# FFLED120TYW/480/D10





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

Color: White Weight: 21.6 lbs

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info			
Type:	Constant Current	Watts:	120W		
120V:	N/A	Color Temp:	3000K		
208V:	N/A	Color Accuracy:	72 CRI		
240V:	N/A	L70 Lifespan:	100000		
277V:	N/A	Lumens:	16278		
Input Watts:	120W	Efficacy:	136 LPW		
Efficiency:	N/A				

## **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

## 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:**

4kV

## **LED Characteristics**

#### LEDs:

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.

## Mounting:

Heavy-duty Trunnion mount with stainless steel hardware.

#### 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

## **NEMA Type:**

NEMA Beam Spread of 7H x 6V

## 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.



## **Technical Specifications (continued)**

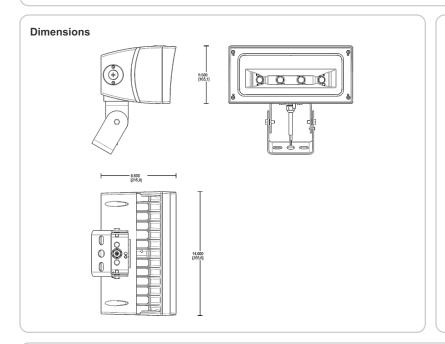
Other

## 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	Υ		W	/480	/D10			
	<b>120</b> = 120W	SF = Slipfitter T = Trunnion	Blank = 5000K (Cool) N = 4000K (Neutral)	Blank = 7H x 6V	Blank = Bronze W = White	Blank = 120- 277V /480 = 480V	/D10 = 0-10V Dimming (standard)	Blank = No Option /7PR = 7PIN Receptacle /PCT = 120-277V 3PIN Twistlock Photocell		
			<b>Y</b> = 3000K (Warm)					/PCT4 = 480V 3PIN twistlock Photocell /LC = Lightcloud Controller (120- 277V only)		
								/SP = 10KV Surge Suppresor		