

CODE: 90184-30

## Project Information

Type

Name

Voltage

## Product Description

By using Die-Casting Aluminum Alloy housing, Anti-Corrosion painting, IP65 design, the fixture is great for MH / HPS outdoor lighting replacement, the completed LED light can work up to 50,000hours, saving up to 80% energy, have better lighting characteristics than traditional metal halide lamp of 40W to 240W.



## Applications

General Area and Exterior Security lighting



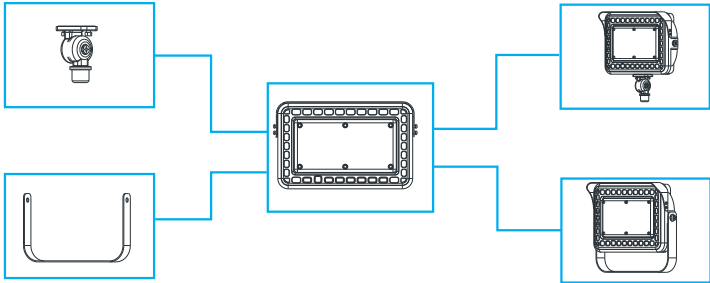
## Electric Characteristic

| Specification/Model     |                  | 90184-30        | 90184-50        |                 |
|-------------------------|------------------|-----------------|-----------------|-----------------|
| LED Chips               | Philips SMD 3030 |                 |                 |                 |
| Input power             | 20W              | 30W             | 50W             | 80W             |
| Lumens output           | 2600LM           | 3900LM          | 6500LM          | 10400LM         |
| Efficiency              | 130LM/W          | 130LM/W         | 130LM/W         | 130LM/W         |
| CRI                     | >80Ra            |                 |                 |                 |
| Color Temperature       | 4000K,5000K      |                 |                 |                 |
| Input voltage           | 100-277V         |                 |                 |                 |
| Light distribution type | 120D             |                 |                 |                 |
| Working temperature     | -30~+60℃         |                 |                 |                 |
| Junction temperature    | <75℃             |                 |                 |                 |
| lamps efficiency        | ≥90%             |                 |                 |                 |
| Certificate             | ETL,cETL,DLC     |                 |                 |                 |
| Equivalent              | 40-60W MH/HPS    | 60W-100W MH/HPS | 100-150W MH/HPS | 150-240W MH/HPS |

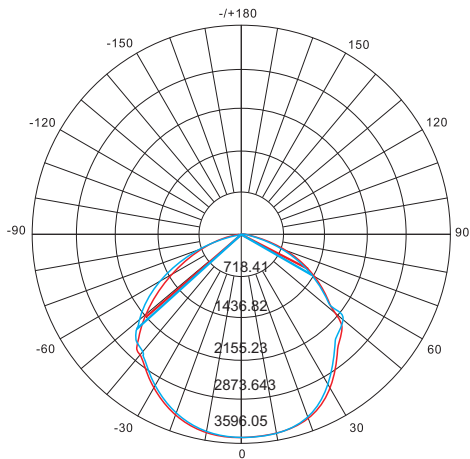
Ordering Information

|  | Power | Replacement     | Color Temperature      | Photocell                          | Furnish |
|--|-------|-----------------|------------------------|------------------------------------|---------|
|  | 20W   | 40-60W MH/HPS   | 40K 4000K<br>50K 5000K | N not photocell<br>Y yes photocell | T-Black |
|  | 30W   | 60-90W MH/HPS   |                        |                                    |         |
|  | 50W   | 100-150W MH/HPS |                        |                                    |         |
|  | 80W   | 150-240W MH/HPS |                        |                                    |         |

Installation Options



Photometrics

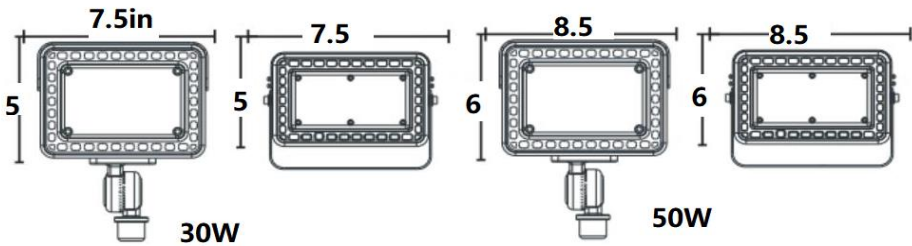


Projected LED Lumen Maintenance

|                          |   |       |       |
|--------------------------|---|-------|-------|
| Operating hours          | 0 | 25000 | 50000 |
| Lumen maintenance factor | 1 | 0.91  | 0.8   |

Data references the extrapolated performance projections for the LED Flood Light platform in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM - 80-08 and projected per IESNA TM-21-11).

Dimensions



After-Sale Service

The product refers to electricians knowledge. Please don't disassemble it by yourself. If any quality problem happens, please contact the factory for warranty details.

NOTE: Actual performance may differ as a result of end-user environment and application. All values are without notice.