KEYSTONE | **XFIT** | **COLOR SELECT**
SINCE 1945
LIGHT MADE EASY

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

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

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

UL CERTIFIED | DLC LISTED PREMIUM | TRUSTED WARRANTY N B NATIONAL LIGHTING BUREAU | **5 YEAR** WARRANTY
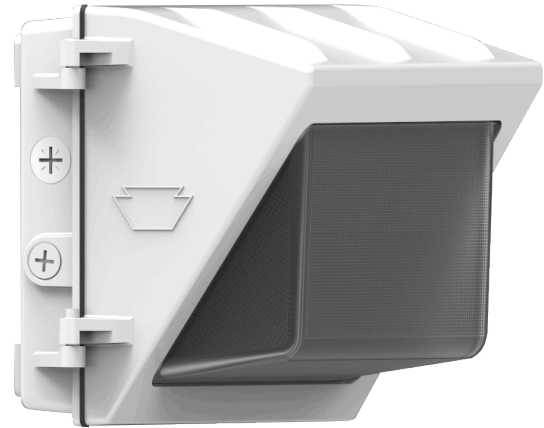
PRODUCT FEATURES
- Keystone Color Select technology (3000/4000/5000K)
- Traditional design that matches appearance and light distribution pattern of legacy HID fixtures. Optimized for one-for-one replacements
- Heavy duty die cast aluminum housing with (5) 1/2" threaded conduit hubs: (1) on back and (1) on all four sides
- 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: –40ºC/–40ºF to 50ºC/122ºF
- UL Certified for wet locations; IP65 rated
- Fixture impact rating IK06
- Power Factor: >0.95
- THD: <20%
- LED chip lifetime: L70 >100,000 hrs @ 25ºC/77ºF ambient fixture temperature
- Meets FCC Part 15, Part B, Class A standards for conducted and radiated emissions
- **Compatible with Keystone LED Emergency Backups. See Accessories page for more details**

PRODUCT SPECIFICATIONS

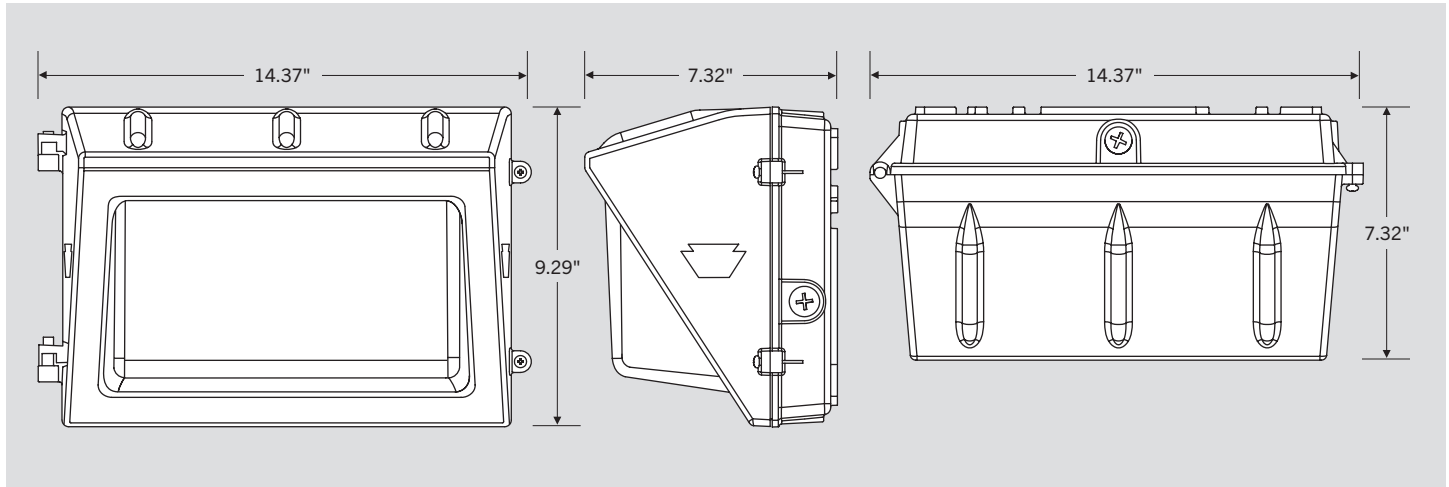| Catalog Number	Wattage	Selectable CCT*	Lumens	Lumens Below 90º	Efficacy	Input Voltage	Dimming	CRI	Rated Life	Legacy Equivalent	Housing Color
KT-WPLED80-M1-8CSB-VDIM-W	80W	3000K	10955	9860	137 lm/W	120–277V	0–10V	>80	50,000 hrs	250–320W MH	White
		4000K	11925	10730	149 lm/W						
		5000K	11360	10225	142 lm/W						

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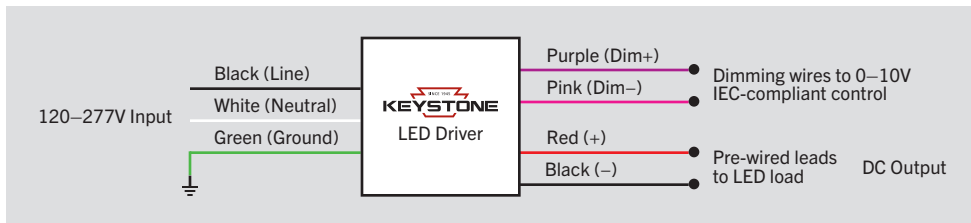

KT-WPLED80-M1-8CSB-VDIM-W
TRADITIONAL NON-CUTOFF LED WALL PACK

PHYSICAL SPECIFICATIONS

14.37" 7.32" 14.37"

9.29" 7.32"

GENERAL SETUP INSTRUCTIONS

GENERAL WIRING DIAGRAM

120–277V Input

Black (Line)
White (Neutral)
Green (Ground)

KEYSTONE
LED Driver

Purple (Dim+)
Pink (Dim–)

Dimming wires to 0–10V
IEC-compliant control

Red (+)
Black (–)

Pre-wired leads
to LED load

DC Output

**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.
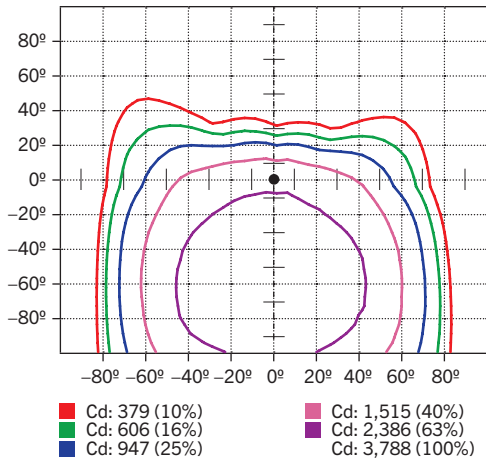

Photocell Enable/Disable
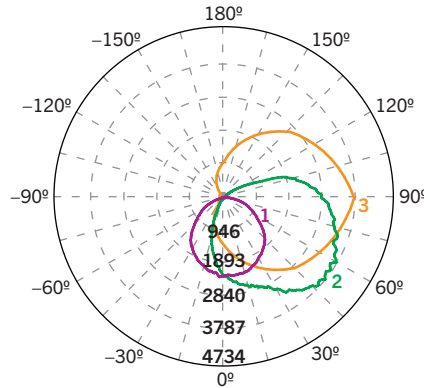
ON
OFF
5K
4K
3K

ON
OFF
5K
4K
3K

Color Select (CCT) Adjustment
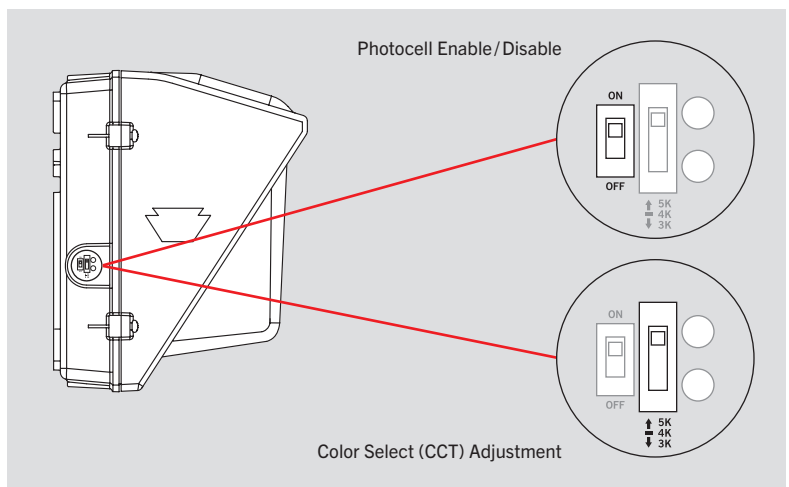
KT-WPLED80-M1-8CSB-VDIM-W
TRADITIONAL NON-CUTOFF LED WALL PACK

PHOTOMETRIC SPECIFICATIONS

ISOCANDELA PLOT

Cd: 379 (10%)
Cd: 606 (16%)
Cd: 947 (25%)
Cd: 1,515 (40%)
Cd: 2,386 (63%)
Cd: 3,788 (100%)

LUMINOUS INTENSITY DISTRIBUTION

946
1893
2840
3787
4734

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

FLUX DISTRIBUTION

Zone	Lumens	% Luminaire
Forward Light	8,671 lm	79.6%
0º–30º	1,281 lm	11.8%
30º–60º	3,696 lm	33.9%
60º–80º	2,660 lm	24.4%
80º–90º	1,035 lm	9.5%
Back Light	1,029 lm	9.5%
0º–30º	409 lm	3.8%
30º–60º	471 lm	4.3%
60º–80º	126 lm	1.2%
80º–90º	23 lm	0.2%
Up Light	1,195 lm	11.0%
90º–100º	551 lm	5.1%
100º–180º	644 lm	5.9%

BUG* Rating	
Asymmetrical Luminare Types	
Type I, II, III, IV	B1 U4 G5
Quadrilateral Symmetrical Luminare Types	
Type V, Area Light	B1 U4 G5

* **B**acklight, **U**plight, **G**lare

MOUNTING
Side view

15'
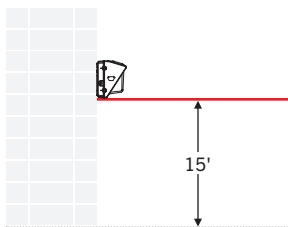
LIGHT DISTRIBUTION PATTERN
Isometric view from above; Luminaire mounted at 15'

0.1 fc
0.2 fc
0.5 fc
1.0 fc
2.0 fc
5.0 fc
10.0 fc
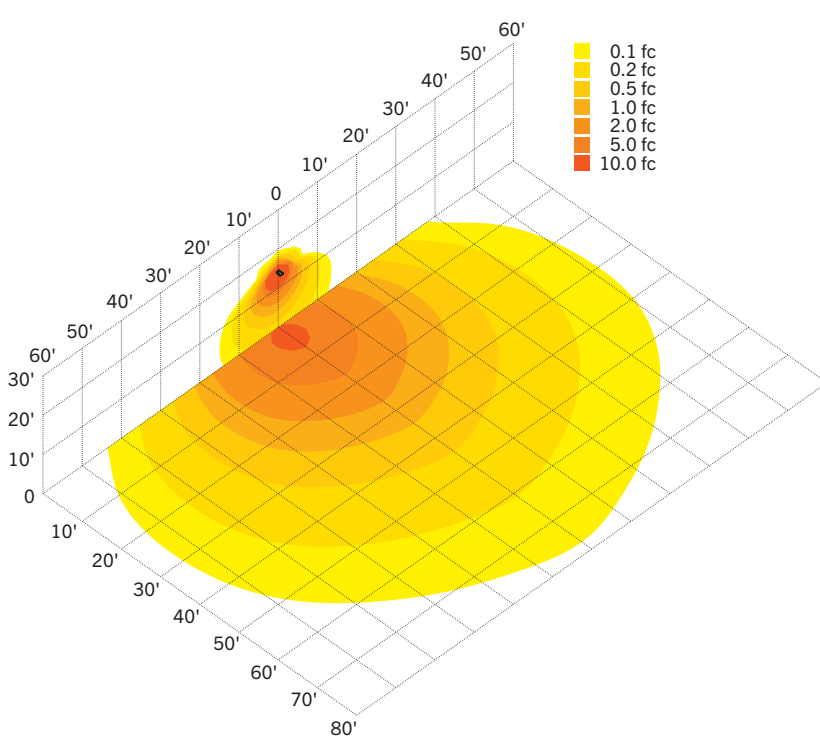
KT-WPLED80-M1-8CSB-VDIM-W
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ACCESSORIES

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, IP65. Bi-Level Control with Adjustable Hold Time, Dim Level and Standby Time. Installs via standard 1/2in 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).

CORD SETS

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

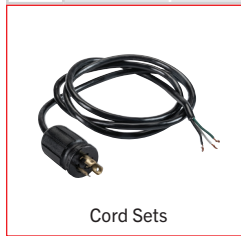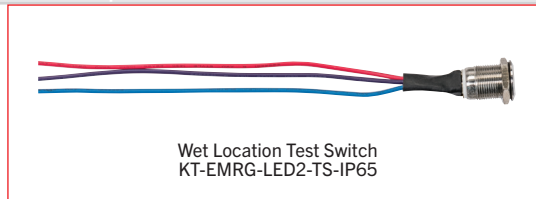| ✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/515P6	KT-CS-515P-6-18/3	Cord set for high bay; 125V NEMA 5-15P; straight blade plug; 6' SJTOW cable; 18/3 wire	843654140124	UKH-26
	/L515P6	KT-CS-L515P-6-16/3	Cord set for high bays; 250V NEMA L5-15P; twist lock plug; 6' SJTOW cable; 16/3 wire	843654140186	POC-82

Cord Sets

* For factory installation of accessory, add suffix to fixture part number (see ordering examples and instructions on last page of spec sheet).
***Note:** For cord sets not listed here, please contact your Keystone sales rep.*

EMERGENCY BACKUP

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

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/EM12	KT-EMRG-LED-12C-1200	LED Emergency Back-Up, 12W Constant Wattage Design. Approx 1200 Lumens. 120-277V Input. Remote Compact Battery Pack. CEC T20 Compliant.	843654103112	OJQ-32
	-	KT-EMRG-LED2-TS-IP65	IP65 Rated Wet Location Test Switch for 5W and 12W CEC Compliant LED Emergency Packs	843654130019	MDB-29

12W, 1200 lumen Battery Backup
KT-EMRG-LED-12C-1200

Wet Location Test Switch
KT-EMRG-LED2-TS-IP65

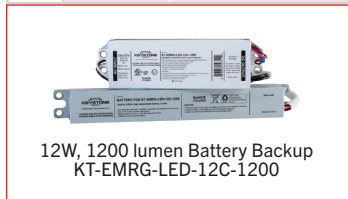** For factory installation of accessory, add suffix to fixture part number (see ordering examples and instructions on last page of spec sheet).*
† Factory installation of emergency backup units will automatically include any relevant mounting bracket.

KEYSTONE

SINCE 1945

LIGHT MADE EASY

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ACCESSORIES (continued)

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).

KT-WPLED80-M1-8CSB-VDIM-W
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ORDERING INFORMATION

CATALOG NUMBER	PACK QTY.	EASY CODE	UPC
KT-WPLED80-M1-8CSB-VDIM-W	1	VTP-56	843654133799

CATALOG NUMBER BREAKDOWN

KT-WPLED80-M1-8CSB-VDIM-W
1 2 3 4 5 6 7 8 9 10 11 12

1 **Keystone Technologies**
2 **Fixture Type**
3 **LED Lamp**
4 **Wattage**
5 **Size**
6 **Style**
7 **CRI**
8 **Color Select**
9 **Color Select Designation**
10 **Dimming**
11 **Housing Colors**
12 **Accessories** *(see below for details)*

2 Fixture Type

WP	Wallpack

7 CRI

8	>80

5 Size

M	Medium

9 Color Select Designation

B	3000/4000/5000K

6 Style

1	Non-Cutoff

10 Dimming

VDIM	0—10V

11 Housing Color

W	White

ORDERING EXAMPLES

FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES*

KT-WPLED80-M1-8CSB-VDIM-W /MW3/515P6/EM12

FIXTURE WITH SINGLE FACTORY-INSTALLED ACCESSORY

KT-WPLED80-M1-8CSB-VDIM-W /MW3

FIXTURE WITH NO FACTORY-INSTALLED ACCESSORIES

KT-WPLED80-M1-8CSB-VDIM-W

* 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-WPLED80-M1-8CSB-VDIM-W

SENSORS

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

CORD SETS

✓	SUFFIX	CATALOG NUMBER
✓	/515P6	KT-CS-515P-6-18/3

EMERGENCY BACKUP

✓	SUFFIX	CATALOG NUMBER
✓	/EM12	KT-EMRG-LED-12C-1200