# FFLED180TN/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.

#### 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.

#### **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: PT4BLCY1

Electrical

# Driver:

Constant Current, Class 1, 120-277V, 50/60 Hz, 120V: 1.58A, 208V: 0.94A, 240V: 0.82A, 277V: 0.69A

#### **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:

6% at 120V, 8.7% at 277V

#### Power Factor:

99.8% at 120V, 96.2% at 277V

#### 7-Pin Receptacle:

ANSI C136.41 7-pin receptacle

#### **Surge Protection:**

4kV

#### LED Characteristics

#### LEDs:

Weight: 41.2 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 C78.377-2017.

#### 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 Type: Constant Current Watts: 180W 120V: 1.58A Color Temp: 4000K

120V:	1.58A
208V:	0.94A
240V:	0.82A
277V:	0.69A
Input Watts:	188W
Efficiency:	96%

#### Mounting:

Heavy-duty Trunnion mount with stainless steel hardware.

Color Accuracy:

L70 Lifespan: Lumens:

Efficacy:

#### Lens:

Clear glass lens

#### Reflector:

Specular vacuum metalized polycarbonate

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

EPA = 2.1

#### 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

# RAB

74 CRI 100000

28082

150 LPW

## Technical Specifications (continued)

### Other

#### Warranty:

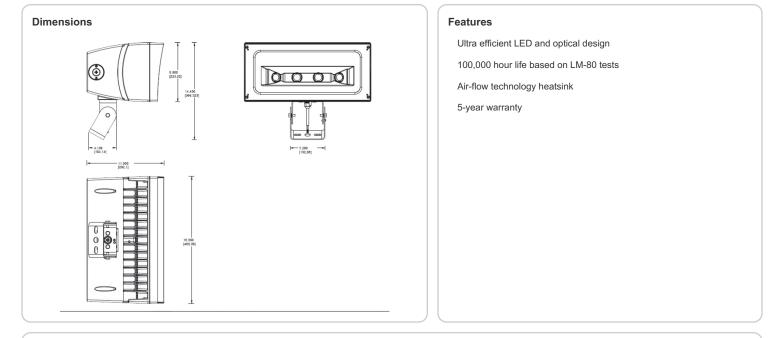
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

#### 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.



#### **Ordering Matrix**

Family	Wattage	Mounting	Color Temp	Beam Option	Finish	Driver	Options
FFLED	180	т	Ν			/D10	/7PR
	<b>230</b> = 230W <b>180</b> = 180W	SF = Slipfitter T = Trunnion	Blank = 5000K (Cool) N = 4000K (Neutral) Y = 3000K (Warm)	Blank = 7H x 6V	Blank = Bronze W = White	/D10 = 120-277V, 0-10V Dimming /480/D10 = 480V w/ 0-10V Dimming	Blank = No Option /7PR = 7 Pin Receptacle /PCT = 3 Pin Twistlock Photocell 120- 277V /PCT4 = 3 Pin Twistlock Photocell 480V /LC = Lightcloud® Controller /SP = 10KV Surge Suppressor