

Medium LED Floodlight

Medium LED floodlights are ideal for illuminating building facades, wall washing building exteriors, sign lighting, landscape lighting, and improving building security. Heavy-duty die-cast aluminum construction and high quality components ensure ELCO floodlights will provide years of solid performance in almost any weather condition. Available in medium and wide beam angles.



Features

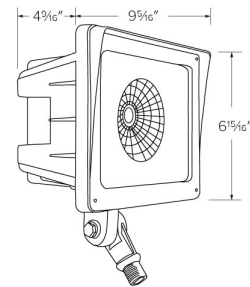
- Die-cast Aluminum Housing.
- Durable dark bronze coat finish.
- Knuckle mount for adjusting angle.
- Standard input wattage: 35W (100W HID equivalent) or 45W (150W HID equivalent).
- Optional Accessories:
- Knuckle (EFLMKW) enabling mounting on junction boxes and pipes.
- Wireguard (EFLMWG) for added protection.
- Photocells, button type (EWPPHBU, EWPPHB1) and swivel type (EWPPHSU).
- Motion Detectors (EWMSU).

Specifications

| | |
|---------------------|--------------|
| Wattage | 45W |
| Lumens | 4500 lm |
| Voltage | 120/277V |
| Color Temp. | 5000K |
| Lamp Type | LED |
| Beam Angle | Medium Flood |
| CRI | 70+ |
| Power Factor | > 0.9 |
| Wet Location | Listed |

Options

Dimensions



Technical Details

Lamp: COB LED, CRI 70+

Optics: Glass lens

Construction: Die-cast aluminum housing. Dark bronze powder coated finish. Impact, corrosion, and UV resistant.

Electrical: Constant current 120/277V AC Class 2 Driver with a power factor > 0.9. Ambient operating temperature: -40°F (-40°C) to 113°F (45°C). Standard input wattage: 35W (100W HID equivalent) or 45W (150W HID equivalent)

Listings: cUL listed for wet locations. LM-80 certified. IP65 rated.

Warranty: ELCO Lighting warrants products will be free from defects in materials and workmanship for a period of 5 years.

Product Number

| Item | Lamp type | Lumens | CCT | Watts | Voltage | Beam Angle | Finish |
|-------------------|-----------|---------|-------|-------|----------|--------------|-------------|
| EFL45M50FL | LED | 4500 lm | 5000K | 45W | 120/277V | Medium Flood | Dark Bronze |

Product Number Builder Example: EFL35M40FL

Medium Floodlight

Wattage

Size

Color Temp

Beam Spread

EFL

35 35W
45 45W

M Medium

40 4000K
50 5000K

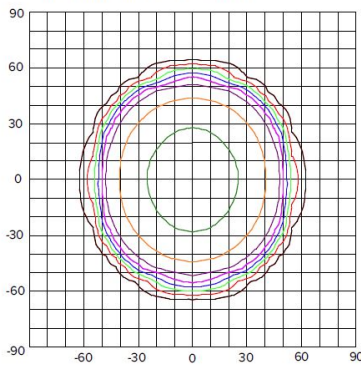
FL Medium Flood
WF Wide Flood

Medium LED Floodlight

Multiplier: 5000K (x 1.04)

PHOTOMETRIC REPORT

Product #: EFL35M40FL
Wattage/Lumens: 35.7W/ 3533 Lm
Luminaire LPW: 99 Lm/W



FOOTCANDLE LEGEND:

- 10% = 145.5
- 20% = 291
- 30% = 436.5
- 40% = 582
- 50% = 727.5
- 60% = 873
- 75% = 1091.25
- 90% = 1309.5

ILLUMINANCE AT A DISTANCE

| Distance to Target Plane | Footcandles Beam Center | Beam Diameter |
|--------------------------|-------------------------|---------------|
| 4' | 90.7 | 11.6' |
| 6' | 40.3 | 17.3' |
| 8' | 22.7 | 23.1' |
| 10' | 14.5 | 28.9' |

ZONAL LUMEN SUMMARY

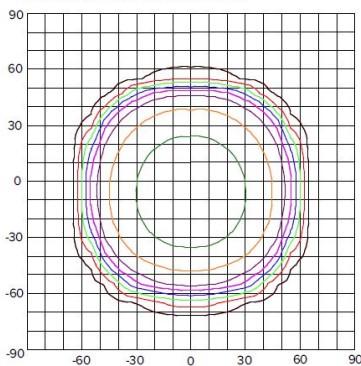
| Zone | Lumens | % Luminaire |
|-------|---------|-------------|
| 0-30° | 1152.93 | 32.60 |
| 0-40° | 1928.72 | 54.60 |
| 0-60° | 3345.21 | 94.70 |
| 0-90° | 3529.57 | 99.90 |

Medium LED Floodlight

Multiplier: 5000K (x 1.04)

PHOTOMETRIC REPORT

Product #: EFL45M40FL
Wattage/Lumens: 47.9W/ 5451 Lm
Luminaire LPW: 114 Lm/W



FOOTCANDLE LEGEND:

- 10% = 225.34
- 20% = 450.68
- 30% = 676.02
- 40% = 901.36
- 50% = 1126.7
- 60% = 1352.04
- 75% = 1690.05
- 90% = 2028.06

ILLUMINANCE AT A DISTANCE

| Distance to Target Plane | Footcandles Beam Center | Beam Diameter |
|--------------------------|-------------------------|---------------|
| 4' | 140 | 11.2' |
| 6' | 62.3 | 16.9' |
| 8' | 35.0 | 22.5' |
| 10' | 22.4 | 28.1' |

ZONAL LUMEN SUMMARY

| Zone | Lumens | % Luminaire |
|-------|---------|-------------|
| 0-30° | 1792.58 | 32.90 |
| 0-40° | 2993.63 | 54.90 |
| 0-60° | 5098.71 | 93.50 |
| 0-90° | 5446.00 | 99.90 |