# FFLED120TY/480/D10/SP



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: PEDY8ZH3

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# 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

### Surge Protection:

10kV

### **LED Characteristics**

### LEDs:

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

### Lifespan:

Weight: 21.6 lbs

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.

### Mounting:

Heavy-duty Trunnion mount with stainless steel hardware.

# Project: Type: Prepared By: Date: Driver Info LED Info Type: Constant Current Watts: 120W 120V: N/A Color Temp: 3000K

Color Accuracy:

L70 Lifespan:

Lumens:

Efficacy:

 208V:
 N/A

 240V:
 N/A

 277V:
 N/A

 Input Watts:
 120W

 Efficiency:
 N/A

### Lens:

Clear glass lens

### **Reflector:**

Specular vacuum metalized polycarbonate

### **Effective Projected Area:**

EPA = 1.1

# 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

Other

### NEMA Type:

NEMA Beam Spread of 7H x 6V

# 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.



72 CRI

100000

136 LPW

16278



# **Technical Specifications (continued)**

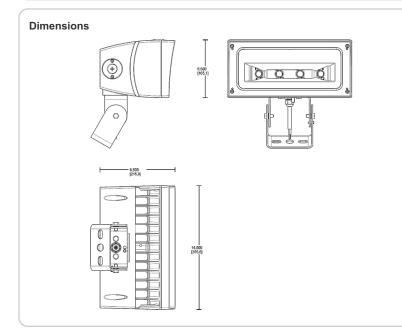
# Other

### 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	Т	Y			/480	/D10	/SP
	<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