



## Applications:

Parking structures, storage areas, shopping area walkways, entryway, and low level security.

## Features

- Sealed die-casting profile for indoor and outdoor applications.
- Voltage is 120-277V & 347V.
- Lumen output from 3500-7600lm with efficacy up to 127lm/W.
- Optional Parking Garage Photometry or Low Bay Photometry as per applications.
- Increase energy savings with bi-level Motion sensor.
- Replacing 100W MH and 175W MH.
- Operating temperature is -40°C to 45°C(-40°F to 113°F).
- UL/cUL wet location and DLC premium qualified.



**1/2inch threaded hole**  
Support wires coming from the hole for easier wire connections.

**Emergency Battery**  
900lm, 90min

**Photometry**  
Optional Parking Garage Photometry or Low Bay Photometry as per applications.

**Mounting Bracket**  
Suitable for J-BOX mounting, and easy for installation, also support pendant mounting, wires coming out from the back for easier wire connections

**Housing**  
One piece die cast housing, better waterproofing, suitable for both indoor and outdoor application

**PIR Sensor**  
Optional PIR sensor allows for security and energy saving



PERFORMANCE DATA

|              |                |            | 4000K(70CRI) |          | 5000K(70CRI) |          |
|--------------|----------------|------------|--------------|----------|--------------|----------|
| SYSTEM WATTS | PHOTOMETRY     | VOLTAGE    | LUMENS       | LPW      | LUMENS       | LPW      |
| 30W          | Parking Garage | 120-277VAC | 3500lm       | 117 lm/W | 3600lm       | 120 lm/W |
|              | Low Bay        | 120-277VAC | 3800lm       | 127 lm/W | 3800lm       | 127 lm/W |
| 45W          | Parking Garage | 120-277VAC | 4900lm       | 109 lm/W | 5000lm       | 111 lm/W |
|              | Low Bay        | 120-277VAC | 5500lm       | 122 lm/W | 5500lm       | 122 lm/W |
| 50W          | Parking Garage | 347VAC     | 4900lm       | 98 lm/W  | 5000lm       | 100 lm/W |
|              | Low Bay        | 347VAC     | 5500lm       | 110 lm/W | 5500lm       | 110 lm/W |
| 60W          | Parking Garage | 120-277VAC | 7000lm       | 117 lm/W | 7100lm       | 118 lm/W |
|              | Low Bay        | 120-277VAC | 7600lm       | 127 lm/W | 7600lm       | 127 lm/W |
| 60W          | Parking Garage | 347VAC     | 7000lm       | 117 lm/W | 7100lm       | 118 lm/W |
|              | Low Bay        | 347VAC     | 7600lm       | 127 lm/W | 7600lm       | 127 lm/W |

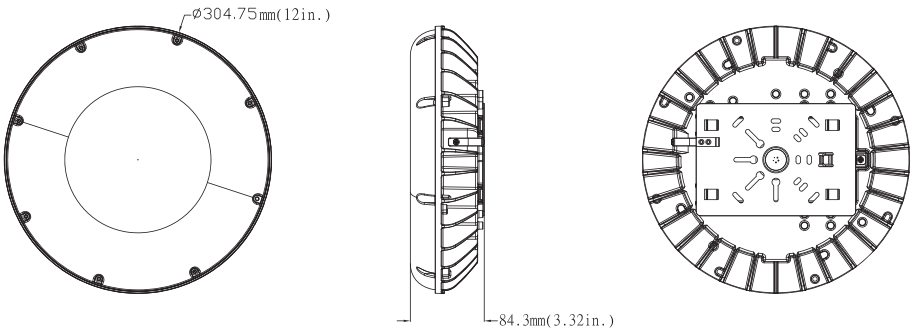
ELECTRICAL DATA

| Number Of Drivers | Driver Current (mA) | Nominal Power (W) | INPUT VOLTAGE (V) | CURRENT (Amps) |
|-------------------|---------------------|-------------------|-------------------|----------------|
| 1                 | 760                 | 30                | 120               | 0.25           |
|                   |                     | 30                | 208               | 0.14           |
|                   |                     | 30                | 240               | 0.13           |
|                   |                     | 30                | 277               | 0.11           |
| 1                 | 1110                | 45                | 120               | 0.38           |
|                   |                     | 45                | 208               | 0.22           |
|                   |                     | 45                | 240               | 0.19           |
|                   |                     | 45                | 277               | 0.16           |
|                   |                     | 50                | 347               | 0.14           |
| 1                 | 1500                | 60                | 120               | 0.50           |
|                   |                     | 60                | 208               | 0.29           |
|                   |                     | 60                | 240               | 0.25           |
|                   |                     | 60                | 277               | 0.22           |
|                   |                     | 60                | 347               | 0.17           |

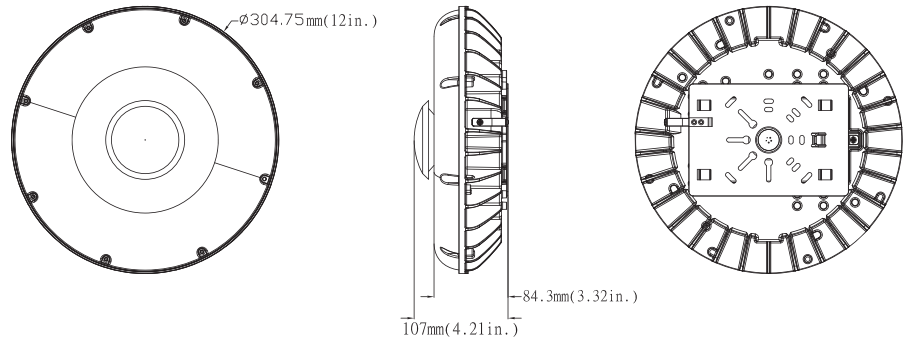
DIMENSION

unit: inch/mm

Weight: 30W: 5.29lb  
45W: 5.4lb  
60W: 5.73lb

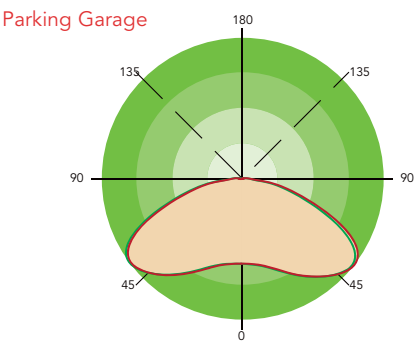
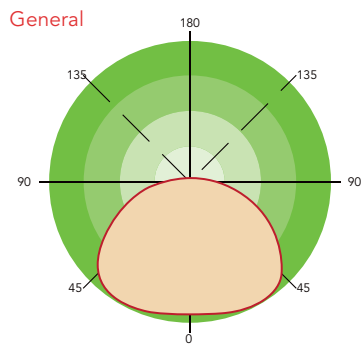


Weight: 30W: 5.576lb  
45W: 5.686lb  
60W: 6.016lb



# CHOOSE YOUR OPTICAL DISTRIBUTION

Each optic is designed for a specific purpose. The general distribution allows a wash of light in any application. In addition, we design an optics specially for parking garage.



| ORDERING GUIDE           |                                      |                          |                          |                                     |                                       |                                       |                                 | Example: MCP0330W27V40KDMDPG |  |
|--------------------------|--------------------------------------|--------------------------|--------------------------|-------------------------------------|---------------------------------------|---------------------------------------|---------------------------------|------------------------------|--|
| Fixture Type             | Wattage                              | Voltage                  | CCT                      | Finish                              | Sensor (Option)                       | Dimmable                              | Photometry                      |                              |  |
| <input type="checkbox"/> | <input type="checkbox"/>             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>              | <input type="checkbox"/>              | <input type="checkbox"/>        |                              |  |
| MCP03 MCP Series         | 30 30W<br>45 45W<br>50 50W<br>60 60W | 27V 120-277V<br>34V 347V | 40K 4000K<br>50K 5000K   | D Dark Bronze<br>B Black<br>W White | Blank Without Sensor<br>M With Sensor | D 0-10 Dimmable<br>Blank NON Dimmable | PG Parking Garage<br>LB Low Bay |                              |  |

Note: 1. The Watt is 45W when the voltage is 120-277V, while when it is 347V, the watt is 50W.

## DLC Model NO.

| SYSTEM WATTS | VOLTAGE  | CCT   | Dimmable | DLC NO.                           | DLC Classification |
|--------------|----------|-------|----------|-----------------------------------|--------------------|
| 30W          | 120-277V | 4000K | NO       | MCP0330W27V40K[D,B,W][Blank,M]PG  | Premium            |
|              |          | 5000K | NO       | MCP0330W27V50K[D,B,W][Blank,M]PG  | Premium            |
|              |          | 4000K | YES      | MCP0330W27V40K[D,B,W][Blank,M]DPG | Premium            |
|              |          | 5000K | YES      | MCP0330W27V50K[D,B,W][Blank,M]DPG | Premium            |
| 45W          | 120-277V | 4000K | NO       | MCP0345W27V40K[D,B,W][Blank,M]PG  | Premium            |
|              |          | 5000K | NO       | MCP0345W27V50K[D,B,W][Blank,M]PG  | Premium            |
|              |          | 4000K | YES      | MCP0345W27V40K[D,B,W][Blank,M]DPG | Premium            |
|              |          | 5000K | YES      | MCP0345W27V50K[D,B,W][Blank,M]DPG | Premium            |
| 60W          | 120-277V | 4000K | NO       | MCP0360W27V40K[D,B,W][Blank,M]PG  | Premium            |
|              |          | 5000K | NO       | MCP0360W27V50K[D,B,W][Blank,M]PG  | Premium            |
|              |          | 4000K | YES      | MCP0360W27V40K[D,B,W][Blank,M]DPG | Premium            |
|              |          | 5000K | YES      | MCP0360W27V50K[D,B,W][Blank,M]DPG | Premium            |