

FL-RGBCCT Series

RGB + CCT LED Flood Light Specifications

Project _____

Date _____ Type _____



FL-RGBCCT-60W-120V



Description

FL-RGBCCT series LED flood lights have wireless control options to bring convenient and adaptable light to both outdoor landscapes and indoor venues. Integrated RGB and tunable white LEDs produce thousands of color options and shades of white from warm to cool. Control with a compatible RF remote or pair with the MiBoxer Wi-Fi hub controlled by a smart device to select from dynamic patterns and single color choices, as well as adjust brightness and speed. MiBoxer products allow for a variety of lights to be controlled by a single remote or device creating an easy to control lighting system. Durable construction will withstand rough weather conditions and commercial applications, while sleek design compliments event spaces or other decorative environments.

Construction

- Includes adjustable yoke mount with ground spike
- Black aluminum body and tempered glass lens
- Integrated heat sinks for proper thermal management
- Operating Temperature of -4°-140° F (-20°-60° C)
- IP65 rated

Electrical

- 60 W and 10 W options for 120 VAC and 10 W version for 12 VAC / VDC
- 120 VAC electrical connection is 5-15P plug with 5 ft (1.5 m) cable, 12 VAC/VDC has 5 ft (1.5 m) cable with pigtail
- 50,000 hours (L70) lifespan

Available Models¹

120 VAC

- FL-RGBCCT-10W-120V
- FL-RGBCCT-60W-120V

12 VAC / 12 VDC

- FL-RGBCCT-10W-12V

Part Number Breakdown

Example: FL-RGBCCT-10W-120V

| Family | Color | Wattage | Input Voltage |
|--------|---------------------------------|------------|--------------------|
| FL | RGBCCT [RGB + Tunable White] | 10W [10 W] | 12V [12 VAC / VDC] |
| | | 60W [60 W] | 120V [120 VAC] |

Photometrics and Functions

- Dimming, color selection, and speed adjustment with compatible MiBoxer wireless remote or smart hub
- Able to create thousands of colors and shades of white (2700K-6500K)
- White light as bright as 760 lumens (10 W) or 6,000 lumens (60 W)
- 120° beam angle
- CRI 80+

Application

These are versatile and efficient solutions for a variety of lighting applications including signs, architectural features and facades, decorative lighting, landscape lighting, and event and convention spaces.

Certifications and Compliances

These lights are CE compliant.

Warranty

Three (3) Year Warranty

Controls and Controllers (purchased separately)

- Wireless RF Remote Control (RGBCCT-MZ8-RF) RGBCCT-MZ8-RF
- Wireless Controller Hub (WIFI-CON2)



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¹Contact customer service if interested in options other than those listed.

FL-RGBCCT Series

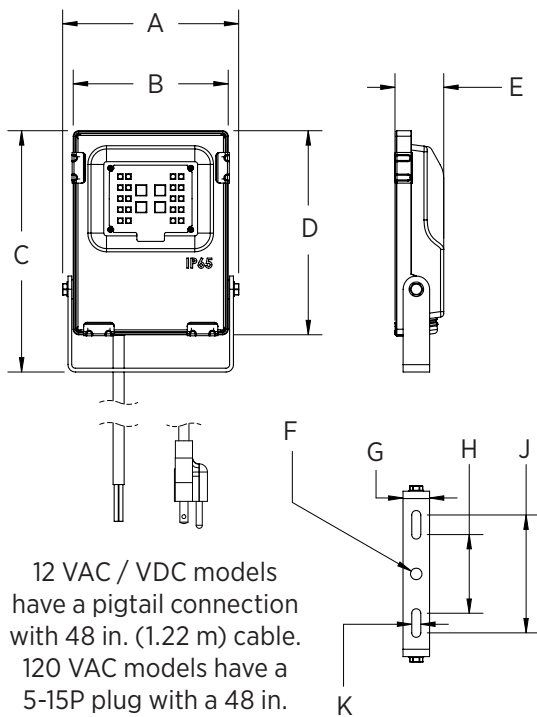
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Specifications

| Model | FL-RGBCCT-10W-12V | FL-RGBCCT-10W-120V | FL-RGBCCT-60W-120V |
|-------------------------------|---|--------------------|--------------------|
| Intensity ² | 680-760 lm | | 5,500-6,000 lm |
| Operating Voltage | 12 VAC / 12 VDC | 120 VAC | |
| Power Consumption | 10 W | | W |
| Current Draw | 1 A @ 12 VAC / 800 mA @ 12 VDC | 83 mA | 500 mA |
| Efficacy ² | 68-76 lm/W | | 91-100 lm/W |
| Color | RGB + CCT (2700K-6500K) | | |
| Beam Angle | 120° | | |
| CRI ² | 80+ | | |
| Dimming | yes (through paired remote or WIFI-CON2 controller) | | |
| IP Rating | IP65 | | |
| Ambient Operating Temperature | -4°-140° F (-20°-60° C) | | |
| Rated Life (L70) | 50,000 hours | | |
| Receiving Range | 98.4 ft (30 m) | | |

²white only, lumens vary by CCT with cooler CCTs being higher

Dimensional Drawings



12 VAC / VDC models have a pigtail connection with 48 in. (1.22 m) cable. 120 VAC models have a 5-15P plug with a 48 in. (1.22m) cable.

| Dimension FL- | RGBCCT-10W-12V / RGBCCT-10W-120V | RGBCCT-60W-120V |
|---------------|----------------------------------|----------------------|
| A | 4.9 in. (125 mm) | 9.8 in. (250 mm) |
| B | 4.2 in. (107 mm) | 8.8 in. (224 mm) |
| C | 6.6 in. (168 mm) | 12.4 in. (314 mm) |
| D | 5.6 in. (141 mm) | 10.6 in. (269 mm) |
| E | 1.3 in. (34 mm) | 2.3 in. (57 mm) |
| F | Ø 0.31 in. (8 mm) | Ø 0.5 in. (13 mm) |
| G | 0.7 in. (18 mm) | 1.2 in. (30 mm) |
| H | 2.25 in. (57 mm) | 3.5 in. (90 mm) |
| J | 3.25 in. (83 mm) | 5.6 in. (141 mm) |
| K | 0.25 in. (6.3 mm) | 0.4 in. (10.2 mm) |

