Streetworks

DESCRIPTION

The Streetworks Wal-Pak Series of wall luminaires 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 and cUL wet location listed. The Wal-Pak 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 one-piece 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. Not recommended for car wash applications.

Electrical
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 55°C. Wal-Pak LED systems maintain greater than 93% of the initial light output after 72,000 hours of operation.

Optical
Highly reflective anodized aluminum reflectors provide high efficiency illumination. Optical assemblies include impact resistant borosilicate refractive glass, and full cutoff IESNA compliant configurations. Patented, solid state LED luminaires are thermally optimized with three lumen packages.

Door Assembly
Single point, captive stainless steel hardware secures the removable hinged door allowing for ease of installation and maintenance. Door assembly is hinged at the bottom for easy removal and installation.

Finish
Finished in five-stage super TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Standard color is bronze. Additional colors available in white, grey, bronze, black, dark platinum and graphite metallic. Consult your lighting representitive at Cooper Lighting Solutions for a complete selection of standard colors. Options to meet Buy American and other domestic preference requirements.

Efficiency Standards Notice
Select luminaires are manufactured to USA and California efficiency regulations.
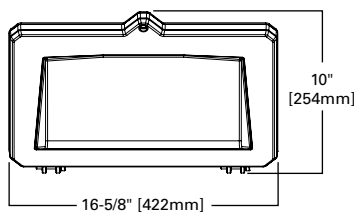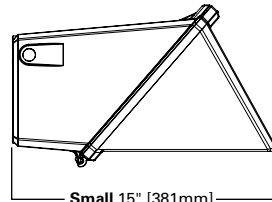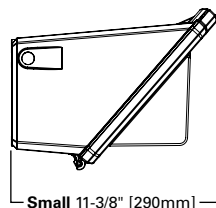

WKP WAL-PAK

27, 32 and 46W

LED

WALL MOUNT LUMINAIRE

DIMENSIONS

BOROSILICATE GLASS DOOR

10" [254mm]

16-5/8" [422mm]

Small 11-3/8" [290mm]

FULL CUTOFF DOOR

10" [254mm]

16-5/8" [422mm]

Small 15" [381mm]
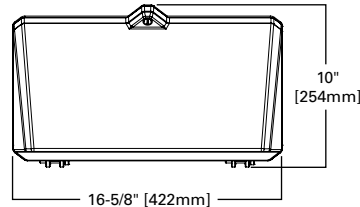
CERTIFICATION DATA
UL and cUL Wet Location Listed
IP66 Rated
40°C Maximum Ambient Temperature
External Supply Wiring 90°C Minimum
Title 20 Compliant
LM79 / LM80 Compliant

ENERGY DATA
120-277V 50/60Hz

SHIPPING DATA
Approximate Net Weight:
32-42 lbs. (15-19 kgs.)

COOPER
Lighting Solutions

POWER AND LUMENS

Catalog Number	Lumens	Power Consumption (Watts)	B.U.G. Rating	Correlated Color Temperature CCT (Kelvin)	Color Rendering Index (CRI)
Borosilicate Glass Door (GL)					
WKP3BLEDEDGL-7040	3,270	27W	B1-U3-G1	4000K	73
WKP4BLEDEDGL-7040	4,160	32W	B1-U3-G2	4000K	73
WKP6BLEDEDGL-7040	5,828	46W	B1-U4-G4	4000K	73
WKP3BLEDEDGL	3,333	27W	B1-U3-G1	5000K	72
WKP4BLEDEDGL	4,199	32W	B1-U3-G3	5000K	73
WKP6BLEDEDGL	5,883	46W	B1-U4-G4	5000K	73
Full Cutoff Door (FC)					
WKP3BLEDEDFC-7040	1,884	27W	B1-U0-G1	4000K	72
WKP4BLEDEDFC-7040	2,239	32W	B1-U0-G1	4000K	73
WKP6BLEDEDFC-7040	3,137	47W	B1-U0-G1	4000K	73
WKP3BLEDEDFC	1,912	27W	B1-U0-G1	5000K	72
WKP4BLEDEDFC	2,279	32W	B1-U0-G1	5000K	73
WKP6BLEDEDFC	3,192	46W	B1-U0-G1	5000K	73

CURRENT DRAW

Light Engine	3B	4B	6B
Nominal Power (Watts)	27W	32W	46W
Input Current @ 120V (A)	0.24	0.28	0.40
Input Current @ 208V (A)	0.14	0.18	0.23
Input Current @ 240V (A)	0.13	0.15	0.20
Input Current @ 277V (A)	0.11	0.13	0.18
Input Current @ 347V (A)	0.09	0.11	0.15
Input Current @ 480V (A)	0.10	0.12	0.14

LUMEN MAINTENANCE

Ambient Temperature	TM-21 Lumen Maintenance (72,000 Hours)*	Theoretical L70 (Hours
25°C>	93%	>340,000
40°C>	92%	>316,000

*Per TM-21 data.

LUMEN MULTIPLIER

Ambient Temperature	Lumen Multiplier
10°C	1.07
15°C	1.04
25°C1	1.00
40°C0	0.94

ORDERING INFORMATION

Sample Number: WKP3BLEDEUGL

Product Family	Lamp Wattage [1]	Lamp Type	Driver Type	Voltage [2]	Door/Lens Type	Color
WKP=Wal-Pak **BAA-WKP**=Wal-Pak Buy American Act Compliant [4] **TAA-WKP**=Wal-Pak Trade Agreements Act Compliant [4]	**LED** **3B**=(3 Package), 27W **4B**=(4 Package), 32W **6B**=(6 Package), 46W	**LED**=Solid State Light Emitting Diodes	**E**=Electronic LED Dimming (0-10V) Driver	**9**=347V [3] **8**=480V [3] **U**=Universal (120-277V)	**GL**=Borosilicate Glass Door **FC**=Full Cutoff Door	**AP**=Grey **BZ**=Bronze **BK**=Black **WH**=White

Options (Add as Suffix)	Accessories (Order Separately) [5]
7030=70 CRI / 3000K CCT **7040**=70 CRI / 4000K CCT **5**=Non NEMA Photocontrol (Must Specify Voltage) **B**=Two-Position Terminal Block	**WG/WPGL**=Wire Guard Borosilicate Glass Lens Door **WG/WPFC**=Wire Guard Full Cutoff Door **TR/WP**=Tamper-resistant Screw and Bit **VS/WPGL**=Polycarbonate Vandal Shield for Borosilicate Glass Lens Door

NOTES:
1. LED packages based on 70 CRI / 5000K package at 25°C ambient.
2. 105°C Rated wire required for thru-branch wiring. Thru-branch wiring is rated for 40°C. Higher wattage thru-branch wiring is rated for use in 25°C ambient operating environments.
3. Not available with thru-branch wiring. LED will be supported with integral step down transformer.
4. Only product configurations with these designated prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or Trade Agreements Act of 1979 (TAA), respectively. Please refer to DOMESTIC PREFERENCES website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.
5. Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.

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Specifications and dimensions subject to change without notice.

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