

Project name:	
Fixture type:	
Date:	

# **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**

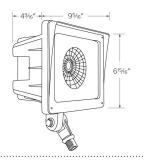
- Die-cast Aluminum Housing.
- Durable dark bronze coat finish.
- Knuckle mount for adjusting angle.
- Standard input wattage: 35W (100W HID equivalent) or 45W (150W HID equivalent).
- Optional Accessories:
- Knuckle (EFLMKW) enabling mounting on junction boxes and pines
- Wireguard (EFLMWG) for added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

# **Specifications**

45W
5400 lm
120/277V
5000K
LED
Medium Flood
70+
> 0.9
Listed

# **Options**

## **Dimensions**



# **Product Number**

Item	Lamp type	Lumens	сст	Watts	Voltage	Beam Angle	Finish
EFL45M50FL	LED	5400 lm	5000K	45W	120/277V	Medium	Dark Bronze

# **Technical Details**

Lamp: COB LED, CRI 70+

Optics: Glass lens

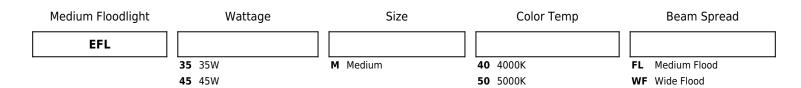
**Construction:** Die-cast aluminum housing. Dark bronze powder coated finish. Impact, corrosion, and UV resistant.

**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.

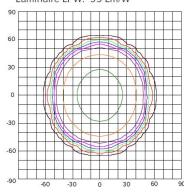
# Product Number Builder Example: EFL35M40FL



#### **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**

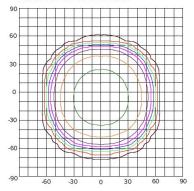
Zone	Lumens	% Luminaire
0-30°	1152.93	32.60
0-40°	1928.72	54.60
0-60°	3345.21	94.70
0-90°	3529.57	99.90

# **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

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**

**ILLUMINANCE AT A DISTANCE** 

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