## FFLED180SFNB55W/D10/SP

# RAB



Rectangular shaped LED floodlight with patent-pending "Air-Flow" fins to keep it running cool. Suggested application: building façades, signage, landscapes.

Color: White

		0.6	

Project:		Type:	Туре:			
Prep	ared By:	Date:				
Driver Ir	nfo	LED Info				
Туре	Constant Current	Watts	180W			
120V	1.58A	Color Temp	4000K (Neutral)			
208V	0.94A	Color Accuracy	y 74 CRI			
240V	0.82A	L70 Lifespan	100,000 Hours			
277V	0.69A	Lumens	26,477 lm			

## **Technical Specifications**

## Compliance

## UL Listed:

Suitable for wet locations. Suitable for mounting within 4ft (1.2m) of the ground.

#### **IP Rating:**

Ingress protection rating of IP66 for dust and water

## Electrical

#### Driver:

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

THD:

6% at 120V, 8.7% at 277V

**Power Factor:** 

99.8% at 120V, 96.2% at 277V

Surge Protection: 6kV

#### Other Note:

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

#### 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 <u>rablighting.com/warranty</u>.

#### 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.

#### **LED Characteristics**

#### LEDs:

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

#### **Color Stability:**

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

Efficacy

141.1 lm/W

#### Performance

#### Lifespan:

Input Watts 187.7W

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

#### Wattage Equivalency:

Equivalent to 750W Metal Halide

#### Optical

NEMA Type: NEMA Beam Spread 5H x 5V

#### Construction

**Cold Weather Starting:** The minimum starting temperature is -40°C (-40°F)

### Ambient Temperature:

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

#### **Thermal Management Housing:**

Superior heat sinking with external Air-Flow fins

#### Housing:

Die-cast aluminum housing, lens frame and mounting arm

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## **Technical Specifications (continued)**

Mounting:

Heavy-duty slipfitter for 2 3/8"OD pipe

Lens: Clear glass lens

Reflector: Specular vacuum-metalized polycarbonate

**Effective Projected Area:** EPA = 2.1

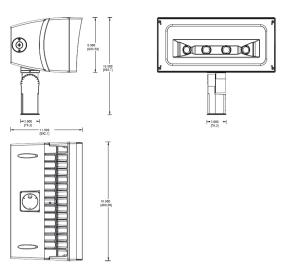
Gaskets: High-temperature silicone gaskets

**Finish:** Formulated for high durability and long-lasting color

Green Technology: Mercury and UV free. RoHS-compliant components.

**Tilt Increment:** Rotates in 6 degree increments

## Dimensions



## Features

Ultra-efficient LED and optical design 100,000-hour life based on LM-80 results and TM-21 calculations "Air-Flow" technology heatsink 5-Year, No-Compromise Warranty

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Family	Wattage	Mounting	Color Temp	Beam Spread	Finish	Driver Options	Options
FLED	180	SF	N	B55	W	/D10	/SP
	<b>180 =</b> 180W <b>230 =</b> 230W	SF = Slipfitter T = Trunnion	Blank = 5000K Cool N = 4000K Neutral Y = 3000K Warm	Blank = 7H x 6V B44 = 4H x 4V B55 = 5H x 5V	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 Photoce 120-277V /PCT4 = 3-Pin Twistlock Photocell 480V /LC = Lightcloud® Controller /SP = 10kV Surge Suppressor