

L70
25°C

151,000 Hours



NOTES:

FIXTURE TYPE:

PROJECT:



ELECTRICAL

- Operating temperature (ambient): -40°C to 45°C (-40°F to 113°F).
- Universal 120-277V AC voltage (50-60Hz) is standard.
- Built in photocell.
- 0-10VDC dimming drivers is standard.
- Input transient surge protection = 4kV.
- Power factor > 0.90.
- Total Harmonic distortion < 20%.

OPTICAL SYSTEM

- Polycarbonate frosted lens.
- Field selectable 3000k(warm white), 4000k (neutral white) and 5000k (cool white) color temperatures*.
- Tri-lumen selectable delivers 3,000 to 4,500 nominal lumens*.
- Long-life LEDs provide 151,000 hours of operation with at least 70% of initial lumen output (L70), and 45,000 hours with at least 90% of initial lumen output (L90)**.
- Beam angle 3H3V distribution.
- LED color maintenance < -0.00156 chromaticity shift ($\Delta u'v'$) over the initial 6,000 hours of operation.
- Color rendering index > 70.

* Default 4000k color temperature and highest lumen output.

**L70 & L90 hours are IES TM-21-11 calculated hours.

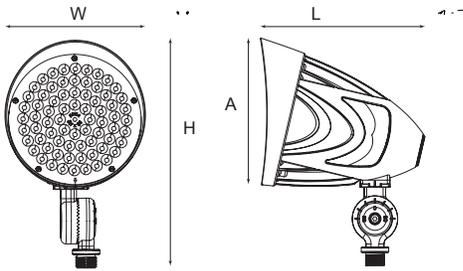
CODE COMPLIANCE

- cULus listed for wet locations.
- DLC premium listed.
- Complies with FCC part 15, class A.
- IP65 rated for ingress protection.

WARRANTY

- 5 year warranty on all electronics and housing.

DIMENSIONS



| Model # | L (in) | W (in) | A (in) | H (in) | Weight (lbs) |
|-----------------|--------|--------|--------|--------|--------------|
| BF-453730L-3CCT | 6.42 | 5.51 | 5.79 | 8.9 | 2.41 |

HOUSING

- Premium powder-coat, aluminum, dark bronze housing.

MOUNTING

- Knuckle mount kit is standard (Fit 1/2" NPT).
- Optional Line Voltage Ground Stake
- Optional round canopy mount for surface mount. compatible with 4-inch standard junction box.
- Easy installation in new construction or retrofit.

ORDERING INFORMATION

EXAMPLE: BF-453730L-3CCT



| Model | Nominal Lumen Output (Selectable) | Kelvin (Selectable) |
|-------|-----------------------------------|--------------------------|
| BF | 453730L= 4,500 / 3,700 / 3,000 lm | 3CCT = 3000/ 4000/ 5000K |

ACCESSORIES (ORDER SEPARATELY)

Mounting

CM-R = Round canopy mounting plate, suitable to mount 1/2" swivel arm and use with standard 4" round junction box.

MPOST17 = Line Voltage Ground Stake.

LUMEN TABLES

| Series | Measurements | Low Lumens | | | Mid Lumens | | | High Lumens | | |
|-----------------|--------------|------------|-------|-------|------------|-------|-------|-------------|-------|-------|
| | | 3000K | 4000K | 5000K | 3000K | 4000K | 5000K | 3000K | 4000K | 5000K |
| BF-453730L-3CCT | Lumens | 2,999 | 3,187 | 3,120 | 3,707 | 4,008 | 4,077 | 4,564 | 5,064 | 4,766 |
| | Watt | 20.39 | 19.76 | 20.39 | 26.46 | 25.42 | 26.52 | 35.1 | 33.28 | 34.86 |
| | Efficacy | 147 | 161 | 153 | 140 | 158 | 154 | 130 | 152 | 137 |

ELECTRICAL DATA

| Series | CCT | Input Amps (A) | | | | | | | | |
|-----------------|-------|----------------|------|------|------------|------|------|-------------|------|------|
| | | Low Lumens | | | Mid Lumens | | | High Lumens | | |
| | | 120V | 240V | 277V | 120V | 240V | 277V | 120V | 240V | 277V |
| BF-453730L-3CCT | 3000k | 0.17 | 0.08 | 0.07 | 0.22 | 0.11 | 0.10 | 0.29 | 0.15 | 0.13 |
| | 4000k | 0.16 | 0.08 | 0.07 | 0.21 | 0.11 | 0.09 | 0.28 | 0.14 | 0.12 |
| | 5000k | 0.17 | 0.08 | 0.07 | 0.22 | 0.11 | 0.10 | 0.29 | 0.15 | 0.13 |

PHOTOMETRICS

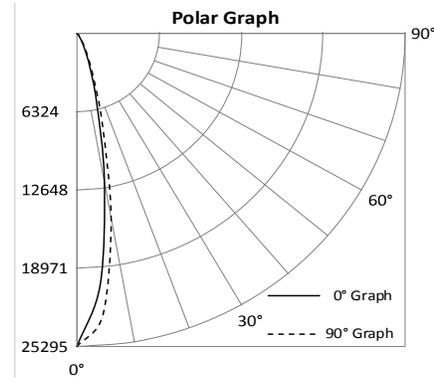
BF-453730L-3CCT

Luminaire Data

| | |
|-----------------------------|--|
| Description | Flood Light Lumen/Kelvin Selectable |
| Total Lumens | 4,436 |
| Input Wattage | 33 |
| Efficacy (lm/W) | 133 |
| Max. Cd. | 25598 (112.5H, 1V) |
| IES Classification | N.A. |
| Longitudinal Classification | N.A. |

Luminaire Classification Systems (LCS)

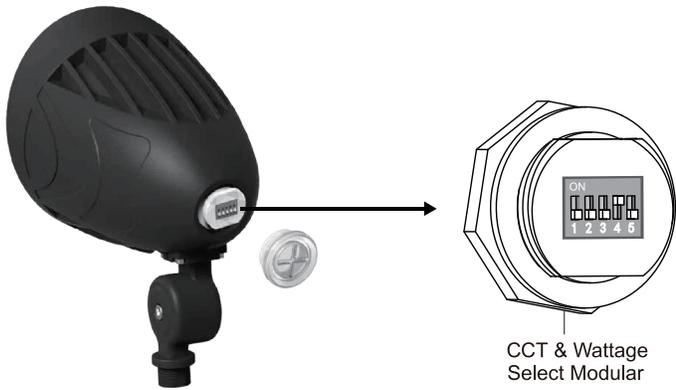
| LCS Zone | Lumens | %Lum |
|-------------------|----------|-------|
| FL 0-30 | 1,870 | 36.9% |
| FM 30-60 | 210 | 4.1% |
| FH 60-80 | 36 | 0.7% |
| FVH 80-90 | 1 | 0.0% |
| BL 0-30 | 1,984 | 39.2% |
| BM 30-60 | 233 | 4.6% |
| BH 60-80 | 85 | 1.7% |
| BVH 80-90 | 8 | 0.2% |
| UL 90-100 | 0 | 0.0% |
| UH 100-180 | 10 | 0.2% |
| Total | 4,436 | 87.6% |
| BUG Rating | B3-U2-G0 | |



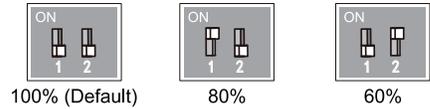
COMPATIBLE DIMMERS AND CONTROLS

| Manufacturer | Model Number | Dimmer Range | Load Switching Capacity |
|---------------|--------------|--------------|-------------------------|
| Mule Lighting | DWS-010V-T | 10%-100% | 600W |
| Mule Lighting | DWS-010V-D | 10%-100% | 600W |
| Leviton | IP710-LFZ | 10%-100% | 1200W |
| Lutron | DVSTV | 10%-100% | 450W |

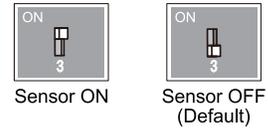
CCT & WATTAGE SETTING



Wattage Select



Photocell



CCT Select

