



Rectangular shaped LED floodlight designed to replace 150W Metal Halide. patent-pending "Air-Flow" technology ensures long LED and driver lifespan. Use for building facades lighting, sign lighting, LED landscape lighting and instant-on security lighting.

Color: White

Weight: 12.5 lbs

Project:

Type:

Prepared By:

Date:

#### Driver Info

Type	Constant Current
120V	0.35A
208V	N/A
240V	N/A
277V	N/A
Input Watts	42.2W

#### LED Info

Watts	39W
Color Temp	3000K (Warm)
Color Accuracy	70 CRI
L70 Lifespan	100,000
Lumens	5,509
Efficacy	130.5 LPW

## Technical Specifications

### Electrical

#### Photocell:

120V Button Photocell Included. Photocell is only compatible with 120V.

#### Surge Protection:

4kV

#### Driver:

Constant Current, Class 2, 1050mA, 100-277V, 50/60Hz, 0.6A, Power Factor 99%

### Listings

#### UL Listing:

Suitable For Wet Locations. Suitable for ground mounting.

#### IESNA LM-79 & LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

### LED Characteristics

#### Lifespan:

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

#### Note:

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

#### LEDs:

Two multi-chip, 26Watt high performance LEDs

#### Color Consistency:

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

#### Color Stability:

LED color temperature is warranted 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

#### Ambient Temperature:

Suitable For use in 40°C (104°F)

#### Cold Weather Starting:

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

#### Thermal Management Housing:

Superior heat sinking with external Air-Flow fins

#### Mounting:

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

#### Effective Projected Area:

EPA = 0.65

#### Reflector:

Specular vacuum-metallized polycarbonate

#### Gaskets:

High-temperature silicone gaskets

## Technical Specifications (continued)

## Construction

## Finish:

Formulated for high durability and long-lasting color

## Green Technology:

Mercury and UV free. RoHS-compliant components.

## Threaded Size:

1/2" threaded arm

## 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. RAB's warranty is subject to all terms and conditions found at [www.rablighting.com/legal#warranty](http://www.rablighting.com/legal#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.

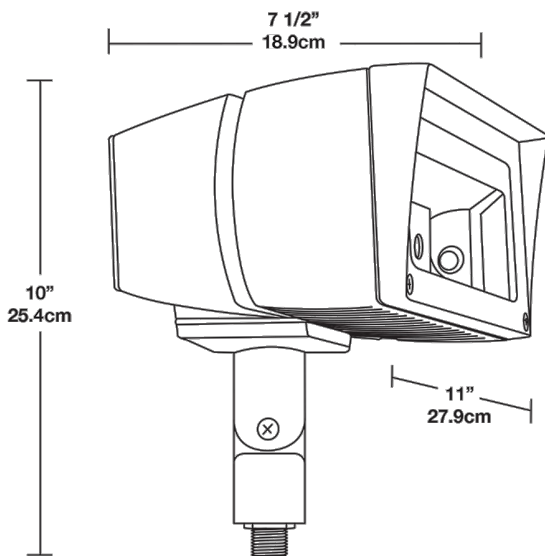
## Equivalency:

Equivalent to 150W Metal Halide

## 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.

## Dimensions



## 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

## Ordering Matrix

Family	Wattage	Mounting	Color Temp	NEMA Type	Finish	Driver	Photocell Options	Other Options
FFLED	39		Y		W		/PC	
	18 = 18W	Blank = Swivel Arm	Blank = 5000K (Cool)	Blank = 7H x 6V	Blank = Bronze	Blank = On/Off /D10 = 0-10V Dimming	Blank = No Option /PC = 120V Photocell	USA = BAA Compliant
	26 = 26W	SF = Slipfitter T = Trunnion	N = 4000K (Neutral)	B55 = 5H x 5V	W = White	/480 = 480V On/Off (not available for 80W models)	/PC2 = 277V Photocell	Blank = Standard
	39 = 39W		Y = 3000K (Warm)	B44 = 4H x 4V			/PCS = 120V Swivel Photocell	
	52 = 52W						/PCS2 = 277V Swivel Photocell	
	80 = 80W						/PCS4 = 480V Swivel Photocell	