



Rectangular shaped LED floodlight designed to replace 100W Metal Halide. patentpending "Air-Flow" technology ensures long LED and driver lifespan. Use for building façades lighting, sign lighting, LED landscape lighting and instant-on security lighting.

Color: Bronze Weight: 9.8 lbs

Project:	Туре:
Prepared By:	Date:

<b>Driver Inf</b>	fo	LED Info	
Туре	Constant Current	Watts	26W
120V	0.24A	Color Temp	4000K (Neutral)
208V	0.15A	Color Accuracy	75 CRI
240V	0.13A	L70 Lifespan	100,000 Hours
277V	0.11A	Lumens	4,043
Input Watts	28.3W	Efficacy	142.9 lm/W

# **Technical Specifications**

# Compliance

# UL Listed:

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: P7WIBTTWC

# **Performance**

# Lifespan:

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

# **Electrical**

# **Driver:**

Constant Current, Class 2, 120-277V, 50-60Hz, 120V: 0.24A, 208V: 0.15A, 240V: 0.13A, 277V: 0.11A

# **Dimming Driver:**

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

#### THD:

8.47% at 120V, 17.83% at 277V

#### **Power Factor:**

99.1% at 120V. 90.3% at 277V

#### Note:

All values are typical (tolerance +/- 10%)

# Construction

# Lens:

Soda lime silica clear glass

#### Housing:

Die-cast aluminum housing, lens frame and mounting arm

## Mounting:

Heavy-duty mounting arm with "O" ring seal & stainless steel screw

## IP Rating:

Ingress protection rating of IP66 for dust and water

# **Maximum Ambient Temperature:**

Suitable for use in up to 40°C (104°F)

# **Cold Weather Starting:**

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



# **Technical Specifications (continued)**

#### Construction

# **Effective Projected Area:**

EPA = 0.65

# **Green Technology:**

Mercury and UV free. RoHS-compliant components.

## Finish:

Formulated for high durability and long-lasting color

## **LED Characteristics**

#### LEDs:

Long-life, high-efficacy, surface-mount LEDs

## **Color Consistency:**

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

# **Color Stability:**

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

# **Color Uniformity:**

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for (SSL) Products, ANSI C78.377-2017.

# **Optical**

## **NEMA Type:**

7H x 6V Beam Spread

#### Other

## **Equivalency:**

Equivalent to 100W Metal Halide

# 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. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

# **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.

# 7 1/2" 189 mm 10" 256 mm 11" 279 mm

# Features

Ultra-efficient LED and optical design

Replaces 100W MH floodlights

100,000-hour life based on LM-80 results and TM-21 calculations

"Air-Flow" technology heatsink

5-Year, No-Compromise Warranty



Ordering Matrix										
Family	Wattage	Mounting	Color Temp	NEMA Type	Finish	Driver	Options	Other Options		
FFLED	26		N							
	18 = 18W 26 = 26W 39 = 39W 52 = 52W 80 = 80W	Blank = Swivel Arm SF = Slipfitter T = Trunnion	Blank = 5000K (Cool) N = 4000K (Neutral) Y = 3000K (Warm)	Blank = 7H x 6V B55 = 5H x 5V B44 = 4H x 4V	Blank = Bronze W = White	Blank = On/Off <sup>1</sup> /D10 = 0-10V Dimming /480 = 480V On/Off <sup>2</sup> /E = 120-277V Battery Backup /EC = Cold Start Battery Backup	Blank = No Option /PC = 120V Photocell /PC2 = 277V Photocell /PCS = 120V Swivel Photocell /PCS2 = 277V Swivel Photocell /PCS4 = 480V Swivel Photocell /PCS4 = 120-277V Button Photocell /MS = Mini Sensor /STL3 = Stealth Sensor	Blank = Standard USA = BAA Compliant		
				Driver for 18W, <sup>2</sup> Not available fo						