Lumark

DESCRIPTION

The Lumark WPLLED wall luminaire provides traditional architectural style with high performance energy efficient illumination. Rugged die-cast aluminum construction, stainless steel hardware along with a sealed and gasketed optical compartment make the Wal-Pak virtually impenetrable to contaminants. IP66 Rated. UL/cUL wet location listed. Replaces up to 450W metal halide equivalent. The WPLLED wall luminaire is ideal for pathway illumination, building entrances, vehicle ramps, schools, tunnels, stairways and loading docks.

Catalog #		Type	
Project			
Comments		Date	
Prepared by			

SPECIFICATION FEATURES

Housing
Rugged die-cast aluminum housing and hinged, removable die-cast aluminum door. One-piece silicone gasket seals the optical chamber. UL 1598 wet location listed and IP66 ingress protection rated. Three 1/2" threaded conduit entry points allow for thru-branch wiring.

Optical
Highly reflective anodized aluminum reflectors provide high efficiency illumination. Optical assemblies include impact resistant borosilicate refractive glass. Patented, solid state LED luminaires are thermally optimized with four lumen packages. Available in cool 5000K or neutral warm 4000K LED color temperature (CCT).

Electrical
Ballasts, LED driver and related electrical components are hard mounted to the die-cast housing for optimal heat sinking and operating efficiency. Wiring is extended through a silicone gasket at the back of the housing. Three 1/2" threaded conduit entry points allow for thru-branch wiring. LED thermal management system incorporates both conduction and natural convection to transfer heat rapidly away from LED source. Integral LED electronic driver incorporates internal fusing designed to withstand a 6kV surge test and is Class 2 rated for 120-277V with an operating temperature of -40° to 40°C. Wal-Pak LED systems maintain greater than 89% of the initial light output after 50,000 hours of operation.

Finish
Finished in UV stabilized polyester powder coat paint for superior protection against fade and wear. Standard color is bronze.
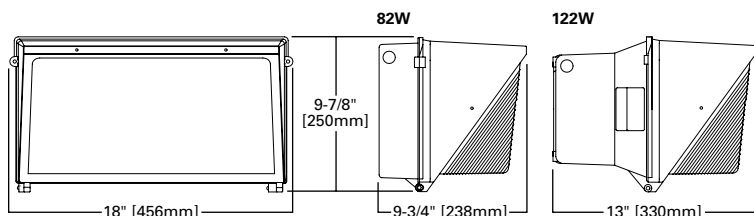
Warranty
Five-year warranty.

WPLLED

82W, 122W

LED

WALL MOUNT LUMINAIRE

DIMENSIONS

18" [456mm]
82W
9-7/8" [250mm]
9-3/4" [238mm]
122W
13" [330mm]

TECHNICAL DATA
UL/cUL Wet Location Listed
IP66 Rated
40°C Maximum Ambient Temperature
DesignLights Consortium® Qualified*

SHIPPING DATA
Approximate Net Weight:
15.0-19.30 lbs. (6.80-8.63 kgs.)

COOPER
Lighting Solutions

POWER AND LUMENS

4000K	WPLLED-100	WPLLED-125
Delivered Lumens	10,264	15,143
CCT (Kelvin)	4000	4000
CRI (Color Rendering Index)	70	70
Power Consumption (Watts)	82	122
5000K	**WPLLED-100**	**WPLLED-125**
Delivered Lumens	10,424	15,379
CCT (Kelvin)	5000	5000
CRI (Color Rendering Index)	70	70
Power Consumption (Watts)	82	122

CURRENT DRAW

	Model Series	
Voltage (V)	**WPLLED-100**	**WPLLED-125**
	Current (A)	Current (A)
120V	0.68	0.99
208V	0.39	0.57
240V	0.34	0.50
277V	0.29	0.43
347V	0.24	0.35

LUMEN MAINTENANCE

Ambient Temperature	TM-21 Lumen Maintenance (50,000 Hours)	Theoretical L70 (Hours)
4000K / 5000K		
Up to 40°C	> 94.03%	> 294,000

LUMEN MULTIPLIER

Ambient Temperature	Lumen Multiplier
10°C	1.04
15°C	1.03
25°C	1.00
40°C	0.97

ORDERING INFORMATION

Product Family
WPLLED-100-GL-UNV=Large Glass Wall Pack, 82W, UNV, 4000K CCT **WPLLED-100-GL-UNV-7050**=Large Glass Wall Pack, 82W, UNV, 5000K CCT **WPLLED-100-GL-UNV-PC**=Large Glass Wall Pack, 82W, UNV, 4000K CCT, Button photocell **WPLLED-100-GL-347**=Large Glass Wall Pack, 82W, 347V, 4000K CCT **WPLLED-125-GL-UNV-7050**=Large Glass Wall Pack, 122W, UNV, 5000K CCT **WPLLED-125-GL-UNV-PC**=Large Glass Wall Pack, 122W, UNV, 4000K CCT, Button photocell **WPLLED-125-GL-347-7050**=Large Glass Wall Pack, 122W, 347V, 5000K CCT **WPLLED-125-GL-347-PC**=Large Glass Wall Pack, 122W, 347V, 4000K CCT, Button photocell

NOTES: DesignLights Consortium® Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details.