

# MFL7 LED

|               |  |
|---------------|--|
| Project Name: |  |
| Type:         |  |



### APPLICATION

The MFL7 luminaire is a high performance LED lighting solution designed with optical versatility and a slim, low profile design. Its rugged cast aluminum housing minimizes wind load requirements and features an integral, watertight power source compartment and high performance aluminum heat sinks. Suitable for parking lots, walkways, car dealerships, roadways, and etc.

### FEATURES:

- Solid construction die-cast aluminum housing.
- Die-cast aluminum heat sink providing the most ideal heat dissipation.
- UV stabilized powder coated finish.
- Field adjustable color temperature.

### MOUNTING:

- Knuckle mount (1/2" NPS).
- Trunnion mount.
- Slip Fitter.

### LED:

- Field adjustable Color Temperature: 3000 / 4000 / 5000K
- Lumen efficiency: up to 136 lm/W
- Color rendering index > 70
- L70: > 54,000 hrs

### LENS:

- Diffuse PC lens to provide efficient distribution.

### ELECTRICAL:

- Input Voltage: 120-277VAC, 50-60Hz
- 0-10V dimming standard.
- Power Factor: >90%
- THD <20%
- Operating temperature: -40°F~104°F (-40°C~40°C)

### LISTING:

- UL / cUL listed.
- DLC qualified.
- Suitable for wet location.
- 5 years limited warranty.
- BAA compliant (optional).

### SPECIFICATION

|      | Model# | AC Input | Lumen Output (3000K) | Lumen Efficiency (3000K) | Lumen Output (4000K) | Lumen Efficiency (4000K) | Lumen Output (5000K) | Lumen Efficiency (5000K) |
|------|--------|----------|----------------------|--------------------------|----------------------|--------------------------|----------------------|--------------------------|
| MFL7 | 15LED  | 15W      | 1753 lm              | 116.9 lm/W               | 1995 lm              | 133 lm/W                 | 1843 lm              | 122.9 lm/W               |
|      | 27LED  | 27W      | 3483 lm              | 129 lm/W                 | 4050 lm              | 150 lm/W                 | 3672 lm              | 136 lm/W                 |
|      | 48LED  | 48W      | 6000 lm              | 125 lm/W                 | 6960 lm              | 145 lm/W                 | 6432 lm              | 134 lm/W                 |
|      | 74LED  | 74W      | 9176 lm              | 124 lm/W                 | 9616 lm              | 130 lm/W                 | 9616 lm              | 130 lm/W                 |
|      | 97LED  | 97W      | 11543 lm             | 119 lm/W                 | 12148 lm             | 125 lm/W                 | 12148 lm             | 125 lm/W                 |
|      | 145LED | 145W     | 17136 lm             | 119 lm/W                 | 19333 lm             | 133 lm/W                 | 19333 lm             | 133 lm/W                 |
|      | 186LED | 186W     | 22134 lm             | 119 lm/W                 | 24767 lm             | 133 lm/W                 | 24767 lm             | 133 lm/W                 |
|      | 201LED | 201W     | 24904 lm             | 124 lm/W                 | 27867 lm             | 138 lm/W                 | 27867 lm             | 138 lm/W                 |

# MFL7 LED

ORDERING INFORMATION

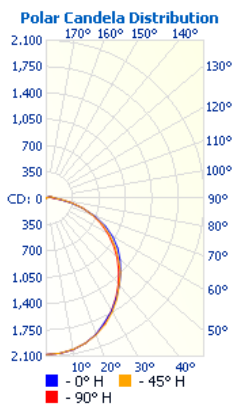
EXAMPLE: MFL7-48LED-3T-UNV-BZ-KN

| MODEL | LED  | COLOR TEMP.                       | VOLTAGE             | DRIVER                              | FINISH  |
|-------|--|-----------------------------------|---------------------|-------------------------------------|---|
| MFL7  | <b>15LED</b> 15W LED<br><b>27LED</b> 27W LED<br><b>48LED</b> 48W LED<br><b>74LED</b> 74W LED<br><b>97LED</b> 97W LED<br><b>145LED</b> 145W LED<br><b>186LED</b> 186W LED<br><b>201LED</b> 201W LED | <b>3T</b> Selectable<br>30/40/50K | <b>UNV</b> 120-277V | <b>(Blank)</b> 0-10V dimming (Std.) | <b>BZ</b> Dark Bronze RAL#7022 (Std.)<br><b>WH</b> White, Cardinal #WH04<br><b>BK</b> Black, Cardinal #BK08<br><b>SV</b> Silver, #IFC Finishing Anodized Silver<br><b>*CC</b> Custom Color<br><br><small>* Available custom color (RAL)<br/>                     Please provide us with the RAL number.<br/>                     * Non-standard finish with extra charge.</small> |

| MOUNTING <sup>1</sup>  |  | OPTIONS   |  |
|--|--|---|--|
| <b>KN</b> Knuckle Mount<br><b>TR</b> Trunnion Mount<br><b>SF</b> Slip Fitter |  | <b>PC3</b> Photocell 120-277V <sup>2</sup><br><b>SP4</b> 4Kv surge protector<br><b>SP10</b> Integrated 10kV/10kA surge protection<br><b>BAA</b> BAA(Buy American Act) and BABA(Build America Buy America) compliant<br><b>WG</b> Wireguard<br><b>VS</b> Visor Shield<br><b>MG</b> Marine Grade Finish |  |

NOTES:

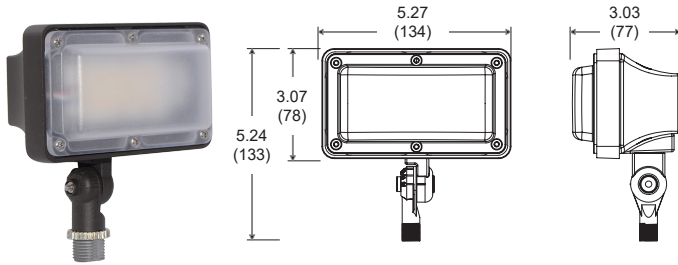
- 16-97LED: only available with KN and TR mount;  
 145-201LED: only available with SF and TR mount.
- Not available with 16LED due to limited space.



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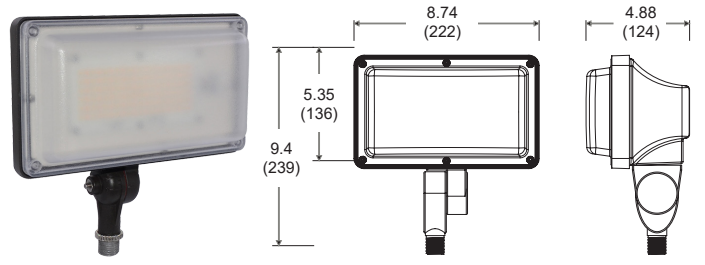
\* All dimensions are in inches (millimeters).

15LED

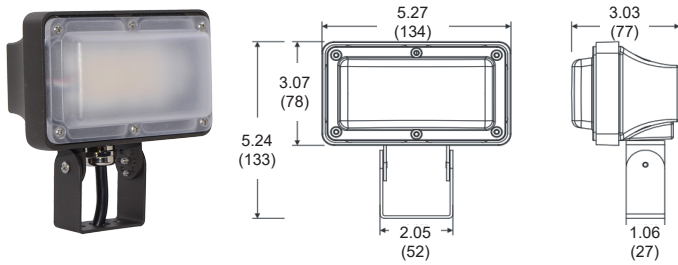


KN

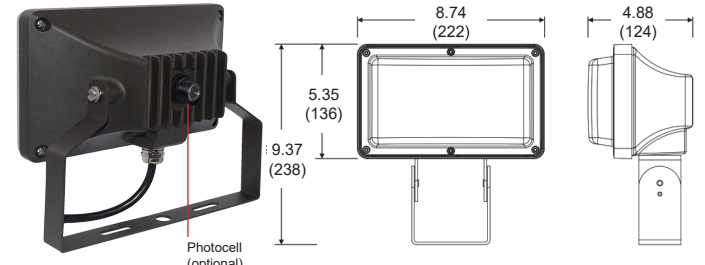
27 & 48LED



KN

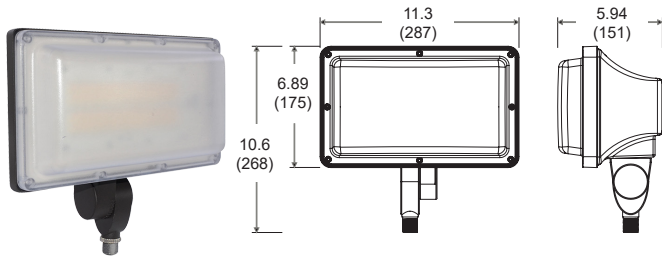


TR



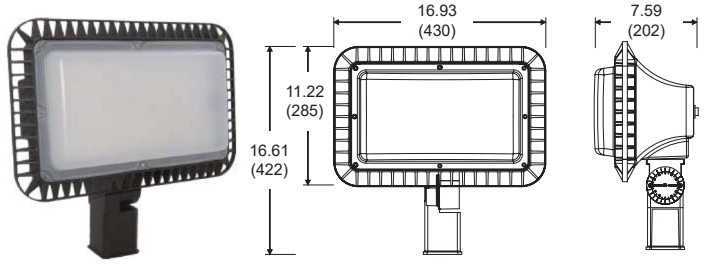
TR

74 & 97LED

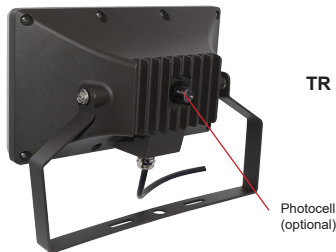


KN

145 & 186LED

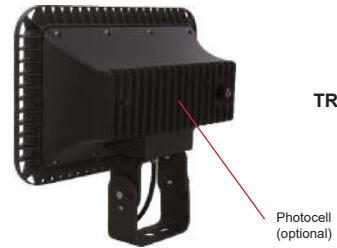


SF



TR

Photocell (optional)



TR

Photocell (optional)

