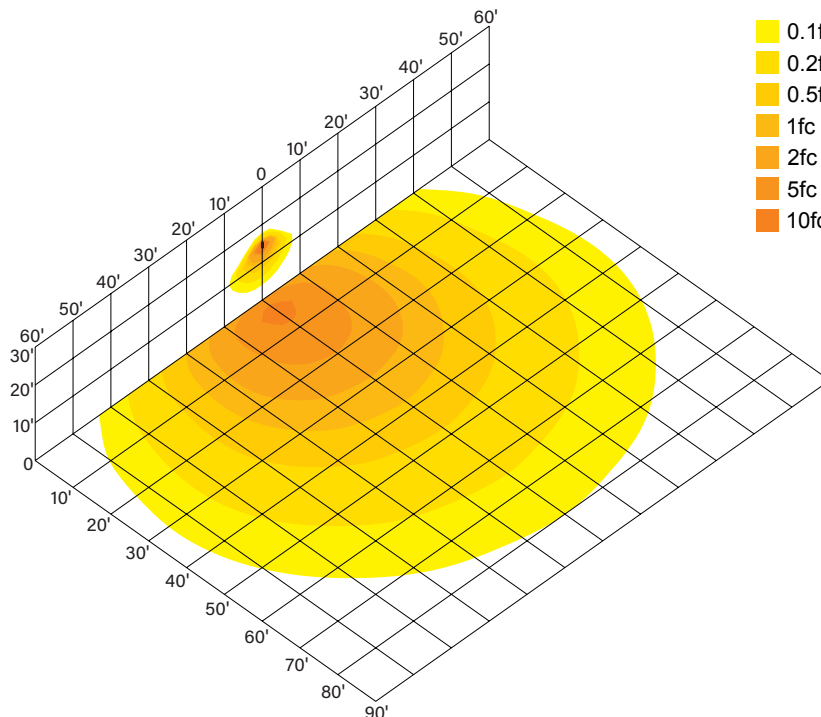
MOUNTING

Side view



LIGHT DISTRIBUTION PATTERN

Isometric view from above; Luminaire mounted at 15'



0.1fc
0.2fc
0.5fc
1fc
2fc
5fc
10fc

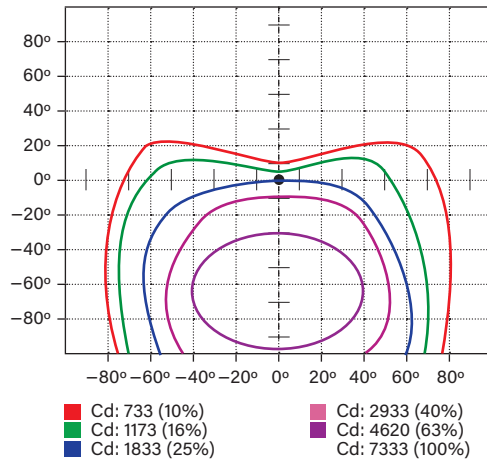
KT-WPLEDXXPS-X4-8CSB-VDIM

TRADITIONAL-SLIM LED WALL PACK

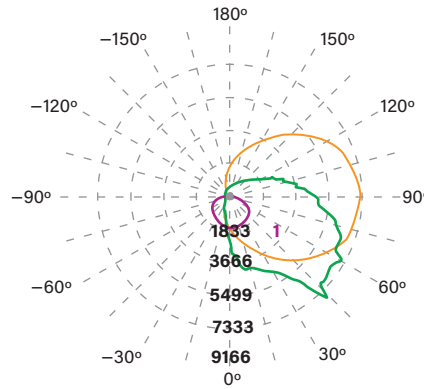
PHOTOMETRIC SPECIFICATIONS (CONTINUED)

KT-WPLED120PS-L4-8CSB-VDIM

ISOCANDELA PLOT



LUMINOUS INTENSITY DISTRIBUTION



Average diffuse angle (50%): 121.5°

1 Violet C0 - C180

2 Green C90 - C270

3 Orange G44

Unit: cd

FLUX DISTRIBUTION

Zone	Lumens	% Luminaire
Forward Light	12,129 lm	75.2%
0°-30°	1,378 lm	8.5%
30°-60°	5,094 lm	31.6%
60°-80°	4,060 lm	25.2%
80°-90°	1,597 lm	9.9%
Back Light	979 lm	6.1%
0°-30°	382 lm	2.4%
30°-60°	381 lm	2.4%
60°-80°	173 lm	1.1%
80°-90°	43 lm	0.3%
Up Light	3,022 lm	18.7%
90°-100°	1,131 lm	7.0%
100°-180°	1,891 lm	11.7%

BUG* Rating

Asymmetrical Luminaire Types

Type I, II, III, IV B1 U5 G5

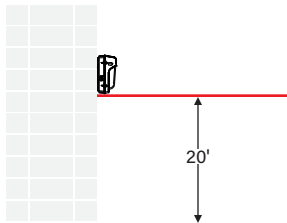
Quadrilateral Symmetrical Luminaire Types

Type V, Area Light B1 U5 G5

* Backlight, Uplight, Glare

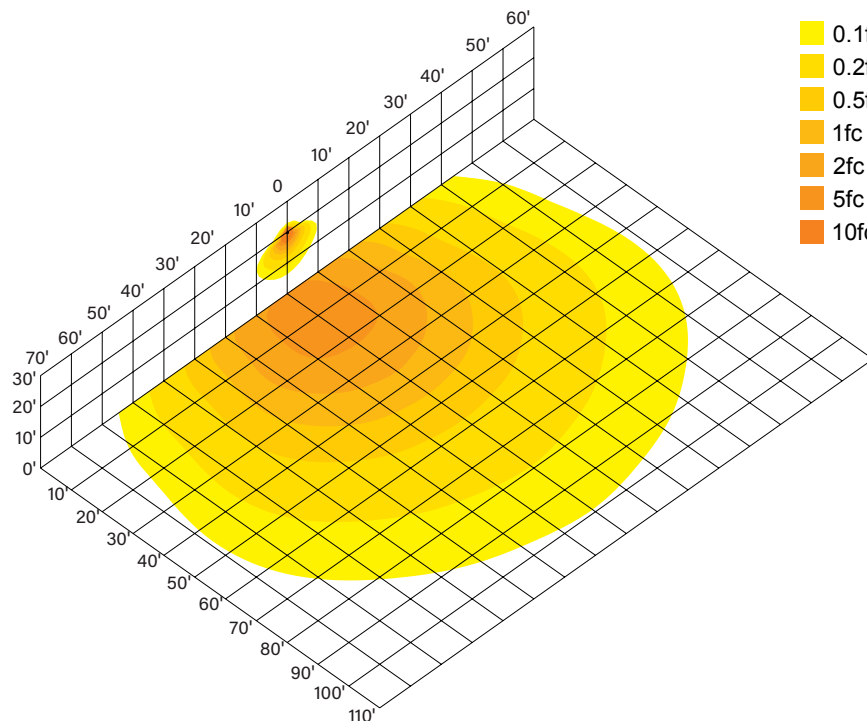
MOUNTING

Side view



LIGHT DISTRIBUTION PATTERN

Isometric view from above; Luminaire mounted at 20'



KT-WPLEDXXPS-X4-8CSB-VDIM

TRADITIONAL-SLIM LED WALL PACK

ACCESSORIES

SENSORS

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

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/MW3	KTS-MW3-UV-KO-K1	Microwave sensor kit Includes 120-277V input to 12V DC convertor & 12V input sensor head Bi-level control with adjustable hold time, dim level, and standby time Installs via 1/2" KO	843654134147	BKG-51



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

* For factory installation of accessory, add suffix to fixture part number (see ordering examples and instructions on last page of spec sheet).

MOUNTS AND BRACKETS

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

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	-	KT-WPLED-BP-M	Wall mount pack plate Used on medium housings Covers legacy style large HID housing dimensions Bronze	843654130613	CCJ-21



Back Plate
KT-WPLED-BP-M

SURGE PROTECTORS

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

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/10KV	KTSP-10KV-C	External surge protector Compact design Parallel wiring 120-277V input Max peak protection (10kV, 10kA)	843654129204	BUU-26

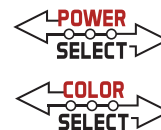


External Surge Protector
KTSP-10KV-C

* 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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KT-WPLEDXXPS-X4-8CSB-VDIM

TRADITIONAL-SLIM LED WALL PACK

ACCESSORIES (CONTINUED)

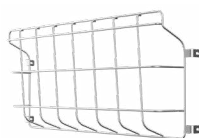
WIRE GUARDS

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

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	-	KT-WPLED-WG-M4-KIT	Wire guard Medium housing	843654164496	GWK-39
	-	KT-WPLED-WG-L4-KIT	Wire guard Large housing	843654164502	VAV-23



Wire Guard
KT-WPLED-WG-M4-KIT



Wire Guard
KT-WPLED-WG-L4-KIT

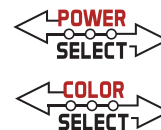


ORDERING INFORMATION

CATALOG NUMBER	UPC	EASY CODE	DLC PRODUCT ID
KT-WPLED35PS-M4-8CSB-VDIM	843654155524	RKA-78	S-V0YXPZ
KT-WPLED35PS-M4-8CSB-VDIM /TAA	843654158730	BQC-61	
KT-WPLED55PS-M4-8CSB-VDIM	843654155531	YZT-68	S-IRMB5P
KT-WPLED55PS-M4-8CSB-VDIM /TAA	843654158747	BHV-30	
KT-WPLED80PS-M4-8CSB-VDIM	843654155548	UCX-21	S-4GY3DL
KT-WPLED80PS-M4-8CSB-VDIM /TAA	843654158754	MLX-00	
KT-WPLED120PS-L4-8CSB-VDIM	843654155555	XCB-90	S-1L09M4
KT-WPLED120PS-L4-8CSB-VDIM /TAA	843654158761	HUL-17	



XFIT



KT-WPLEDXXPS-X4-8CSB-VDIM

TRADITIONAL-SLIM LED WALL PACK

CATALOG NUMBER BREAKDOWN

KT-WPLEDXXPS-X4-8CSB-VDIM

1	2	3	4	5	6	7	8	9	10	11	12	13
1 Keystone Technologies	2 Fixture Type	3 LED Lamp	4 Max Wattage	5 Power Select	6 Size	7 Style	8 CRI	9 Color Select	10 Color Select Designation	11 Dimming	12 Accessories (see below for details)	13 TAA Compliant
	WP Wall Pack				M Medium L Large	4 Traditional-Slim	8 > 80		B 3000/4000/5000K	VDIM 0-10V		/TAA Made in Mexico

ORDERING EXAMPLES

FIXTURE WITH SINGLE FACTORY-INSTALLED ACCESSORY

KT-WPLED35PS-M4-8CSB-VDIM /MW3

FIXTURE WITH NO FACTORY-INSTALLED ACCESSORIES

KT-WPLED35PS-M4-8CSB-VDIM

KEYSTONE FIXTURE

CATALOG NUMBER

KT-WPLED35-M4-8CSB-VDIM

SENSORS

✓	SUFFIX	CATALOG NUMBER
✓	/MW3	KTS-MW3-UV-KO-K1

* When ordering more than one factory-installed accessory, use multiple suffixes as shown in the ordering examples above.

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