# FFLED120TW/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:	1.01A	Color Temp:	5000K
208V:	0.63A	Color Accuracy:	75 CRI
240V:	0.54A	L70 Lifespan:	100000
277V:	0.46A	Lumens:	16106
Input Watts:	119W	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: PN7YOAO5

### 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, 120-277V, 50/60 Hz, 120V: 1.01A, 208V: 0.63A, 240V: 0.54A, 277V: 0.46A

## **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:

7% at 120V, 14% at 277V

#### **Power Factor:**

99.6% at 120V, 92.6% at 277V

#### **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 -35°C (-31°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)**

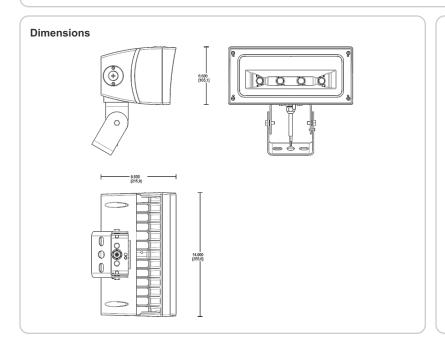
## Other

### 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

Family	Wattage	Mounting	Color Temp	Beam Spread	Finish	Voltage	Driver	Options
FFLED	120	Т			W		/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)