

MFL6 LED

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



APPLICATION

The MFL6 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:

- Housing and electrical compartment are made from die cast aluminum, pre-treated and powder-coated to meet the most rugged industry standards.
- Vented housing isolates LED modules from driver, maximizing product life and performance.
- Door frame is sealed to housing with a continuous extruded silicone gasket.
- Operating temperature: -40°F~104°F (-40°C~40°C)

MOUNTING:

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

LED:

- Lumileds LED
- Color Temperature: 4000 / 5000K
- Lumen efficiency: up to 133 lm/W
- Color rendering index> >70
- Life span: 100,000 hours

OPTIC:

- NEMA Type: 7H x 6V
- High performance acrylic optic securely attached to internal heat sink for maximum thermal dissipation.

ELECTRICAL:

- Non-dim (15LED ~ 60LED) and 0-10V dimming (70LED ~ 200LED)
- Input Voltage: 120-277VAC, 50-60Hz
- Optional: 347-480V
- Power Factor: >90%
- THD <20%

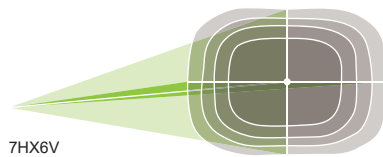
LISTING:

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

SPECIFICATION

| | Model# | Lumen Output (5000K) | Lumen Efficiency (5000K) | Mounting | Weight |
|------|--------|----------------------|--------------------------|----------|---------------------|
| MFL6 | 15LED | 2000 lm | 133.33 lm/W | KN, TR | 1.6 lbs, 1.7 lbs |
| | 27LED | 3600 lm | 133.33 lm/W | KN, TR | 1.7 lbs, 1.78 lbs |
| | 45LED | 5650 lm | 125.55 lm/W | KN, TR | 2.9 lbs, 3.52 lbs |
| | 60LED | 7450 lm | 124.16 lm/W | KN, TR | 3.15 lbs, 3.75 lbs |
| | 70LED | 8900 lm | 127.14 lm/W | YK, SF | 7.43 lbs, 8.35 lbs |
| | 100LED | 13300 lm | 133 lm/W | YK, SF | 9.23 lbs, 10.16 lbs |
| | 135LED | 18000 lm | 133.33 lm/W | YK, SF | 13.43 lbs, 14.17lbs |
| | 200LED | 26200 lm | 131 lm/W | YK, SF | 14.4 lbs, 15.14 lbs |

PHOTOMETRICS



EPA RATING

| | 1 | 2@90° | 2@120° | 2@180° | 3@90° | 3@120° | 4@90° |
|-----------|--------|--------|--------|--------|--------|--------|--------|
| 70W/100W | 0.2885 | 0.6097 | 0.7475 | 0.577 | 0.8982 | 0.8196 | 0.8982 |
| 135W/200W | 0.3868 | 0.8125 | 0.9973 | 0.7736 | 1.1993 | 1.0874 | 1.1993 |
| 350W | 0.536 | 1.061 | 1.278 | 1.072 | 1.597 | 1.803 | 1.597 |

MFL6 LED

ORDERING INFORMATION

EXAMPLE: MFL6-60LED-50K-UNV-ND-BZ-KN

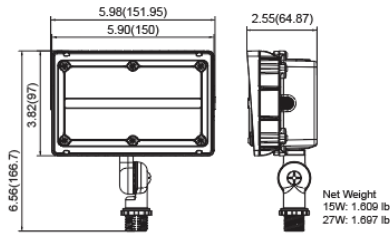
| MODEL | LED | COLOR TEMP. | VOLTAGE | DIMMING | FINISH | OPTICS |
|---------------|---------------|-------------|--|---------------------|--------------------------------|------------------------|
| MFL6 | 15LED | 15W LED | -40K 4000K ¹ | UNV 120-277V | ND Non-dim ² | (Blank) 7H x 6V |
| | 27LED | 27W LED | | | | |
| | 45LED | 45W LED | * Available custom color (RAL) Please provide us with the RAL number. * Non-standard finish with extra charge. | | | |
| | 60LED | 60W LED | | | | |
| | 70LED | 70W LED | | | | |
| | 100LED | 100W LED | | | | |
| | 135LED | 135W LED | | | | |
| 200LED | 200W LED | | | | | |

| MOUNTING | | OPTIONS | |
|--------------------------|--|---------|--|
| KN Knuckle Mount | PC3 Photocell 120-277V ARRA Assembled in USA for Buy American act | | |
| TR Trunnion Mount | | | |
| YK Yoke Mount | | | |
| SF Slip Fitter | | | |

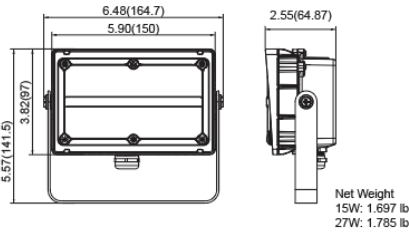
* Refer to configuration chart for availability

NOTES:
 1. Only available on 135LED and 200LED.
 2. Only available on 15LED ~ 60LED.
 3. Only available on 70LED ~ 200LED.

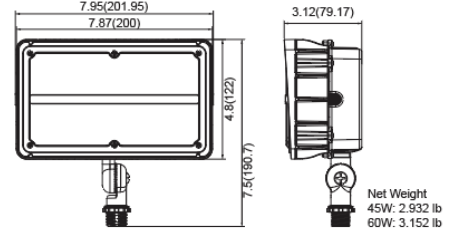
15LED & 27LED (KNUCKLE MOUNT)



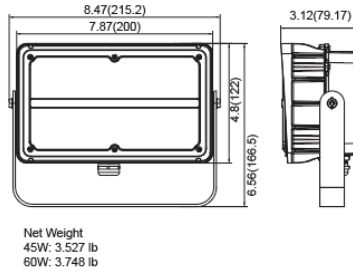
15LED & 27LED (TRUNNION MOUNT)



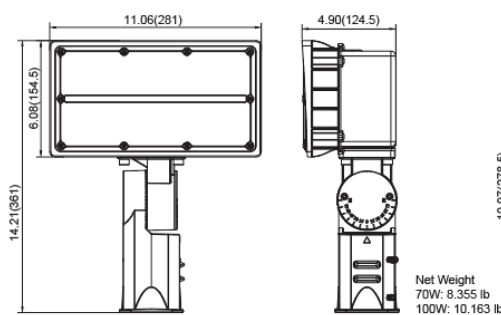
45LED & 60LED (KNUCKLE MOUNT)



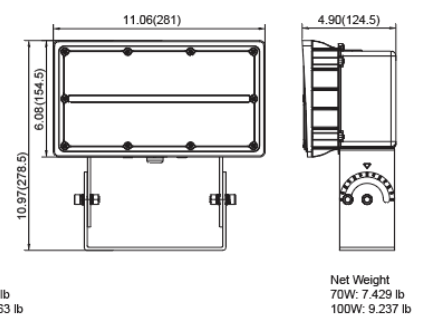
45LED & 60LED (TRUNNION MOUNT)



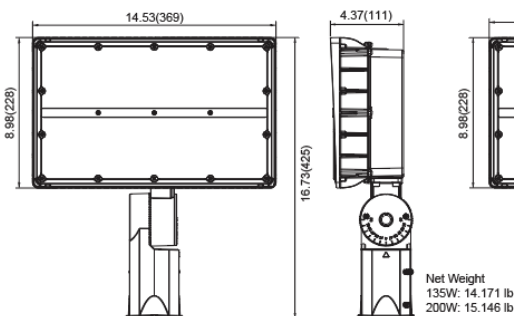
70LED & 100LED (SLIP FITTER)



70LED & 100LED (YOKE MOUNT)



135LED & 200LED (SLIP FITTER)



135LED & 200LED (YOKE MOUNT)

