



Project:	Туре:
Prepared By:	Date:

Driver Info	Driver Info		
Type	Constant Current	Watts	39W
120V	0.35A	Color Temp	5000K (Cool)
208V	N/A	Color Accuracy	75 CRI
240V	N/A	L70 Lifespan	100,000 Hours
277V	N/A	Lumens	5,281 lm
Input Watts	40.7W	Efficacy	129.8 lm/W

# **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

# Title 24 Compliant:

An FFLED flood light can be used with a motion sensor or photocell control option to comply with 2016 Title 24 Part 6 Section 130.2 (a,b,c)

# Performance

#### Lifespan:

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

# Wattage Equivalency:

Equivalent to 150W Metal Halide

#### 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 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.

# 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

# **Maximum Ambient Temperature:**

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

# **Cold Weather Starting:**

The minimum starting temperature is -40°C (-40°F)

#### 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



# **Technical Specifications (continued)**

# **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.

# Optical

# **NEMA Type:**

NEMA Beam Spread of 4H x 4V

# **Electrical**

# Driver:

Constant Current, Class 2, 120-277V, 50-60Hz, 120V: 0.35A, 208V: 0.23A, 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:

10.18% at 120V, 18.18% at 277V

# **Power Factor:**

99% at 120V, 91.4% at 277V

# Photocell:

120V Swivel photocell included. Photocell is only compatible with 120V.

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

# **Features**

Ultra-efficient LED and optical design

Replaces 150W MH floodlights

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

"Air-Flow" technology heatsink

5-Year, No-Compromise Warranty



FFLED 1: 22: 33: 55:	<b>Wattage</b> 39 <b>18</b> = 18W <b>26</b> = 26W	Mounting	Color Temp	NEMA Type B44	Finish	Driver	Options	Other Options
1: 2: 3: 5:	<b>18 =</b> 18W	SF - Clindittou		R//				
2 3 5		CF _ Climfittor		υ <del>11</del>	W		/PCS	
	39 = 39W 52 = 52W 80 = 80W	SF = Slipfitter T = Trunnion Blank = Swivel Arm	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 /PCU = 120-277V Button Photocell /MS = Mini Sensor /STL3 = Stealth Sensor	Blank = Standard USA = BAA Compliant
			<sup>1</sup> Din	nming Driver for 1	18W, 26W & 39W i ble for 80W mode	•		