# FFLED120SFN/480/D10/7PR



Rectangular shaped LED floodlight with patent pending airflow fins to keep it running cool. Suggested application: building facades, signage, landscapes.

Color: Bronze

# **Technical Specifications**

#### Listings

#### **UL Listing:**

Suitable for wet locations. Suitable for mounting within 1.2m (4ft) of the ground.

#### **DLC Listed:**

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. DLC Product Code: PJ0QHE0H

DLC Product Code: PJUQHEUH

# IESNA LM-79 & LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy "Lighting Facts" label.

#### Electrical

#### Driver:

Constant Current, Class 1, 480V, 50/60 Hz, 480V: 0.27A

#### **Dimming Driver:**

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%.

#### THD:

9.2% at 480V

**Power Factor:** 

93.3% at 480V

#### 7-Pin Receptacle:

ANSI C136.41 7-pin receptacle, compatible with wireless control systems

#### **Surge Protection:**

4kV

# LED Characteristics

#### LEDs:

Weight: 20.6 lbs

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

## Lifespan:

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

#### **Color Stability:**

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

#### **Color Uniformity:**

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for (SSL) Products, ANSI C78.377-2015.

# Construction

#### IP Rating:

Ingress Protection rating of IP66 for dust and water

#### **Cold Weather Starting:**

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

#### Ambient Temperature:

SuitableFor use in 40°C (104°F) ambient temperatures.

#### **Thermal Management Housing:**

Superior heat sinking with external Air-Flow fins.

#### Housing:

Die-cast aluminum housing, lens frame and mounting arm.

# Project: Type: Prepared By: Date: Driver Info LED Info

Watts: Color Temp:

Color Accuracy:

L70 Lifespan: Lumens:

Efficacy:

Туре:	Constant Current
120V:	N/A
208V:	N/A
240V:	N/A
277V:	N/A
Input Watts:	121W
Efficiency:	99%

#### Mounting:

Heavy-duty Slipfitter for 2 3/8"OD pipe.

#### Lens:

Clear glass lens

#### Reflector:

Specular vacuum metalized polycarbonate

#### **Effective Projected Area:**

EPA = 1.3

#### Gaskets:

High-temperature silicone gaskets

#### Finish:

Formulated for high-durability and long lasting color.

#### Green Technology:

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

# Optical

#### NEMA Type:

NEMA Beam Spread of 7H x 6V



120W

4000K

75 CRI 100000

16598

137 LPW



# **Technical Specifications (continued)**

#### Other

#### Warranty:

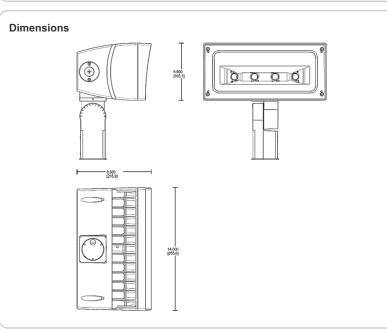
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

#### 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.

#### **Buy American Act Compliance:**

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.



# Features

Ultra efficient LED and optical design

100,000 hour life based on LM-80 tests

Air-flow technology heatsink

5-year warranty

#### **Ordering Matrix**

Family	Wattage	Mounting	Color Temp	Beam Spread	Finish	Voltage	Driver	Options
FFLED	120	SF	Ν			/480	/D10	/7PR
	<b>120 =</b> 120W	SF = Slipfitter T = Trunnion	Blank = 5000K (Cool) N = 4000K (Neutral) Y = 3000K (Warm)	Blank = 7H x 6V	Blank = Bronze W = White	Blank = 120- 277V /480 = 480V	<b>/D10</b> = 0-10V Dimming (standard)	Blank = No Option /7PR = 7PIN Receptacle /PCT = 120-277V 3PIN Twistlock Photocell /PCT4 = 480V 3PIN twistlock Photocell /LC = Lightcloud Controller (120- 277V only) /SP = 10KV Surge Suppresor