

Catalog #		Date		Prepared by	
Project		Type		Notes	

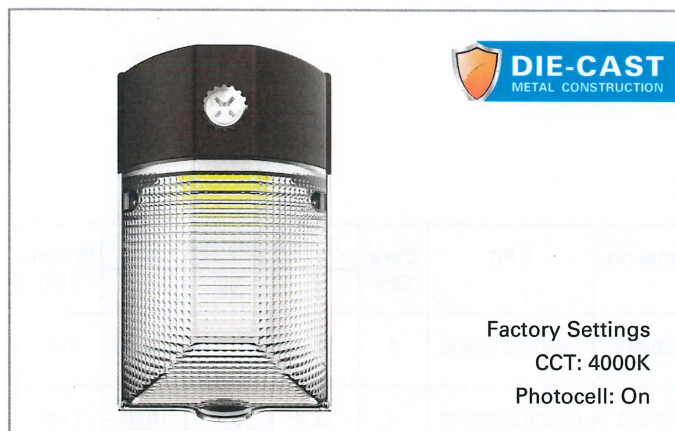
# HALO™

OUTDOOR LIGHTING



## MWP - MINI WALL PACK

WITH CCT SELECT & PHOTOCELL SELECT TECHNOLOGY



MINI LED WALL PACK | 15W & 30W | 120-277V INPUT |  
3CCT SELECT PHOTOCELL ON/OFF | BRONZE HOUSING |  
PRISMATIC LENS

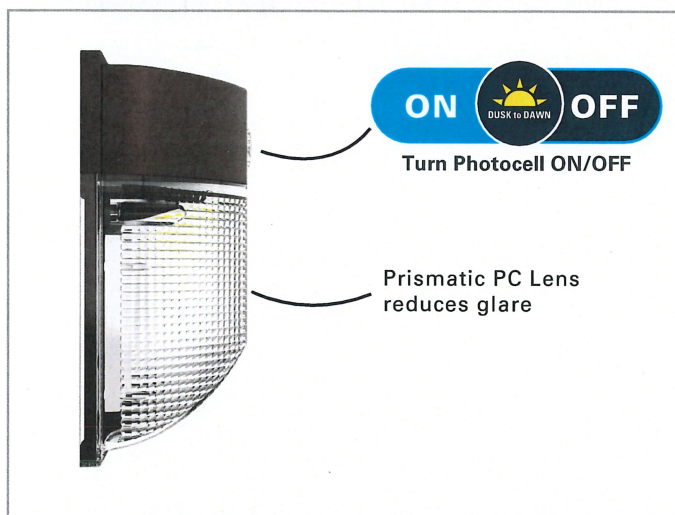
The Halo Outdoor MWP LED Mini Wall Pack family has a small form factor that covers an existing footprint of Metal Halide and Fluorescent wall pack fixtures.

### TOP PRODUCT FEATURES

UP TO  
**4000 LUMENS**



- 3 Selectable light color temperatures (3000K, 4000K, & 5000K)
- Integrated Photocell for Dusk to Dawn operation than can be turned off by manual switch operation
- Constructed of rugged die cast aluminum housing in textured bronze finish
- 50,000 hours of rated life
- UV resistant prismatic PC lens
- Wet Location rated for outdoor use
- Universal power supply 120-277V, with 0-10V Dimmability down to 10%
- 5-year warranty



### INTERACTIVE MENU

- [Order Information](#) page 2
- [Product Specification](#) page 3
- [Product Warranty](#) page 3
- [Product Dimensions](#) page 3
- [Photometric Data](#) page 4

### PRODUCT CERTIFICATION



\*DLC listing will be completed within Q1-2023

### TYPICAL APPLICATIONS



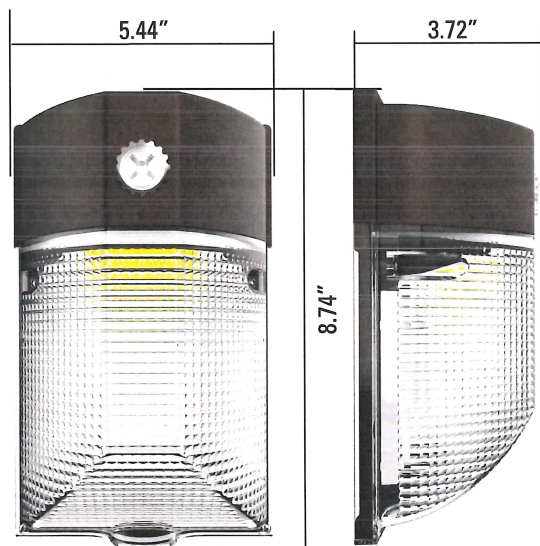
### COMMERCIAL APPLICATIONS

- Building Entrances
- Perimeter
- Warehouse
- Commercial Office
- Strip Mall
- General Security Lighting

### ORDER INFORMATION

Catalog Number	Description	Material no.	UPC	Case Qty	Case Dimensions (in.)			Weight (lbs)
					L	W	H	
MWP20FSUNVDBZ	MINI WP DCST 15W 2K LM 3CCT D2D UNV BZ	13605832	080083260805	4	12.6	9.1	10.31	10.91
MWP40FSUNVDBZ	MINI WP DCST 30W 4K LM 3CCT D2D UNV BZ	13605831	080083260782	4	12.6	9.1	10.31	10.89

### PRODUCT DIMENSIONS





### PRODUCT SPECIFICATIONS

#### Construction

- Durable die-cast aluminum housing suitable for wet locations
- Glare-free UV, & impact resistant PC prismatic lens
- Rust-resistant powder-coated bronze finish
- Suitable for wall mounting on recessed Junction boxes or surface mounted using conduit entry.

#### Integrated Controls

- Dusk to Dawn (Nighttime on / Daytime off) via Integrated photocell sensor that can be manually turned off with switch-activated control

#### Mounting

- Easily mounts to standard recessed junction boxes

- Contains (1) 1/2-inch NPT threaded knockout on the bottom of the fixture for surface wiring

#### Electrical

- 15W LED 2000 lumen & 20W LED 4000 lumen packages available
- 3 Selectable light color temperature settings – 3000K / 4000K / 5000K
- Maintenance -free LEDs with estimated 50,000 hours lifespan based on LM-80 results and TM-21 calculations.
- Rated for ambient operating temperature range from -40°F (-40°C) to 104°F (40°C)
- Electrical operating voltage 120-277V, 50/60Hz
- THD ≤ 20%; Power factor ≥ 90%
- CRI >70
- 0-10V Dimmable down to 10%

#### Compliance

- UL certified for USA and Canada for wet locations
- Contains no mercury or lead - RoHS compliant (RoHS 2.0)
- DLC 5.1 Standard Listed
- UL Wet location rated

#### Finish

- Rust-resistant textured bronze powder coat finish that provides superior resistance to weathering and corrosion

#### Warranty

- Five year limited warranty, consult website for details. [www.cooperlighting.com](http://www.cooperlighting.com)

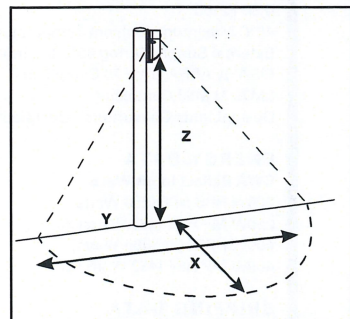
### PHOTOMETRIC DATA

Catalog Number	Power	CCT	Lumens	Efficacy	Voltage	Dimming	CRI	Lifespan	Photocell	Legacy Equivalent
MWP20FSUNVDBZ	15W	3000K	2006	130	120-277V	0-10V	>70	50,000 Hrs	Integrated button photocell. Can be manually turned off using dip switch behind the cap	70W MH
		4000K	2186	144						
		5000K	2212	142						
MWP40FSUNVDBZ	30W	3000K	3772	123						150W MH
		4000K	4239	141						
		5000K	4198	134						

### ELECTRICAL DATA

Catalog Number	Power	120V	208V	240V	277V
MWP20FSUNVDBZ	15W	0.15A	0.09A	0.08A	0.07A
MWP40FSUNVDBZ	30W	0.3A	0.18A	0.15A	0.13A

### SUGGESTED MOUNTING HEIGHT



Minimum Footcandles (FC)		0.50 FC					
Mounting Height (Z)		8'		10'		15'	
Catalog Number	Lumens	X	Y	X	Y	X	Y
MWP20FSUNVDBZ	2186	19	27	20	30	22	32
MWP40FSUNVDBZ	4239	23	34	25	37	28	42

X = Forward Throw  
Y = Wall Spread  
Z = Mounting Heights

Notes:  
Forward throw X = 1/2 Y for wall-mount applications only  
See IES files for detailed photometry



## DESCRIPTION

The Lumark Wal-Pak 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. Three available lamp sources including patented energy efficient LED, pulse start metal halide and high pressure sodium. UL/cUL wet location listed. The Wal-Pak wall luminaire is ideal for pathway illumination, building entrances, vehicle ramps, schools, tunnels, stairways and loading docks.

## 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.

### 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 55°C. Wal-

Pak LED systems maintain greater than 93% of the initial light output after 72,000 hours of operation. UL listed HID high power factor ballasts are Class H insulation rated (high pressure sodium: 250, 400W [-40°C / -40°F]). High efficiency HID ballasts are available in 120, 208, 240, 277, 347 and 480V.

### 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. HID models are offered in horizontal medium or mogul-based metal halide [MP] or high pressure sodium [HP] lamps.

### Door Assembly

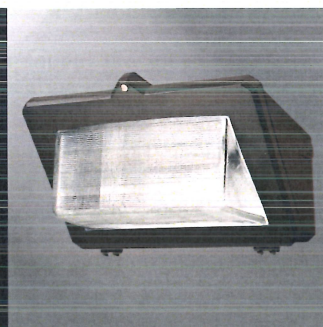
Single point, captive stainless steel hardware secures the removable hinged door allowing for ease of

installation and maintenance. Door assembly is hinged at the bottom for easy removal, installation and re-lamping.

### 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 representative 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.



## WP WAL-PAK

27, 32 and 46W

LED

250 - 400W

Pulse Start Metal Halide

250 - 400W

High Pressure Sodium

WALL MOUNT LUMINAIRE



### TECHNICAL DATA

UL/cUL Wet Location Listed  
IP66 Rated  
40°C Maximum Ambient Temperature  
External Supply Wiring 90°C Minimum  
EISA @, ARRA, Title 20 Compliant  
LM79 / LM80 Compliant  
DesignLights Consortium® Qualified\*

### ENERGY DATA

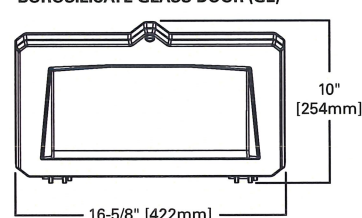
**CWA Ballast Input Watts**  
200W HPS HPF (250 Watts)  
250W MP HPF (283 Watts) @  
400W HPS HPF (465 Watts)  
400W MP HPF (452 Watts) @

### SHIPPING DATA

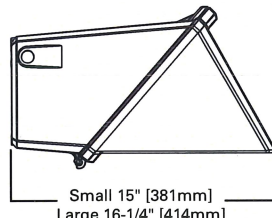
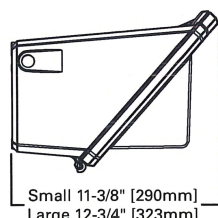
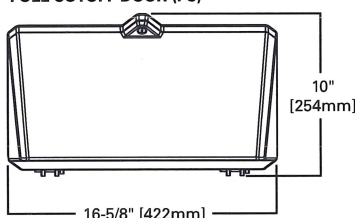
Approximate Net Weight:  
32-42 lbs. (15-19 kgs.)

## DIMENSIONS

### BOROSILICATE GLASS DOOR (GL)



### FULL CUTOFF DOOR (FC)





## ORDERING INFORMATION

Sample Number: LDBAA-WP-FC-4B-120V

Product Family <sup>2</sup>	Lamp Type	Door Type <sup>4</sup>	Lamp Wattage <sup>5</sup>	Voltage <sup>6</sup>
<b>WP=</b> Wal-Pak <b>BAA-WP=</b> Wal-Pak, Buy American Act Compliant <sup>11</sup> <b>TAA-WP=</b> Wal-Pak, Trade Agreements Act Compliant <sup>11</sup>	<b>LD=</b> Solid State Light-Emitting Diodes (LED) <sup>1,2</sup> <b>HP=</b> High Pressure Sodium <b>MP=</b> Pulse Start Metal Halide	<b>GL=</b> Borosilicate Glass Door <b>FC=</b> Full Cutoff Door	<b>LED</b> <b>3B=</b> (3 Package), 27W <b>4B=</b> (4 Package), 32W <b>6B=</b> (6 Package), 46W <b>HP</b> <b>250=</b> 250W <b>400=</b> 400W <b>MP</b> <b>250=</b> 250W <b>400=</b> 400W	<b>120V=</b> 120V <b>208V=</b> 208V <b>240V=</b> 240V <b>277V=</b> 277V <b>347V=</b> 347V <sup>7</sup> <b>480V=</b> 480V <sup>7</sup> <b>DT=</b> Dual-Tap <b>MT=</b> Multi-Tap <b>TT=</b> Tri-Tap <b>ED=</b> Electronic LED Dimming (0-10V) Driver
<b>Options (Add as Suffix) <sup>8</sup></b>		<b>Accessories (Order Separately)<sup>12</sup></b>		
<b>F1=</b> Single Fuse (Must Specify Voltage. 120, 277 or 347V) <b>PE=</b> Button Type Photocontrol (Must Specify Voltage. 120, 208, 240 or 277V) <b>LL=</b> Lamp Included <b>Q=</b> Quartz Restrike T4 Lamp <sup>9</sup> <b>EM=</b> Emergency Quartz Restrike T4 Lamp <sup>9</sup> <b>EMLED-CD=</b> LED Battery Backup Cold Temperature <sup>10</sup> <b>7040=</b> 72 CRI / 4000K CCT <b>AP=</b> Grey <b>BK=</b> Black <b>DP=</b> Dark Platinum <b>GM=</b> Graphite Metallic <b>WH=</b> White		<b>WG/WPGL=</b> Wire Guard Borosilicate Glass Lens Door <b>WG/WPFC=</b> Wire Guard Full Cutoff Door <b>TR/WP=</b> Tamper-resistant Screw and Bit <b>VS/WPGL=</b> Polycarbonate Vandal Shield for Borosilicate Glass Lens Door		

## NOTES:

- DesignLights Consortium® Qualified and classified for DLC Standard and DLC Premium, refer to [www.designlights.org](http://www.designlights.org) for details.
- Five-year warranty.
- Fixture color is standard bronze unless optional color is specified.
- Small housing offered for LED models. Large housing for 250W-400W. Clear glass is standard for full cutoff door types except for LD. LD full cutoff door is standard with Solite® glass.
- LED packages based on 70 CRI / 5000K package at 25°C ambient.
- See voltage chart for descriptions. 105°C Rated wire required for thru-branch wiring for units above 250W. Thru-branch wiring is rated for 40°C for LD. Higher wattage thru-branch wiring is rated for use in 25°C ambient operating environments.
- Not available with thru-branch wiring. LED will be supplied with integral step down transformer.
- Not all options can be combined. Only one emergency or battery back-up option available within the fixture. LD models utilize EMLED-CD options only for battery back-up.
- Q or EM not available with LD or E electronic ballast.
- EMLED-CD available with B models only. For use in 25°C ambient operating temperature environments. Specify 120V or 277V. EMLED-CD minimum -20°C/-4°F. Battery pack is a UL recognized component.
- 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](http://DOMESTIC.PREFERENCES) website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.
- Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.

## STOCK ORDERING INFORMATION - LAMP INCLUDED

Sample Number: WPL4BC

Product Family	Lamp Type	Lamp Wattage	Door/Glass Type
<b>WP=</b> Wal-Pak <b>BAA-WP=</b> Wal-Pak, Buy American Act Compliant <sup>3</sup> <b>TAA-WP=</b> Wal-Pak, Trade Agreements Act Compliant <sup>3</sup>	<b>L=</b> LED <sup>1,2</sup> <b>P=</b> Pulse Start Metal Halide <b>S=</b> High Pressure Sodium	<b>LED</b> <b>3B=</b> 27W <b>4B=</b> 32W <b>6B=</b> 46W <b>Pulse Start Metal Halide</b> <b>25=</b> 250W <b>40=</b> 400W <b>High Pressure Sodium</b> <b>25=</b> 250W <b>40=</b> 400W	<b>[Blank]=</b> Standard <b>C=</b> Full Cutoff Door

NOTE: 1 Five-year warranty. 2. DesignLights Consortium® Qualified and classified for DLC Standard and DLC Premium, refer to [www.designlights.org](http://www.designlights.org) for details. 3. 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](http://DOMESTIC.PREFERENCES) website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.

## VOLTAGE CHART

<b>MT=</b> Multi-Tap	120, 208, 240, 277V (Wired 277V)
<b>TT=</b> Triple-Tap	120, 277, 347V (Wired 347V)
<b>ED=</b> Electronic LED Driver	120-277V (Universal - 50-60Hz)



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)					
LDWP-GL-3B-ED-7040	3,270	27W	B1-U3-G1	4000K	73
LDWP-GL-4B-ED-7040	4,160	32W	B1-U3-G2	4000K	73
LDWP-GL-6B-ED-7040	5,828	46W	B1-U4-G4	4000K	73
LDWP-GL-3B-ED	3,333	27W	B1-U3-G1	5000K	72
LDWP-GL-4B-ED	4,199	32W	B1-U3-G3	5000K	73
LDWP-GL-6B-ED	5,883	46W	B1-U4-G4	5000K	73
Full Cutoff Door (FC)					
LDWP-FC-3B-ED-7040	1,884	27W	B1-U0-G1	4000K	72
LDWP-FC-4B-ED7040	2,239	32W	B1-U0-G1	4000K	73
LDWP-FC-6B-ED-7040	3,137	47W	B1-U0-G1	4000K	73
LDWP-FC-3B-ED	1,912	27W	B1-U0-G1	5000K	72
LDWP-FC-4B-ED	2,279	32W	B1-U0-G1	5000K	73
LDWP-FC-6B-ED	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	0.16	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°C	1.00
40°C	0.94