superbrightleds.com

FL-RGBCCT Series

RGB + CCT LED Flood Light Specifications

Project_____

Date_____Type_____

FL-RGBCCT-60W-120V

RGB □□□

Selectable CCT

MiBoxer Wireless Control

3-Year Warranty

Available Models[1]

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]

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

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 (2200K-6500K)
- 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)
- ☐ Wireless Controller Hub (WIFI-CON2)

WIFI-CON2

RGBCCT-MZ8-RF

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

T 866.811.5550
F 314.972.6202
email: commercial-sales@superbrightleds.com
www.superbrightleds.com/cat/industrial-led-lighting/

Rev V1 Date: 2/12/2021
Specifications are subject to change without notice.
Printed in the U.S.A.

Specifications
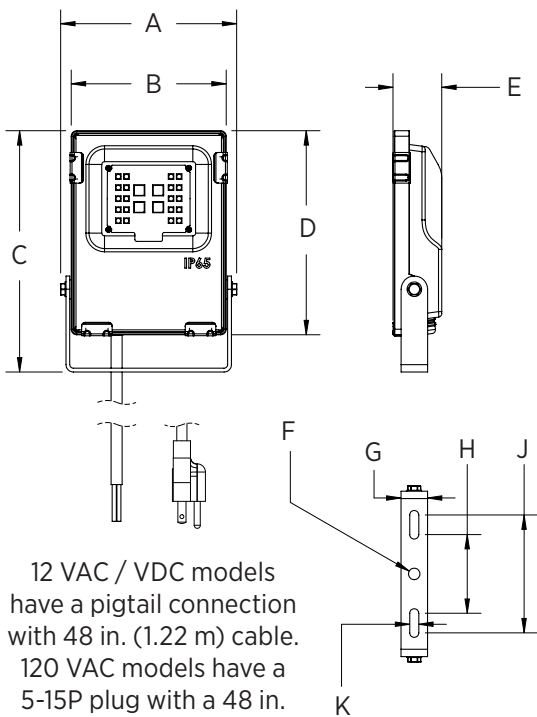
Model	FL-RGBCCT-10W-12V	FL-RGBCCT-10W-120V	FL-RGBCCT-60W-120V
Intensity²	750–900 lm	850–1,000 lm	5,500–6,000 lm
Operating Voltage	12 VAC / 12 VDC	120 VAC	
Power Consumption	10 W		W
Current Draw	1 A @ 12 VAC / 833 mA @ 12 VDC	140 mA	500 mA
Efficacy²	68–76 lm/W		91–100 lm/W
Color	RGB + CCT (2200K–6500K)		
Beam Angle	120°		
CRI²	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)

T 866.811.5550
F 314.972.6202
email: commercial-sales@superbrightleds.com
www.superbrightleds.com/cat/industrial-led-lighting/

Specifications are subject to change without notice.