



Rectangular shaped LED floodlight designed to replace 70W Metal Halide. Patent Pending airflow technology ensures long LED and driver lifespan. Use for building facade lighting, sign lighting, LED landscape lighting and instant-on security lighting.

Color: Bronze

Weight: 5.8 lbs

Project:

Type:

Prepared By:

Date:

#### Driver Info

Type	Constant Current
120V	0.2A
208V	0.15A
240V	0.13A
277V	0.11A
Input Watts	23W
Efficiency	78%

#### LED Info

Watts	18W
Color Temp	5000K (Cool)
Color Accuracy	72 CRI
L70 Lifespan	100,000
Lumens	2,310
Efficacy	100 LPW

## Technical Specifications

### LED Characteristics

#### Lumen Maintenance:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

#### Note:

All values are typical (tolerance +/- 10%)

#### LEDs:

Multi-chip, high-output, long-life LEDs

#### Color Consistency:

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

#### Color Stability:

LED color temperature is warranted to shift no more than 200K in CCT over a 5 year period

#### Color Uniformity:

RC's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for (SSL) Products, ANSI C78.377-2017.

### Construction

#### IP Rating:

Ingress Protection rating of IP66 for dust and water

#### Airflow:

Airflow technology heat sink for superior cooling

#### Ambient Temperature:

Suitable For use in 40°C (104°F)

#### Cold Weather Starting:

Minimum starting temperature is -40°C (-40°F)

#### Thermal Management Housing:

Die-cast aluminum housing, lens frame and mounting arm

#### Mounting:

Heavy-duty mounting arm with "O" ring seal & stainless steel screw

#### Reflector:

Semi-specular anodized aluminum

#### Gaskets:

High-temperature silicone gaskets

#### Finish:

Formulated for high-durability and long lasting color

#### Green Technology:

Mercury and UV-free. RoHS compliant components.

### Optical

#### NEMA Type:

7H x 6V Beam Spread

### Electrical

#### Driver:

Constant Current, Class 2, 100 - 277V, 50 - 60 Hz, 100 - 277VAC 0.4 Amps.

#### Surge Protection:

6kV

### Listings

#### IESNA LM-79 & LM-80 Testing:

RC LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

#### cUL Listing:

Suitable for wet locations. Suitable for ground mounting.

#### DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.

DLC Product Code: PMMC21F1

### Other

#### Warranty:

RC warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RC's warranty is subject to all terms and conditions found at

#### Patents:

The FFLED design is protected by U.S. Pat. D643,147, Canada Pat. 140798, China Pat. ZL201130171304.1, Mexico Pat. 36757 and pending patent in Taiwan.

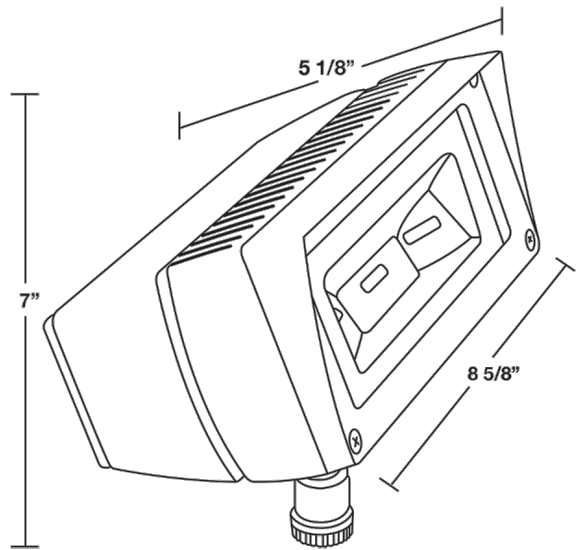
#### Equivalency:

Equivalent to 70W Metal Halide

FFLED18 RCL



Dimensions



Features

- Ultra efficient LED and optical design
- Replaces 70W MH floodlights
- 100,000 hour life based on LM-80 tests
- NEMA type - 7H x 6V
- Air-flow technology heatsink
- 5-Year, No-Compromise Warranty

Ordering Matrix

Family	Wattage	Mounting	Color Temp	NEMA Type	Finish	Driver	Photocell Options
FFLED	18	^	^	^	^	^	^
	18 = 18W	Blank = Swivel Arm	Blank = 5000K (Cool)	Blank = 7H x 6V	Blank = Bronze	Blank = On/Off	Blank = No Option
	26 = 26W	SF = Slipfitter	N = 4000K (Neutral)	B55 = 5H x 5V	W = White	/D10 = 0-10V Dimming	/PC = 120V Photocell
	39 = 39W	T = Trunnion	Y = 3000K (Warm)	B44 = 4H x 4V		/347 = 347V On/Off (not available for 80W models)	/PC2 = 277V Photocell
	52 = 52W						/PCS = 120V Swivel Photocell
	80 = 80W						/PCS2 = 277V Swivel Photocell
							/PCS3 = 347V Swivel Photocell