

KT-WPLEDXXPS-X1-8CSB-VDIM-X

TRADITIONAL LED WALL PACK

DESCRIPTION

Traditional LED Wall Pack | Power Select | Color Select | 120-277V Input
Medium or Large Housing | Bronze or White 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)
- Traditional design matches appearance, footprint, and light distribution pattern of legacy HID fixtures. 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
- 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
- Powered by Keystone 0-10V dimming LED drivers

- Ambient operating temperature: -40°C/-40°F to 50°C/122°F
- UL Certified for wet locations; IP65 rated
- Fixture impact rating IK04
- Power factor: > 0.90
- 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**

PERFORMANCE SPECIFICATIONS OVERVIEW

Catalog Number	Preset Wattage	Preset CCT	Lumens	Efficacy	Input Voltage	Dimmable	CRI	Housing Color	Lifetime
KT-WPLED120PS-L1-8CSB-VDIM	120W	5000K	17,680	147 lm/W	120-277V	0-10V	>80	Bronze	50,000hrs
KT-WPLED120PS-L1-8CSB-VDIM-W	120W	5000K	17,680	147 lm/W	120-277V	0-10V	>80	White	50,000hrs
KT-WPLED80PS-M1-8CSB-VDIM	80W	5000K	12,050	151 lm/W	120-277V	0-10V	>80	Bronze	50,000hrs
KT-WPLED80PS-M1-8CSB-VDIM-W	80W	5000K	12,050	151 lm/W	120-277V	0-10V	>80	White	50,000hrs
KT-WPLED55PS-M1-8CSB-VDIM	55W	5000K	8,310	151 lm/W	120-277V	0-10V	>80	Bronze	50,000hrs
KT-WPLED55PS-M1-8CSB-VDIM-W	55W	5000K	8,310	151 lm/W	120-277V	0-10V	>80	White	50,000hrs
KT-WPLED35PS-M1-8CSB-VDIM	35W	5000K	5,360	153 lm/W	120-277V	0-10V	>80	Bronze	50,000hrs
KT-WPLED35PS-M1-8CSB-VDIM-W	35W	5000K	5,360	153 lm/W	120-277V	0-10V	>80	White	50,000hrs

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

KT-WPLEDXXPS-X1-8CSB-VDIM-X

TRADITIONAL LED WALL PACK

PERFORMANCE SPECIFICATIONS DETAILED

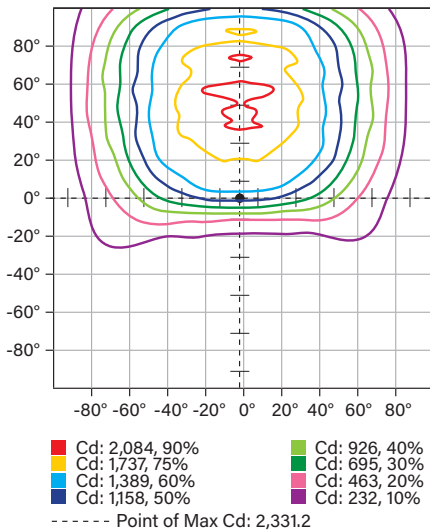
Catalog Number	Selectable Wattage	Selectable CCT	Lumens	Efficacy	Input Voltage	Dimmable	CRI	Housing Color
KT-WPLED120PS-L1-8CSB-VDIM KT-WPLED120PS-L1-8CSB-VDIM-W	120W	3000K	17,400	145 lm/W	120-277V	0-10V	>80	Bronze and White available
		4000K	18,560	155 lm/W				
		5000K	17,680	147 lm/W				
	100W	3000K	14,620	146 lm/W				
		4000K	15,630	156 lm/W				
		5000K	14,920	149 lm/W				
	80W	3000K	11,940	149 lm/W				
		4000K	12,740	159 lm/W				
		5000K	12,180	152 lm/W				
KT-WPLED80PS-M1-8CSB-VDIM KT-WPLED80PS-M1-8CSB-VDIM-W	80W	3000K	11,600	145 lm/W	120-277V	0-10V	>80	Bronze and White available
		4000K	12,590	157 lm/W				
		5000K	12,050	151 lm/W				
	70W	3000K	10,150	145 lm/W				
		4000K	11,150	159 lm/W				
		5000K	10,660	152 lm/W				
	55W	3000K	7,970	145 lm/W				
		4000K	8,710	158 lm/W				
		5000K	8,650	157 lm/W				
KT-WPLED55PS-M1-8CSB-VDIM KT-WPLED55PS-M1-8CSB-VDIM-W	55W	3000K	8,270	150 lm/W	120-277V	0-10V	>80	Bronze and White available
		4000K	8,710	158 lm/W				
		5000K	8,310	151 lm/W				
	45W	3000K	6,880	153 lm/W				
		4000K	7,180	160 lm/W				
		5000K	6,920	154 lm/W				
	35W	3000K	5,470	156 lm/W				
		4000K	5,620	161 lm/W				
		5000K	5,440	155 lm/W				
KT-WPLED35PS-M1-8CSB-VDIM KT-WPLED35PS-M1-8CSB-VDIM-W	35W	3000K	5,130	147 lm/W	120-277V	0-10V	>80	Bronze and White available
		4000K	5,440	155 lm/W				
		5000K	5,360	153 lm/W				
	25W	3000K	3,880	155 lm/W				
		4000K	3,910	156 lm/W				
		5000K	3,900	156 lm/W				
	15W	3000K	2,360	157 lm/W				
		4000K	2,370	158 lm/W				
		5000K	2,360	157 lm/W				

KT-WPLEDXXPS-X1-8CSB-VDIM-X

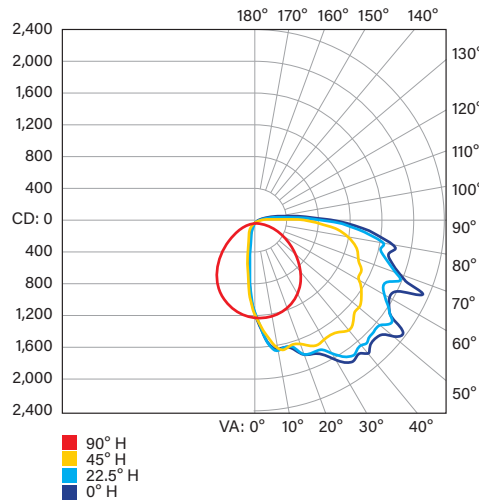
TRADITIONAL LED WALL PACK

PHOTOMETRIC SPECIFICATIONS (KT-WPLED35PS-M1-8CSB-VDIM & KT-WPLED35PS-M1-8CSB-VDIM-W)

ISOCANDELA PLOT



POLAR CANDELA DISTRIBUTION

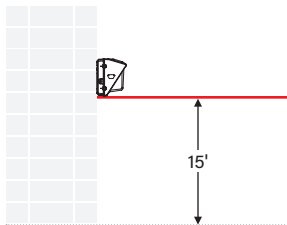


ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Forward Light	4225.6 lm	81.6%
0°-30°	651.8 lm	12.6%
30°-60°	1813.7 lm	35.0%
60°-80°	1268.5 lm	24.5%
80°-90°	491.6 lm	9.5%
Back Light	445.1 lm	8.6%
0°-30°	189.8 lm	3.7%
30°-60°	1871 lm	3.6%
60°-80°	571 lm	1.1%
80°-90°	11.1 lm	0.2%
Up Light	506.7 lm	9.8%
90°-180°	248.3 lm	4.8%
100°-180°	258.4 lm	5.0%

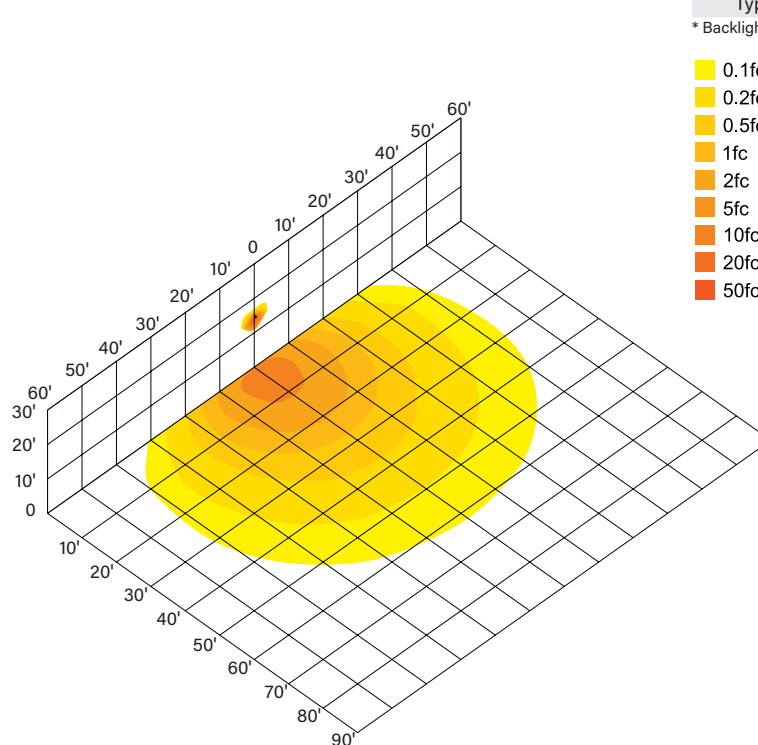
MOUNTING

Side view



LIGHT DISTRIBUTION PATTERN

Isometric view from above; Luminaire mounted at 15'



BUG* Rating

Asymmetrical Luminaire Types

Type I, II, III, IV B1 U3 G3

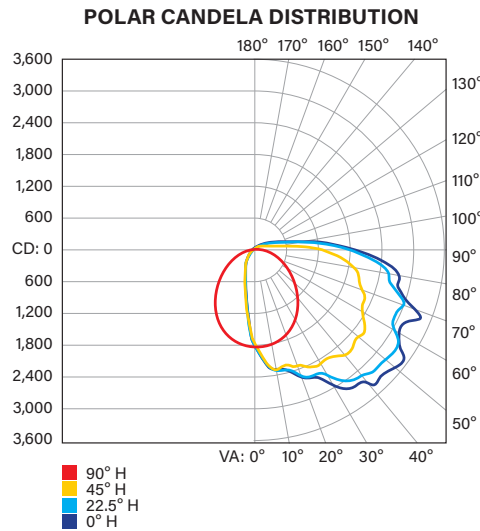
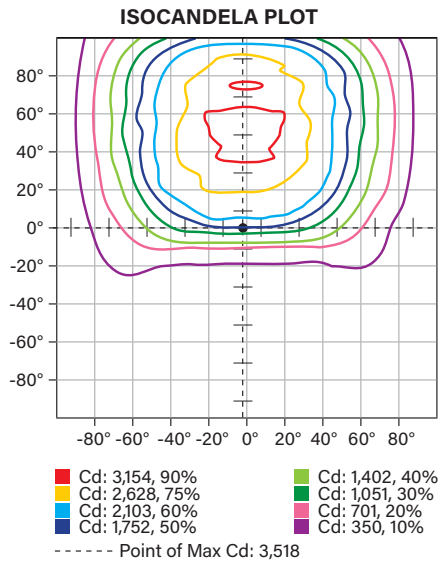
Quadrilateral Symmetrical Luminaire Types

Type V, Area Light B1 U3 G3

* Backlight, Uplight, Glare

KT-WPLEDXXPS-X1-8CSB-VDIM-X
TRADITIONAL LED WALL PACK

PHOTOMETRIC SPECIFICATIONS (KT-WPLED55PS-M1-8CSB-VDIM & KT-WPLED55PS-M1-8CSB-VDIM-W)

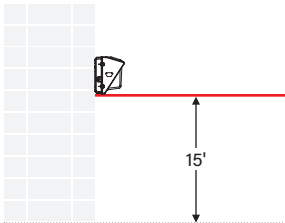


Zone	Lumens	% Luminaire
Forward Light	6555.7 lm	81.5%
0°-30°	994.0 lm	12.3%
30°-60°	2799.4 lm	34.7%
60°-80°	1982.5 lm	24.6%
80°-90°	779.8 lm	9.9%
Back Light	623.2 lm	7.7%
0°-30°	248.8 lm	3.1%
30°-60°	273.9 lm	3.4%
60°-80°	84.0 lm	1.0%
80°-90°	16.5 lm	0.2%
Up Light	865.6 lm	10.8%
90°-180°	449.4 lm	5.6%
100°-180°	416.2 lm	5.2%

BUG* Rating	
Asymmetrical Luminare Types	
Type I, II, III, IV	B1 U3 G5
Quadrilateral Symmetrical Luminare Types	
Type V, Area Light	B1 U3 G5

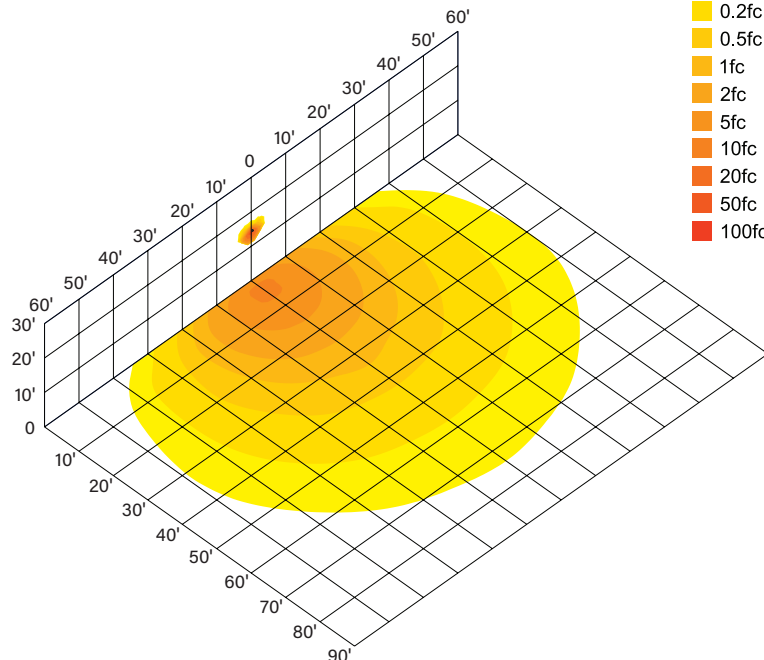
MOUNTING

Side view



LIGHT DISTRIBUTION PATTERN

Isometric view from above; Luminaire mounted at 15'

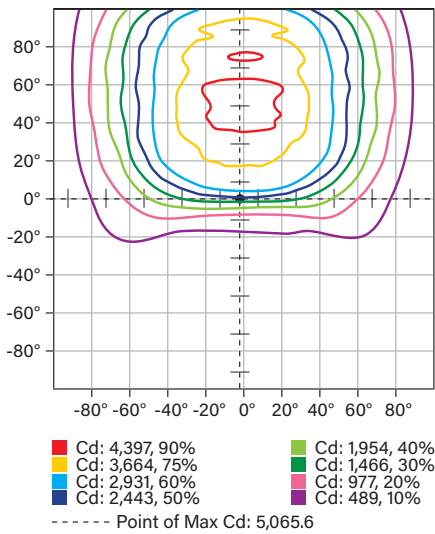


KT-WPLEDXXPS-X1-8CSB-VDIM-X

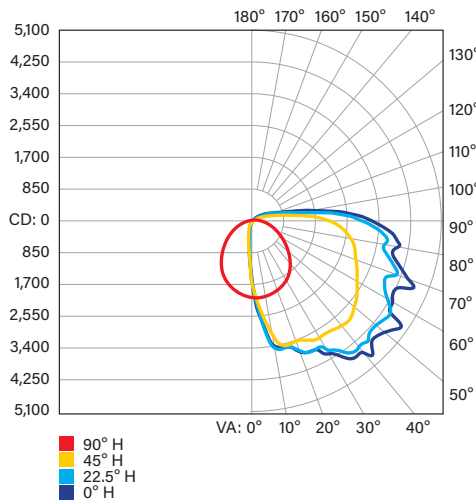
TRADITIONAL LED WALL PACK

PHOTOMETRIC SPECIFICATIONS (KT-WPLED80PS-M1-8CSB-VDIM & KT-WPLED80PS-M1-8CSB-VDIM-W)

ISOCANDELA PLOT



POLAR CANDELA DISTRIBUTION

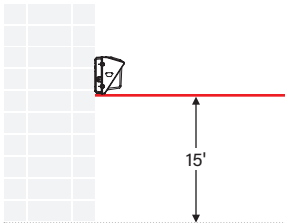


ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Forward Light	9220.3 lm	81.1%
0°-30°	1378.3 lm	12.1%
30°-60°	3899.2 lm	34.3%
60°-80°	2767.7 lm	24.4%
80°-90°	1175.1 lm	10.3%
Back Light	813 lm	7.2%
0°-30°	319.3 lm	2.8%
30°-60°	358.6 lm	3.2%
60°-80°	112.1 lm	1.0%
80°-90°	23.0 lm	0.2%
Up Light	1320.4 lm	11.7%
90°-180°	700.3 lm	6.2%
100°-180°	620.1 lm	5.5%

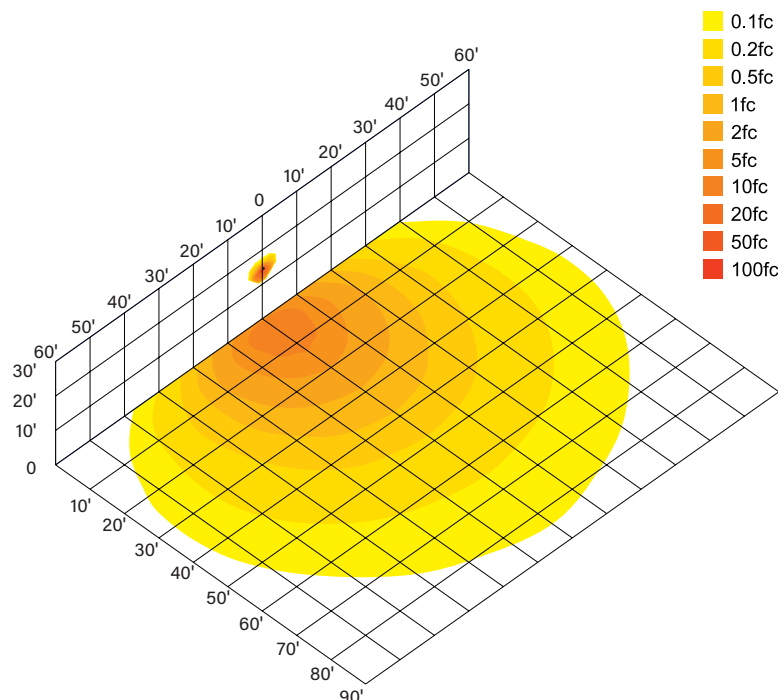
MOUNTING

Side view



LIGHT DISTRIBUTION PATTERN

Isometric view from above; Luminaire mounted at 15'



BUG* Rating

Asymmetrical Luminaire Types

Type I, II, III, IV B1 U4 G5

Quadrilateral Symmetrical Luminaire Types

Type V, Area Light B1 U4 G5

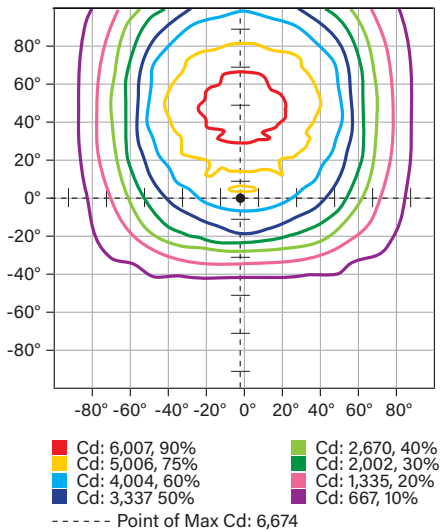
* Backlight, Uplight, Glare

KT-WPLEDXXPS-X1-8CSB-VDIM-X

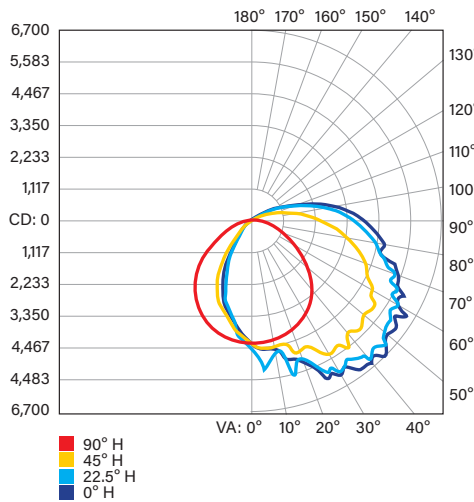
TRADITIONAL LED WALL PACK

PHOTOMETRIC SPECIFICATIONS (KT-WPLED120PS-L1-8CSB-VDIM & KT-WPLED120PS-L1-8CSB-VDIM-W)

ISOCANDELA PLOT



POLAR CANDELA DISTRIBUTION

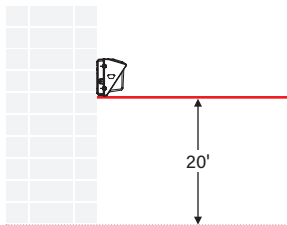


ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Forward Light	12858.1 lm	71.4%
0°-30°	2076.2 lm	11.5%
30°-60°	5634.1 lm	31.3%
60°-80°	3724.2 lm	20.7%
80°-90°	1423.6 lm	7.9%
Back Light	2792 lm	15.6%
0°-30°	1304.6 lm	7.3%
30°-60°	1216.6 lm	6.8%
60°-80°	233.5 lm	1.3%
80°-90°	37.3 lm	0.2%
Up Light	2328.1 lm	12.9%
90°-180°	1061.1 lm	5.9%
100°-180°	1267.0 lm	7.0%

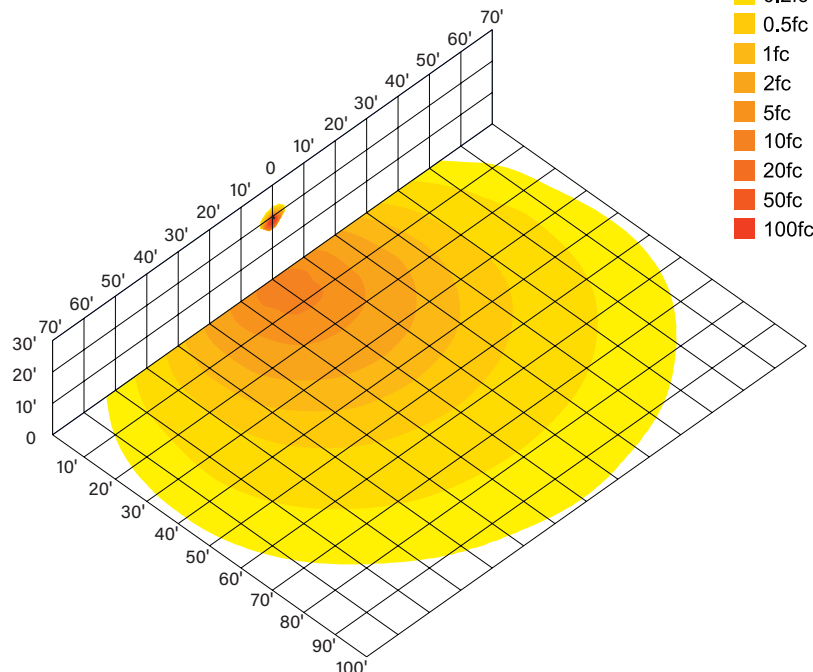
MOUNTING

Side view



LIGHT DISTRIBUTION PATTERN

Isometric view from above; Luminaire mounted at 20'



0.1fc
0.2fc
0.5fc
1fc
2fc
5fc
10fc
20fc
50fc
100fc

* Backlight, Uplight, Glare

BUG* Rating

Asymmetrical Luminaire Types

Type I, II, III, IV B3 U5 G5

Quadrilateral Symmetrical Luminaire Types

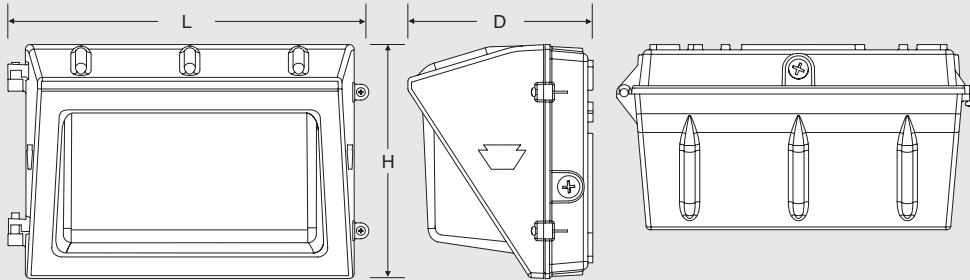
Type V, Area Light B3 U5 G5

KT-WPLEDXXPS-X1-8CSB-VDIM-X

TRADITIONAL LED WALL PACK

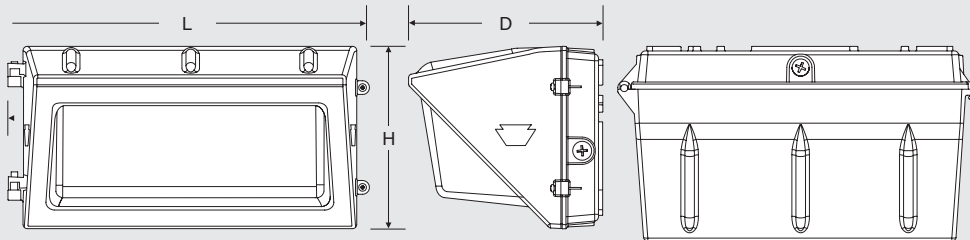
PHYSICAL SPECIFICATIONS

KT-WPLEDXXPS-M1-8CSB-VDIM-X



KT-WPLEDXXPS-M1-8CSB-VDIM-X	
L (Length)	14.36"
H (Height)	9.38"
D (Depth)	7.33"

KT-WPLED120PS-L1-8CSB-VDIM-X



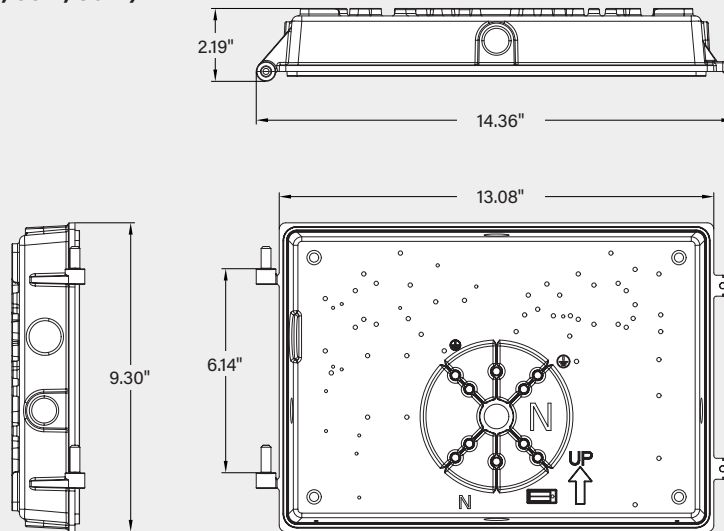
KT-WPLED120PS-L1-8CSB-VDIM-X	
L (Length)	17.88"
H (Height)	9.02"
D (Depth)	9.59"

KT-WPLEDXXPSHV-X1-8CSB-VDIM

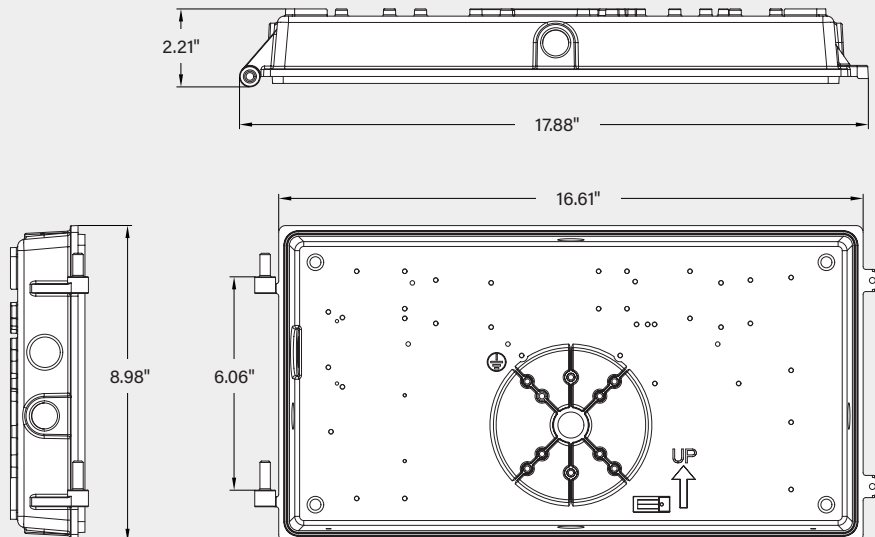
TRADITIONAL LED WALL PACK

PHYSICAL SPECIFICATIONS (continued)

MEDIUM BACKPLATE (35W, 55W, 80W)



LARGE BACKPLATE (120W)

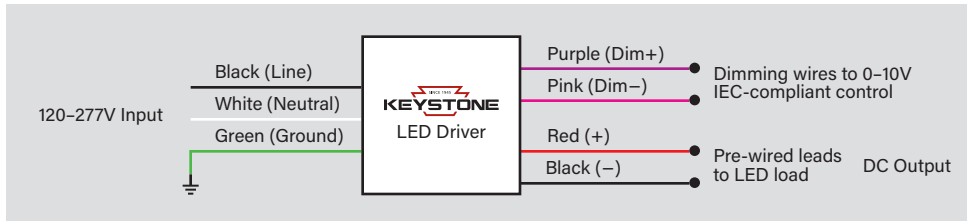


KT-WPLEDXXPS-X1-8CSB-VDIM-X

TRADITIONAL 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

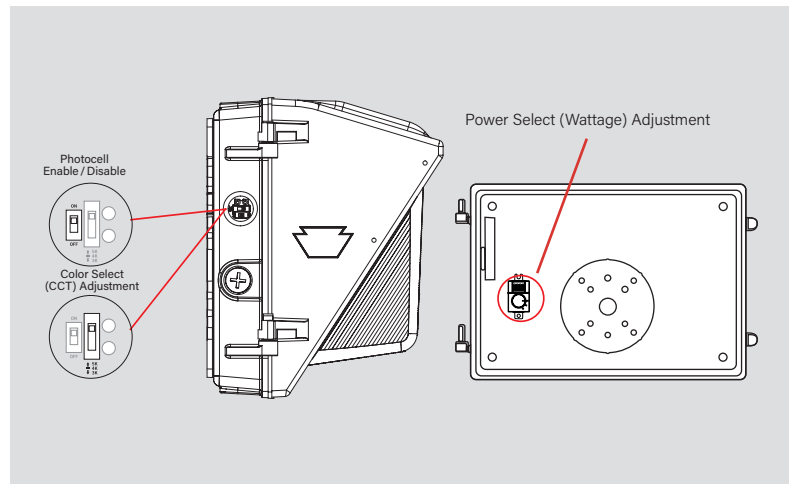
This fixture is equipped with a dusk-to-dawn photocell behind the translucent knock-out (KO) cover. Adjust the dip switch to enable (ON) or disable (OFF) the photocell function (see illustrations to the right). Fixture comes preset with photocell enabled unless otherwise noted.

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

This fixture is equipped with Power Select technology. There is an adjustable dial inside the fixture housing to change the wattage (see illustrations to the right). Fixture comes preset to highest wattage unless otherwise noted.



KT-WPLEDXXPS-X1-8CSB-VDIM-X

TRADITIONAL LED WALL PACK

ACCESSORIES

SENSORS/CONTROLLERS

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/BRACKETS

Field-Installable (field-installable 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

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

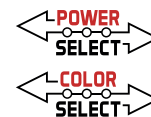
SURGE PROTECTORS

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



KT-WPLEDXXPS-X1-8CSB-VDIM-X

TRADITIONAL LED WALL PACK

ORDERING INFORMATION

Catalog Number	UPC	Easy Code	DLC Product ID
KT-WPLED120PS-L1-8CSB-VDIM	843654177458	BST-64	S-P9GC87
KT-WPLED120PS-L1-8CSB-VDIM /TAA	TBD	TBD	
KT-WPLED120PS-L1-8CSB-VDIM-W	843654177465	UDF-33	
KT-WPLED120PS-L1-8CSB-VDIM-W /TAA	TBD	TBD	
KT-WPLED80PS-M1-8CSB-VDIM	843654177434	RZA-94	S-YKKHVZ
KT-WPLED80PS-M1-8CSB-VDIM /TAA	TBD	TBD	
KT-WPLED80PS-M1-8CSB-VDIM-W	843654177441	DVR-99	
KT-WPLED80PS-M1-8CSB-VDIM-W /TAA	TBD	TBD	
KT-WPLED55PS-M1-8CSB-VDIM	843654177410	TZY-02	S-J8HQRK
KT-WPLED55PS-M1-8CSB-VDIM /TAA	TBD	TBD	
KT-WPLED55PS-M1-8CSB-VDIM-W	843654177427	FBS-86	
KT-WPLED55PS-M1-8CSB-VDIM-W /TAA	TBD	TBD	
KT-WPLED35PS-M1-8CSB-VDIM	843654177397	XIY-44	S-4WYSM1
KT-WPLED35PS-M1-8CSB-VDIM /TAA	TBD	TBD	
KT-WPLED35PS-M1-8CSB-VDIM-W	843654177403	YMH-94	
KT-WPLED35PS-M1-8CSB-VDIM-W /TAA	TBD	TBD	

CATALOG NUMBER BREAKDOWN

KT-WPLEDXXPS-X1-8CSB-VDIM-X

1	2	3	4	5	6	7	8	9	10	11	12
1 Keystone Technologies	2 Wall Pack LED Fixture	3 Max Wattage	4 Power Select	5 Size	6 Style	7 80 CRI	8 Color Select	9 Color Select Designation	10 0-10V Dimming	11 Housing Color	12 TAA Compliant
		3 Wattage									
		35	35/25/15W								
		55	55/45/35W								
		80	80/70/55W								
		120	120/100/80W								
		5 Size									
		M	Medium								
		L	Large								
		6 Style									
		1	Traditional								
		9 Color Select Designation									
		B	3000/4000/5000K								
		12 TAA Compliant									
		/TAA	Made in Mexico								

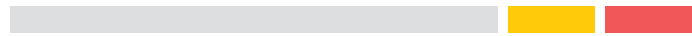
KT-WPLEDXXPS-X1-8CSB-VDIM-X

TRADITIONAL LED WALL PACK

ORDERING EXAMPLES

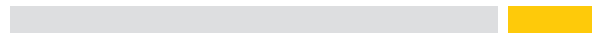
FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES*

KT-WPLED35PS-M1-8CSB-VDIM /MW3/10KV



FIXTURE WITH SINGLE FACTORY-INSTALLED ACCESSORY

KT-WPLED35PS-M1-8CSB-VDIM /MW3



FIXTURE WITH NO FACTORY-INSTALLED ACCESSORIES

KT-WPLED35PS-M1-8CSB-VDIM



* 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.

KEYSTONE FIXTURE

Catalog number

KT-WPLED35-M1-8CSB-VDIM

SENSORS/CONTROLLERS

✓	Suffix*	Catalog number
	/MW3	KTS-MW3-UV-KO-K1

SURGE PROTECTORS

✓	Suffix*	Catalog number
	/10KV	KTSP-10KV-C