

# WALL PACK (MWP10)



## DESCRIPTION

Slim wall pack is available in two watts for a variety of applications including building perimeter, entrances, stairways and security lighting. MWP10 series of luminaries provides a low-profile architectural style with the power of bright, energy efficient LEDs. It has a rugged aluminum construction with multi-mount capabilities. 0° to +90° tilt adjustments. For a building that has a modern or futuristic look.

## SPECIFICATION FEATURES

### Construction

- Sealed die-casting profile for outdoor applications.
- Suitable for applications requiring 3G testing prescribed by ANSI C136.31.

### Optics

- Light engines are available in standard 3000K/4000 K and 5000 K (70 CRI) configurations.
- Scalable Lumen Packages from 3,500 to 10,500 Lumens.
- Tempered UV coated flat lens provide outstanding performance, uniformity and glare control.

### Electrical

- Standard drivers feature electronic universal voltage (120-277V 50/60Hz) operation.
- Greater than 0.9 power factor, less than 20% harmonic distortion, and is suitable for operation in -40°C to 40°C ambient environments.

### Lifespan

- Estimated 50,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

### Warranty

- Five-year warranty.

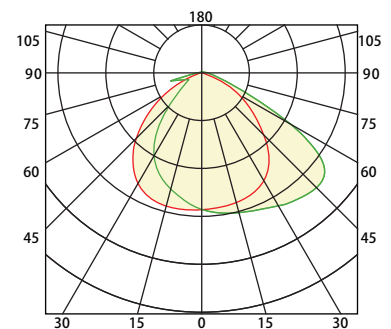
### Applications

- Security, pathway and perimeter lighting, Building entryways and walkways.



Head tilts to 90degree

### PHOTOMETRICS



### ACCESSORIES



#### Photocell

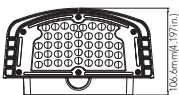
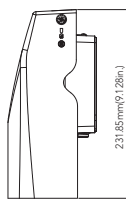
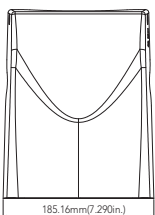
No. PC-JL-120-277V

USE: Photocell is field installed or pre-installed in factory by requesting

## DIMENSIONS

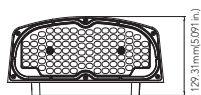
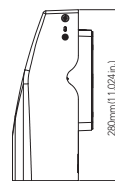
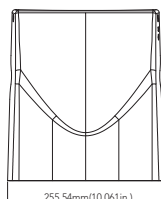
unit: mm/inch

### Small size: 27W/40W



Net Weight:  
27W: 1.52kg(3.351lb)  
40W: 1.80kg(3.968lb)

### Medium size: 67W/80W



Net Weight:  
67W: 3.32kg(7.319lb)  
80W: 3.54kg(7.804lb)

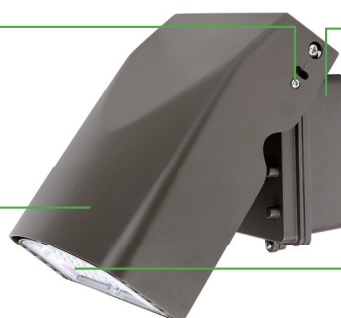
#### Mounting

0° to +90° tilt adjustments, To meet the needs of customers with different lighting angles.



#### Housing

Suitable for both indoor and outdoor application, also suitable for J-BOX mounting and surface mounting.



#### Photocell

Optional for photocell, and allows for security and energy saving.

#### Lens

Polycarbonate optical lens with UV stabilizers do not exhibit yellowing and deformation.

## PERFORMANCE DATA

| SYSTEM WATTS | VOLTAGE             | 3000K(70CRI) |          | 4000K(70CRI) |          | 5000K(70CRI) |          |
|--------------|---------------------|--------------|----------|--------------|----------|--------------|----------|
|              |                     | LUMENS       | LPW      | LUMENS       | LPW      | LUMENS       | LPW      |
| 27W          | 120-277VAC          | 3500lm       | 130 lm/W | 3600lm       | 133 lm/W | 3600lm       | 133 lm/W |
| 40W          | 120-277VAC/347-480V | 5000lm       | 125 lm/W | 5200lm       | 130 lm/W | 5200lm       | 130 lm/W |
| 67W          | 120-277VAC/347-480V | 8600lm       | 128 lm/W | 8800lm       | 131 lm/W | 8800lm       | 131 lm/W |
| 80W          | 120-277VAC          | 10000lm      | 125 lm/W | 10500lm      | 131 lm/W | 10500lm      | 131 lm/W |

## ELECTRICAL DATA

| Number Of Drivers | Driver Current (mA) | Nominal Power (W) | INPUT VOLTAGE (V) | CURRENT (Amps) |
|-------------------|---------------------|-------------------|-------------------|----------------|
| 1                 | 430                 | 27                | 120               | 0.23           |
|                   |                     | 27                | 208               | 0.13           |
|                   |                     | 27                | 240               | 0.11           |
|                   |                     | 27                | 277               | 0.10           |
| 1                 | 640                 | 40                | 120               | 0.33           |
|                   |                     | 40                | 208               | 0.19           |
|                   |                     | 40                | 240               | 0.17           |
|                   |                     | 40                | 277               | 0.14           |
| 1                 | 1110                | 67                | 120               | 0.56           |
|                   |                     | 67                | 208               | 0.32           |
|                   |                     | 67                | 240               | 0.28           |
|                   |                     | 67                | 277               | 0.24           |
| 1                 | 2120                | 80                | 120               | 0.67           |
|                   |                     | 80                | 208               | 0.38           |
|                   |                     | 80                | 240               | 0.33           |
|                   |                     | 80                | 277               | 0.29           |

## ORDERING GUIDE

Example: MWP10 40W 27V 50K Y Y Y

| Fixture Type                  | Power Consumption  | Input Voltage        | CCT  | Finish   | Photocell (Option)   | Dimmable  | Internal Code                       |
|-------------------------------|--|----------------------|--|--|--|---|-------------------------------------|
| <input type="text"/>          | <input type="text"/>   | <input type="text"/> | <input type="text"/>                                     | <input type="text"/>                                     | <input type="text"/>   | <input type="text"/>                                | <input type="text"/>                |
| <b>MWP10</b> Wall Pack Series | <b>27</b> 27Watts<br><b>40</b> 40Watts<br><b>67</b> 67Watts<br><b>80</b> 80Watts | <b>27V</b> 120-277V  | <b>30K</b> 3000K<br><b>40K</b> 4000K<br><b>50K</b> 5000K | <b>D</b> Dark Bronze<br><b>B</b> Black<br><b>W</b> White | <b>P0</b> 120-277V Photocell<br><b>Blank</b> Without Photocell | <b>D</b> 0-10 Dimmable<br><b>Blank</b> NON Dimmable | <b>Blank</b><br><b>Alphanumeric</b> |

Note: The 80W is limited to dimmable.

DLC Model NO.

| SYSTEM WATTS | VOLTAGE  | CCT   | DLC NO.                                   | DLC Classification |
|--------------|----------|-------|---|--------------------|
| 27W          | 120-277V | 3000K | MWP1027W27V30K[D,B,W][P0,Blank][X,Blank]  | Premium            |
|              |          | 3500K | MWP1027W27V35K[D,B,W][P0,Blank][X,Blank]  | Premium            |
|              |          | 4000K | MWP1027W27V40K[D,B,W][P0,Blank][X,Blank]  | Premium            |
|              |          | 5000K | MWP1027W27V50K[D,B,W][P0,Blank][X,Blank]  | Premium            |
| 40W          | 120-277V | 3000K | MWP1040W27V30K[D,B,W][P0,Blank]D[X,Blank] | Premium            |
|              |          | 3500K | MWP1040W27V35K[D,B,W][P0,Blank]D[X,Blank] | Premium            |
|              |          | 4000K | MWP1040W27V40K[D,B,W][P0,Blank]D[X,Blank] | Premium            |
|              |          | 5000K | MWP1040W27V50K[D,B,W][P0,Blank]D[X,Blank] | Premium            |
|              |          | 3000K | MWP1040W27V30K[D,B,W][P0,Blank][X,Blank]  | Premium            |
|              |          | 3500K | MWP1040W27V35K[D,B,W][P0,Blank][X,Blank]  | Premium            |
|              |          | 4000K | MWP1040W27V40K[D,B,W][P0,Blank][X,Blank]  | Premium            |
|              |          | 5000K | MWP1040W27V50K[D,B,W][P0,Blank][X,Blank]  | Premium            |
| 67W          | 120-277V | 3000K | MWP1067W27V30K[D,B,W][P0,Blank]D[X,Blank] | Premium            |
|              |          | 3500K | MWP1067W27V35K[D,B,W][P0,Blank]D[X,Blank] | Premium            |
|              |          | 4000K | MWP1067W27V40K[D,B,W][P0,Blank]D[X,Blank] | Premium            |
|              |          | 5000K | MWP1067W27V50K[D,B,W][P0,Blank]D[X,Blank] | Premium            |
|              |          | 3000K | MWP1067W27V30K[D,B,W][P0,Blank][X,Blank]  | Premium            |
|              |          | 3500K | MWP1067W27V35K[D,B,W][P0,Blank][X,Blank]  | Premium            |
|              |          | 4000K | MWP1067W27V40K[D,B,W][P0,Blank][X,Blank]  | Premium            |
|              |          | 5000K | MWP1067W27V50K[D,B,W][P0,Blank][X,Blank]  | Premium            |
| 80W          | 120-277V | 3000K | MWP1080W27V30K[D,B,W][P0,Blank]D[X,Blank] | Premium            |
|              |          | 3500K | MWP1080W27V35K[D,B,W][P0,Blank]D[X,Blank] | Premium            |
|              |          | 4000K | MWP1080W27V40K[D,B,W][P0,Blank]D[X,Blank] | Premium            |
|              |          | 5000K | MWP1080W27V50K[D,B,W][P0,Blank]D[X,Blank] | Premium            |