



# KT-WPLED80-M1-8CSB-VDIM

## TRADITIONAL 80W NON-CUTOFF LED WALL PACK

### DESCRIPTION

Traditional 80W Non-Cutoff LED Wall Pack | 120–277V Input | 3000–5000K | Medium-Size Bronze Housing | Glass Lens

### APPLICATION

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



### PRODUCT FEATURES

- Traditional design matches appearance and light distribution pattern of legacy HID, optimized for one-for-one replacements
- Heavy-duty, die-cast aluminum housing with (5) available 1/2" threaded conduit hubs: (1) on back and (1) on all four sides
- Powered by Keystone 0–10V dimming LED drivers
- Keystone Color Select Technology: Adjustable CCT (3000K, 4000K, or 5000K)
- 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: –20°C/–4°F to 45°C/113°F
- UL listed for wet locations, IP65
- 0–10V dimming, 10% min
- 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

### ELECTRICAL SPECIFICATIONS

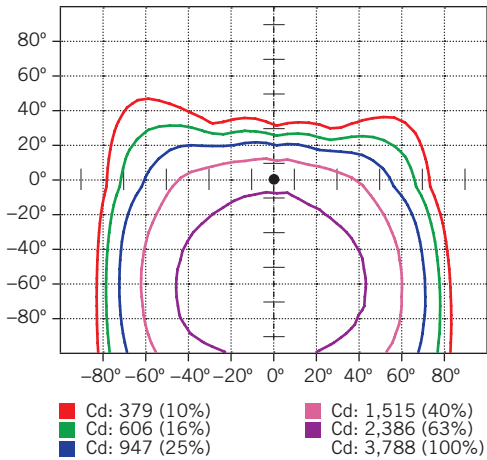
Catalog Number	Wattage	Lumens	Lumens Below 90°	Dimming	CCT*	Efficacy	CRI	Housing Color	Input Voltage	Rated Life	Legacy Equivalent
KT-WPLED80-M1-8CSB-VDIM	80W	11200 lm	9180 lm	0–10V	3000K	140 lm/W	>80	Bronze	120–277V	50,000 hrs	250–320W MH
		11600 lm	9510 lm		4000K	145 lm/W					
		10800 lm	8855 lm		5000K	135 lm/W					

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

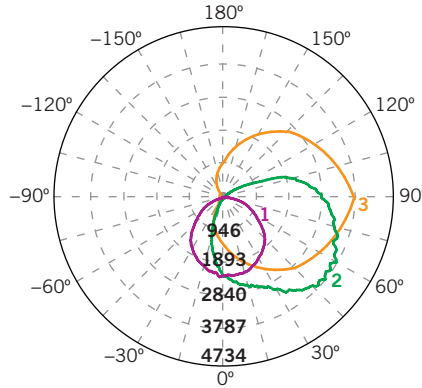
**KT-WPLED80-M1-8CSB-VDIM**  
TRADITIONAL 80W NON-CUTOFF LED WALL PACK

**PHOTOMETRIC SPECIFICATIONS**

**ISOCANDELA PLOT**



**LUMINOUS INTENSITY DISTRIBUTION**



Average diffuse angle (50%): **111.4°**  
**1** Violet C0-C180  
**2** Green C90-C270  
**3** Orange G51  
 Unit: cd

**FLUX DISTRIBUTION**

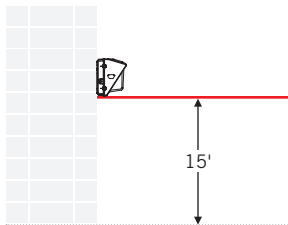
Zone	Lumens	% Luminaire
<b>Forward Light</b>	7,392 lm	68.0%
0°-30°	1,054 lm	9.7%
30°-60°	3,020 lm	27.8%
60°-80°	2,312 lm	21.3%
80°-90°	1,005 lm	9.2%
<b>Back Light</b>	1,499 lm	13.8%
0°-30°	633 lm	5.8%
30°-60°	652 lm	6.0%
60°-80°	184 lm	1.7%
80°-90°	29 lm	0.3%
<b>Up Light</b>	1,982 lm	18.2%
90°-100°	830 lm	7.6%
100°-180°	1,151 lm	10.6%

BUG* Rating	
<b>Asymmetrical Luminaire Types</b>	
Type I, II, III, IV	B2 U5 G5
<b>Quadrilateral Symmetrical Luminaire Types</b>	
Type V, Area Light	B2 U5 G5

\* Backlight, Uplight, Glare

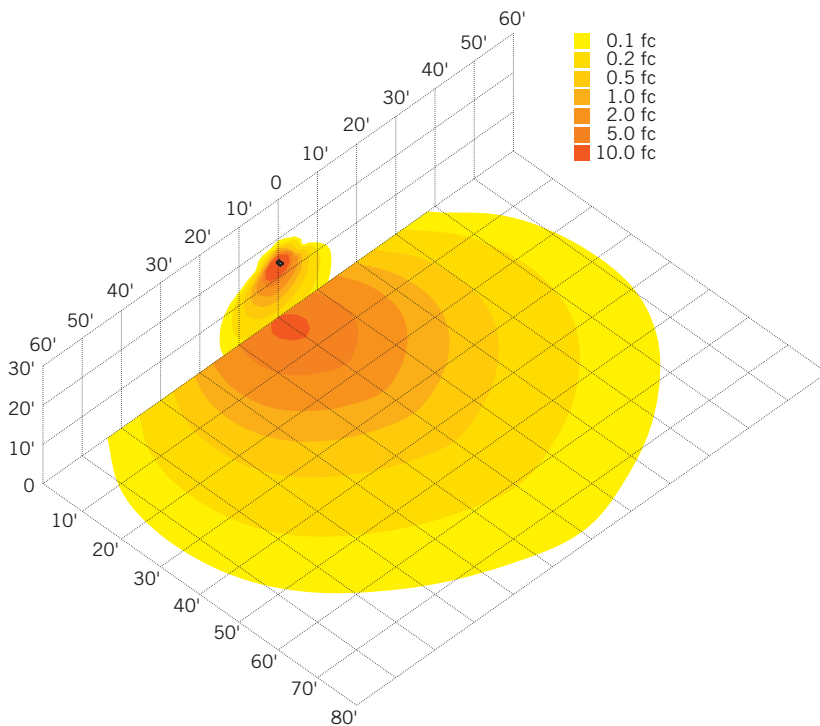
**MOUNTING**

Side view



**LIGHT DISTRIBUTION PATTERN**

Isometric view from above; Luminaire mounted at 15'

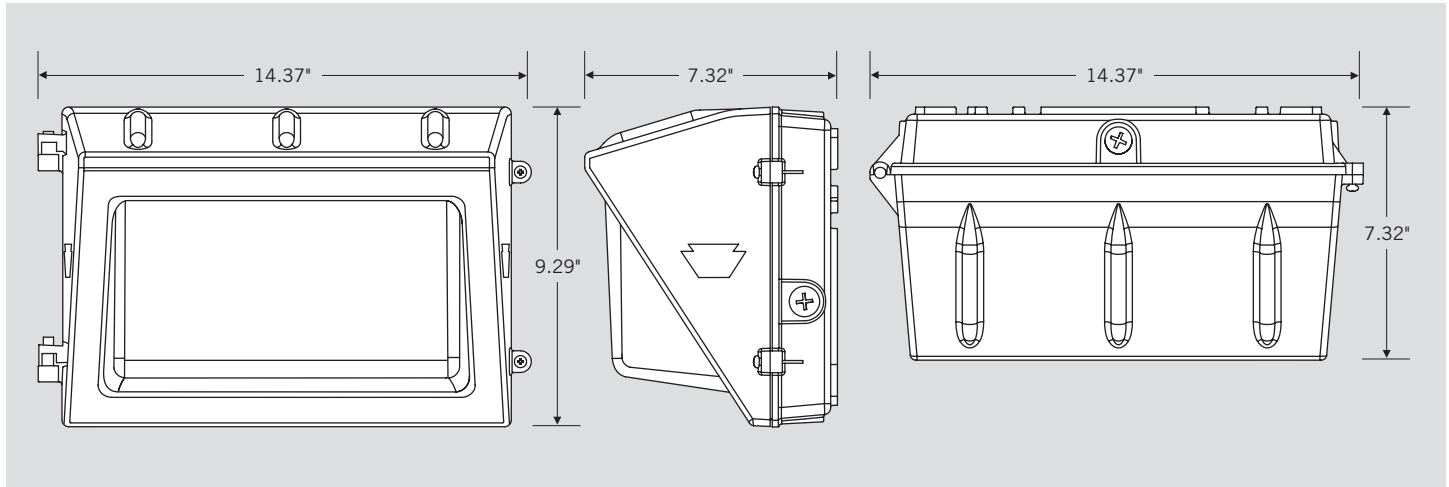




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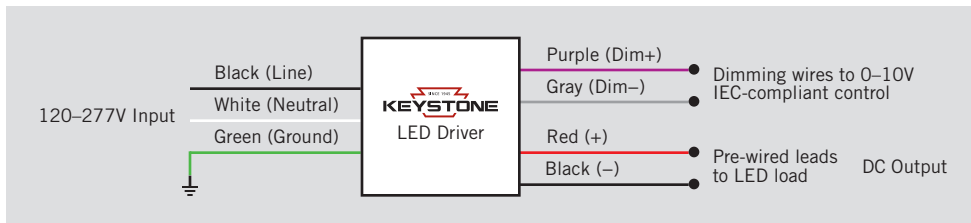
## TRADITIONAL 80W NON-CUTOFF LED WALL PACK

### PHYSICAL SPECIFICATIONS



### GENERAL SETUP INSTRUCTIONS

#### GENERAL WIRING DIAGRAM



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

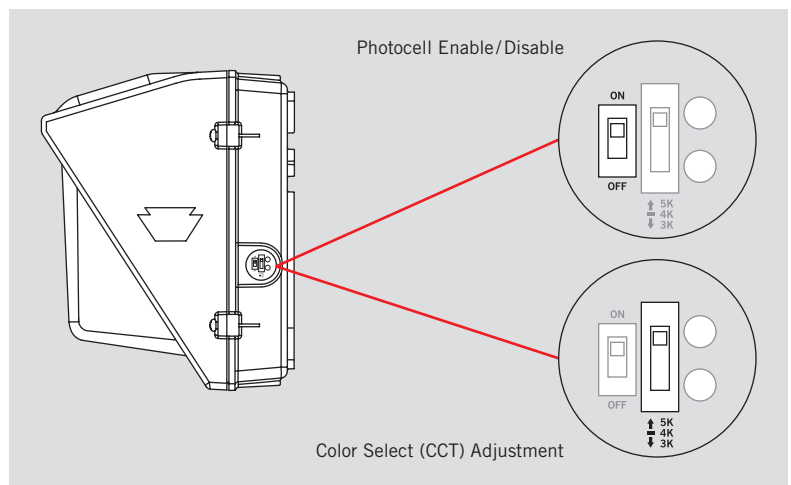
**Caution:** The electrical rating of this product is 120-277V. Installer must confirm that there is 120-277V at the fixture before installation.

#### 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.

#### 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.





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**ACCESSORY (SOLD SEPARATELY)**

Catalog Number	Description
KTSP-10KV-C	Wallpack 10kV Surge Protector, Compact Design

**ORDERING INFORMATION**

ORDER CODE	PACK QTY.	ITEM STATUS
KT-WPLED80-M1-8CSB-VDIM	1	Quick Ship

**CATALOG NUMBER BREAKDOWN**

# KT-WPLED80-M1-8CSB-VDIM

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

- 1 Keystone Technologies
- 2 Fixture Type
- 3 LED Lamp
- 4 Max Wattage
- 5 Size
- 6 Style
- 7 CRI
- 8 Color
- 9 Color Select Designation
- 10 Dimming

**2 Fixture Type**

F	Flood
WP	Wallpack

**5 Size**

S	Small
M	Medium
L	Large

**6 Style**

1	Non-Cutoff
2	Full-Cutoff

**7 CRI**

8	>80
9	>90

**8 Color**

40	4000K
50	5000K
CS	Color Select

**9 Color Select Designation**

A	3500K, 4000K, 5000K
B	3000K, 4000K, 5000K
C	3000K, 3500K, 4000K, 5000K
D	TBD

**10 Dimming**

VDIM	0-10V
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