



KT-WPLED40-M2-8XX-VDIM

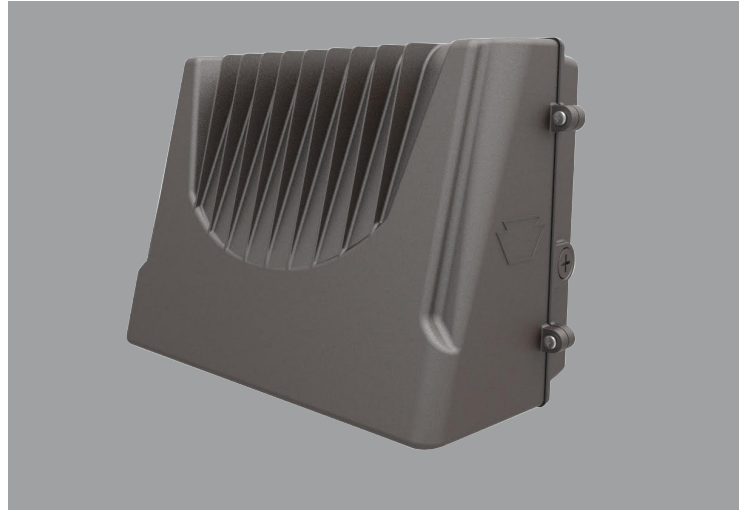
ARCHITECTURAL 40W FULL-CUTOFF LED WALL PACK

DESCRIPTION

Architectural 40W Full-Cutoff LED Wall Pack | 120–277V Input | 4000–5000K | Medium-Size Bronze Housing | Wide Optic Lens

APPLICATION

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



PRODUCT FEATURES

- Architectural full-cutoff design improves the appearance of building exteriors and optimizes functional light distribution
- Heavy-duty, die-cast aluminum housing features modern aesthetics while retaining (5) available 1/2" threaded conduit hubs: (1) on back and (1) on all four sides
- Powered by Keystone 0–10V dimming LED drivers
- Dark Sky friendly performance, eliminates undesirable sky glow and glare
- Features one translucent 3/4" threaded plug with anti-yellowing agent for use with photocell accessory KT-WPLED-PS-UV-KO
- Precision-crafted optical lens provides wide distribution pattern ideal for increased fixture spacing and uniformity
- 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

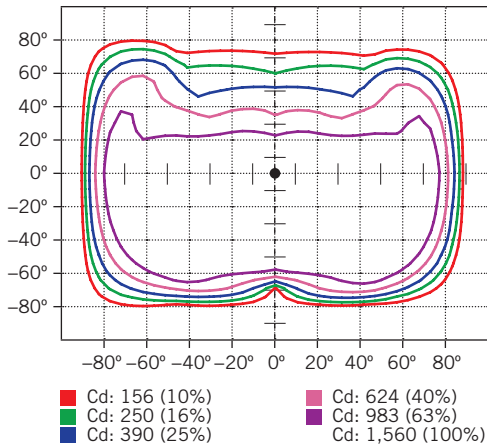
Catalog Number	Wattage	Lumens	Lumens Below 90°	Dimming	CCT	Efficacy	CRI	Housing Color	Input Voltage	Rated Life	Legacy Equivalent
KT-WPLED40-M2-840-VDIM	40W	5000 lm	4965 lm	0–10V	4000K	125 lm/W	>80	Bronze	120–277V	50,000 hrs	175W MH
KT-WPLED40-M2-850-VDIM		5200 lm	5160 lm		5000K	130 lm/W					

KT-WPLED40-M2-8XX-VDIM

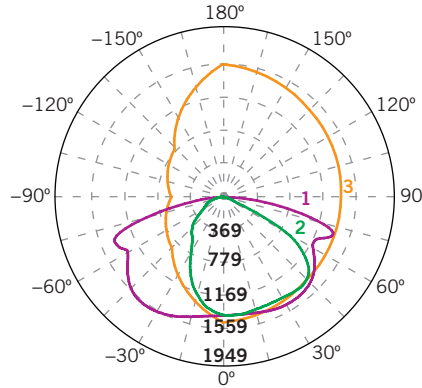
ARCHITECTURAL 40W FULL-CUTOFF LED WALL PACK

PHOTOMETRIC SPECIFICATIONS

ISOCANDELA PLOT



LUMINOUS INTENSITY DISTRIBUTION



Average diffuse angle (50%): **125.1°**

1 Violet C0-C180

2 Green C90-C270

3 Orange G36

Unit: cd

FLUX DISTRIBUTION

Zone	Lumens	% Luminaire
Forward Light	3,171 lm	62.0%
0°-30°	596 lm	11.6%
30°-60°	1,594 lm	31.2%
60°-80°	912 lm	17.8%
80°-90°	70 lm	1.4%
Back Light	1,905 lm	37.2%
0°-30°	514 lm	10.1%
30°-60°	876 lm	17.1%
60°-80°	460 lm	9.0%
80°-90°	54 lm	1.1%
Up Light	39 lm	0.8%
90°-100°	3 lm	0.1%
100°-180°	36 lm	0.7%

BUG* Rating

Asymmetrical Luminaire Types

Type I, II, III, IV B2 U2 G1

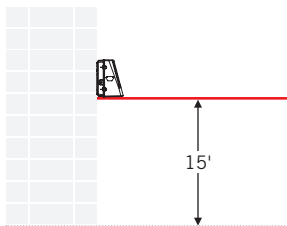
Quadrilateral Symmetrical Luminaire Types

Type V, Area Light B2 U2 G1

* Backlight, Uplight, Glare

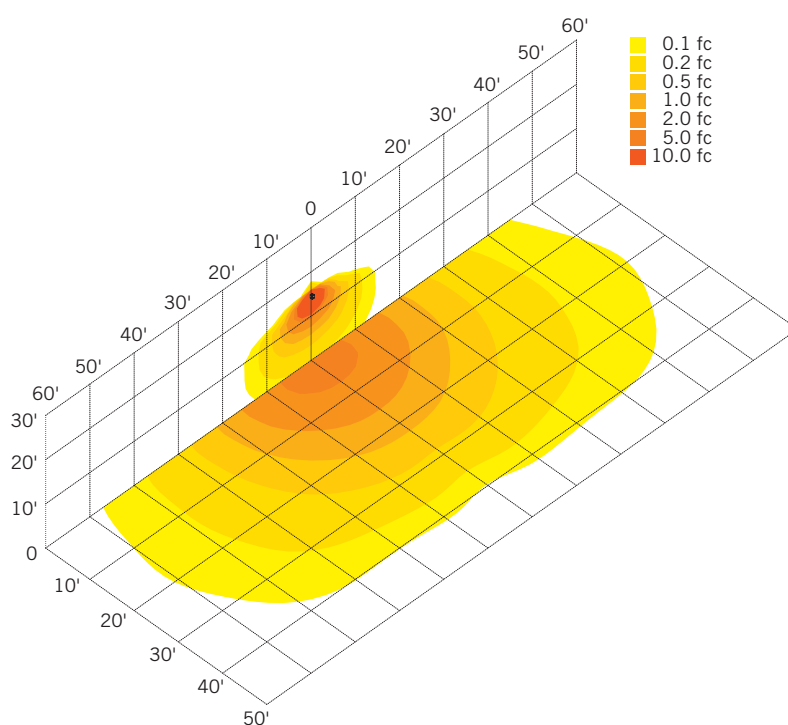
MOUNTING

Side view



LIGHT DISTRIBUTION PATTERN

Isometric view from above; Luminaire mounted at 15'

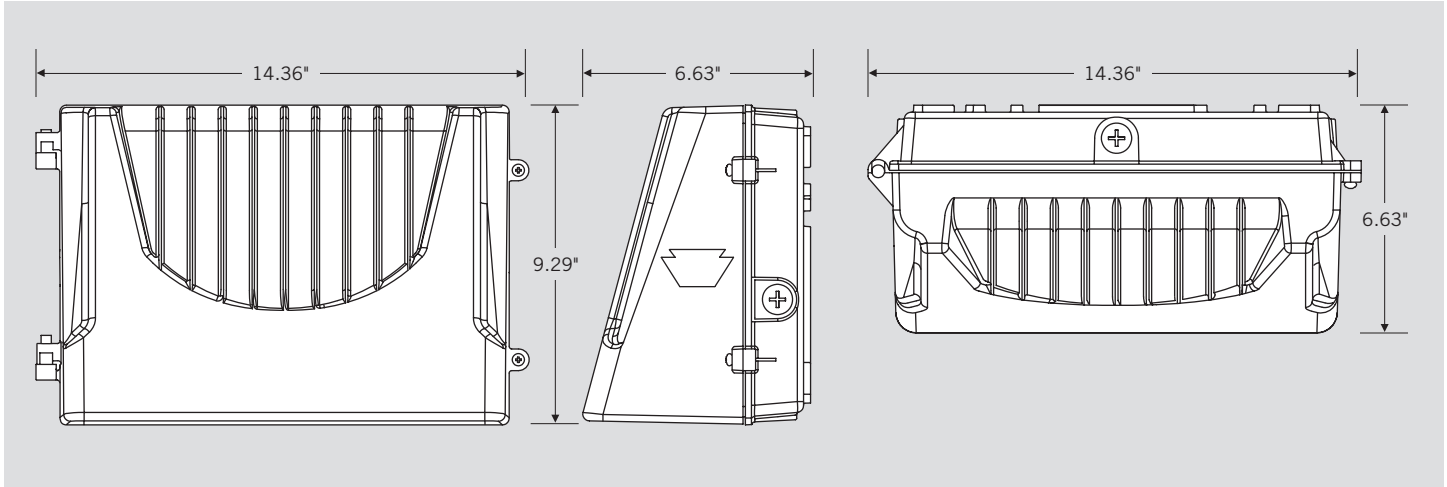




KT-WPLED40-M2-8XX-VDIM

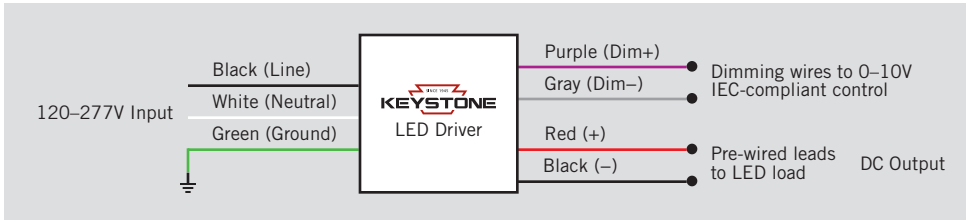
ARCHITECTURAL 40W FULL-CUTOFF LED WALL PACK

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.

ACCESSORIES (SOLD SEPARATELY)

Catalog Number	Description
KTSP-10KV-C	Wallpack 10kV Surge Protector, Compact Design
KT-WPLED-PS-UV-KO	Keystone Wall Pack Button Photocell



KT-WPLED40-M2-8XX-VDIM

ARCHITECTURAL 40W FULL-CUTOFF LED WALL PACK

ORDERING INFORMATION

ORDER CODE	PACK QTY.	ITEM STATUS
KT-WPLED40-M2-840-VDIM	1	Quick Ship
KT-WPLED40-M2-850-VDIM	1	Quick Ship

CATALOG NUMBER BREAKDOWN

KT-WPLED40-M2-8XX-VDIM

1	2	3	4	5	6	7	8	9																								
1 Keystone Technologies	2 Fixture Type	3 LED Lamp	4 Max Wattage	5 Size	6 Style	7 CRI	8 Color	9 Dimming																								
	<table><tr><td>F</td><td>Flood</td></tr><tr><td>WP</td><td>Wallpack</td></tr></table>	F	Flood	WP	Wallpack			<table><tr><td>S</td><td>Small</td></tr><tr><td>M</td><td>Medium</td></tr><tr><td>L</td><td>Large</td></tr></table>	S	Small	M	Medium	L	Large	<table><tr><td>1</td><td>Non-Cutoff</td></tr><tr><td>2</td><td>Full-Cutoff</td></tr></table>	1	Non-Cutoff	2	Full-Cutoff	<table><tr><td>8</td><td>>80</td></tr><tr><td>9</td><td>>90</td></tr></table>	8	>80	9	>90	<table><tr><td>40</td><td>4000K</td></tr><tr><td>50</td><td>5000K</td></tr></table>	40	4000K	50	5000K	<table><tr><td>VDIM</td><td>0-10V</td></tr></table>	VDIM	0-10V
F	Flood																															
WP	Wallpack																															
S	Small																															
M	Medium																															
L	Large																															
1	Non-Cutoff																															
2	Full-Cutoff																															
8	>80																															
9	>90																															
40	4000K																															
50	5000K																															
VDIM	0-10V																															