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|-----------------|---------------|-------|-------|-------|
| Catalog Number: | Project Name: | Note: | Date: | Type: |
|-----------------|---------------|-------|-------|-------|

#### DESCRIPTION

The small but nimble FLM1 flood light series combines energy efficiency and advance optical control. The slim profile delivers enhanced lighting performance. Robust housing can withstand harsh outdoor environments.

Available with knuckle mount or a yoke mount for convenient mounting option. Ideal use for facades, outdoor, signage, shopping centers, industrial areas and other outdoor places with spot lighting is needed.



Knuckle Mount

Yoke Mount

#### CONSTRUCTION

Die-cast aluminum housing with excellent heat management equipped for long lasting durability. Weather-proof gasketed that is IP65 rated. Small slim profile make it versatile for various different application.

#### ELECTRICAL

Luminaire is built with the highest quality driver that is Universal Voltage (120-277V), uses long lasting, high-efficient LED packages. Flicker free, non-dimming.

#### OPTICAL SYSTEM

Compact rugged glass lens is designed to reduce glare and improve overall light-distribution through precision formed lens optics.

#### ENERGY SAVINGS

Over 50% energy savings than traditionally fluorescent fixtures, low heat productions requires less maintenance and operation cost.

#### LISTING

UL Listed, FCC, RoHS, CE, DLC Premium Listed, IP65 rated with LM79 and LM80 report.

#### WARRANTY

5 year Limited Warranty, Rated for 50,000 hours.  
See Warranty documentation for details.

| WATTAGE | DELIVERED LUMENS | EFFICACY |
|---------|------------------|----------|
| 15W     | 1,800            | 120 lm/W |
| 30W     | 3,600            | 120 lm/W |
| 50W     | 6,000            | 120 lm/W |

Based on 5000K, 70 CRI. Actual lumens may vary.

#### TECHNICAL SPECIFICATION

|                     |                   |
|---------------------|-------------------|
| CCT                 | 3000K, 5000K      |
| CRI                 | 70+               |
| DIMMABLE            | Non-dimming       |
| BEAM ANGLE          | 80°x110°          |
| VOLTAGE             | 120V-277V         |
| POWER FREQUENCY     | 50/60 Hz          |
| POWER FACTOR        | >0.9              |
| THD                 | ≤15%              |
| WORKING TEMPERATURE | -40°F - +113°F    |
| STORAGE TEMPERATURE | -40°F - +158°F    |
| IP RATING           | IP65 Wet Location |
| WARRANTY            | 5 year limited    |



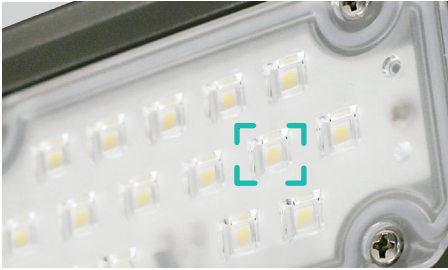
ORDERING SAMPLE:

-  -  -  -  -  -

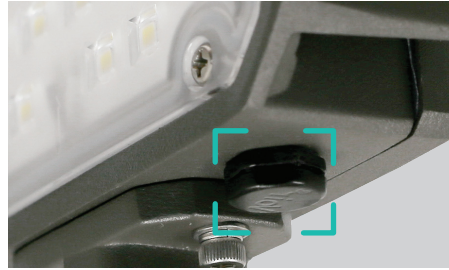
| Series                           | Wattage           | Distribution        | Mounting                      | CCT                        | Accessories/Options |           |
|----------------------------------|-------------------|---------------------|-------------------------------|----------------------------|---------------------|-----------|
| PT-FLM1<br>LED Mini Flood Series | 15W<br>30W<br>50W | 80x110 (80° x 110°) | K (Knuckle)<br>UB (U-bracket) | 30K (3000K)<br>50K (5000K) | Junction Box        | Photocell |
|                                  |                   |                     |                               |                            | JB-FLM1             | PSA       |

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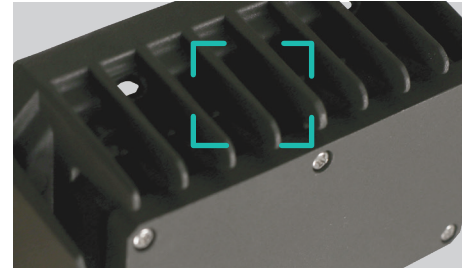
## FEATURES



**DISTRIBUTION LENS**  
1:1 lens to LED diode ratio, maximizing light distribution

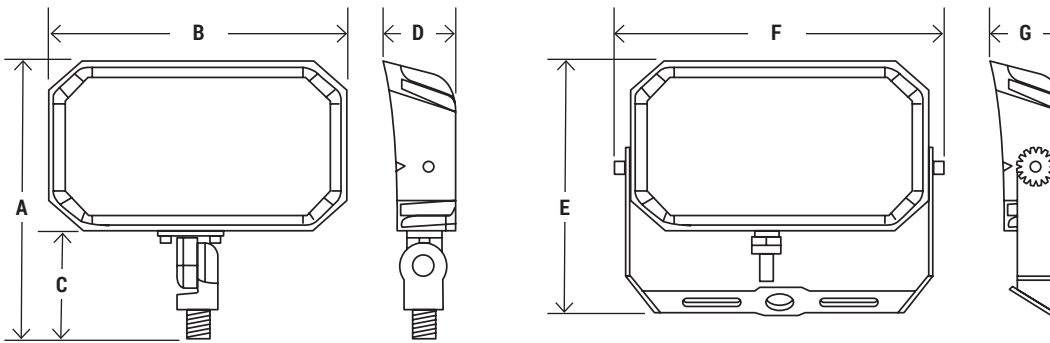


**CONDENSATION VALVE**  
The FLM1 uses a state-of-the-art condensation valve, preventing water from collecting behind the lens.



**ADVANCED HEAT SINK**  
Advanced heat sink allows for maximum cooling, prolonging life of the fixture.

## DIMENSION



| CATALOG NUMBER | A    | B    | C    | D    | E    | F    | G    |
|----------------|------|------|------|------|------|------|------|
| PT-FLM1-15W    | 5.1" | 6.1" | 3.3" | 1.8" | 4.3" | 5.7" | 1.8" |
| PT-FLM1-30W    | 7.2" | 7"   | 3.3" | 2"   | 6.4" | 7.6" | 2"   |
| PT-FLM1-50W    | 8.4" | 9"   | 3.3" | 2.3" | 7.7" | 9.8" | 2.3" |

## JUNCTION BOX OPTION



**JB-FLM1**  
Mini Floodlight Junction Box for  
Knuckle Mounting Option

*\*Actual fixture not included*

## PHOTOCELL OPTION



**PSA**  
Adjustable Photocell

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**PHOTOMETRY**



Knuckle Mount



Yoke Mount



Knuckle Mount



Yoke Mount

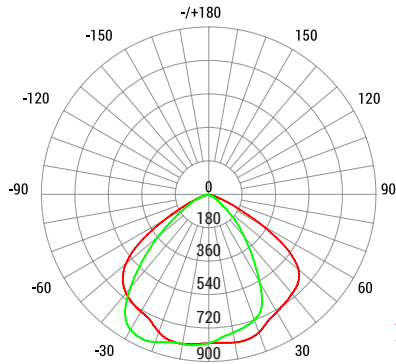


Knuckle Mount



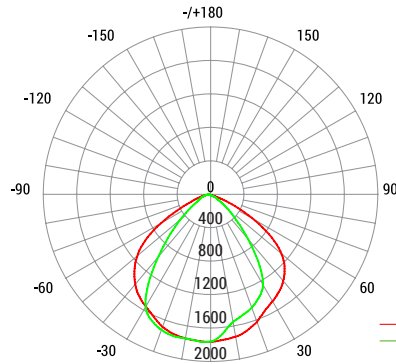
Yoke Mount

**PT-FLM1-15W**



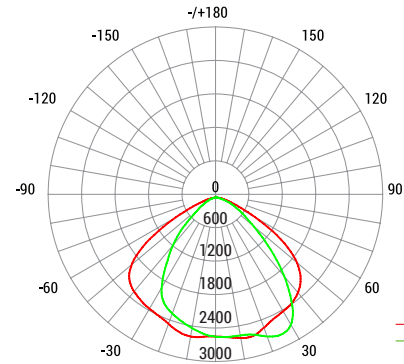
Average Beam Angle (50%) : 98.9 degree

**PT-FLM1-30W**



Average Beam Angle (50%) : 95.4 degree

**PT-FLM1-50W**



Average Beam Angle (50%) : 101.0 degree



**DLC LISTING**

| CATALOG NUMBER | WATTAGE | DELIVERED LUMENS | EFFICACY | CCT   | DLC PRODUCT ID |
|----------------|---------|------------------|----------|-------|----------------|
| PT-FLM1-15W    | 15W     | 1,839            | 124 lm/W | 3000K | P7Z0X619       |
|                |         | 1,800            | 120 lm/W | 5000K | PLQQ58YA0L95   |
| PT-FLM1-30W    | 30W     | 3,982            | 129 lm/W | 3000K | PQ30SE00       |
|                |         | 3,600            | 120 lm/W | 5000K | PL9TIAW5159    |
| PT-FLM1-50W    | 50W     | 6,567            | 130 lm/W | 3000K | PT2P0YVB       |
|                |         | 6,000            | 120 lm/W | 5000K | PLDJ3K6RPLM2   |