

Color: White

Weight: 12.2 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant Current	Watts	100/80/50W
120V	0.83A/0.64A/0.44A	Color Temp	3000/4000/5000K
208V	0.60A/0.40A/0.25A	Color Accuracy	82-83 CRI
240V	0.50A/0.35A/0.21A	L70 Lifespan	100,000 Hours
277V	0.39A/0.29A/0.19A	Lumens	7,533-15,343 lm
Input Watts	46.4-96.6W	Efficacy	144.9-174.4 lm/W

LED Info**Technical Specifications****Field Adjustability****Field Adjustable:**

Field Adjustable Light Output:
100W/80W/50W (factory default 80W)
Color temperature selectable by 3000K, 4000K and 5000K (factory default 4000K)

Compliance**UL Listed:**

Suitable for wet locations

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.

IP Rating:

Ingress protection rating of IP65 for dust and water

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. Designed to meet DLC 5.1 requirements.

DLC Product Code: S-F07DJL

Performance**Lifespan:**

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

Wattage Equivalency:

100W: Replaces up to 400W Metal Halide (MH) or 310W High Pressure Sodium (HPS)
80W: Replaces up to 350W Metal Halide (MH) or 250W High Pressure Sodium (HPS)
50W: Replaces up to 200W Metal Halide (MH) or 150W High Pressure Sodium (HPS)

Electrical**Driver:**

100W: Constant Current, Class 1, Class P, 120-277V, 50/60 Hz, 120V: 0.83A, 208V: 0.60A, 240V: 0.50A, 277V: 0.39A
80W: Constant Current, Class 1, Class P, 120-277V, 50/60 Hz, 120V: 0.64A, 208V: 0.40A, 240V: 0.35A, 277V: 0.29A
50W: Constant Current, Class 1, Class P, 120-277V, 50/60 Hz, 120V: 0.44A, 208V: 0.25A, 240V: 0.21A, 277V: 0.19A

Dimming Driver:

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

Surge Protection:

L-L: 4kV; L/N-G: 6kV

Photocell:

Integrated photocell included with on/off switch

Construction**IES Classification:**

The Type V distribution produces light in a wide and uniform 360° pattern that is perfect for large outdoor areas such as parking lots, corporate parks and retail settings

Cold Weather Starting:

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

Maximum Ambient Temperature:

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

Lens:

Clear polycarbonate lens

Housing:

Die-cast aluminum housing, lens frame and mounting arm

Effective Projected Area:

EPA = 0.2

Vibration Rating:

3G

Finish:

Formulated for high durability and long-lasting color

Technical Specifications (continued)

Green Technology:

Includes recycled plastic and RoHS-compliant components.

LED Characteristics

LEDs:

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

Color Uniformity:

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

Installation

Mounting:

Universal mounting arm compatible for hole spacing patterns from 1" to 5 1/2" center to center. Round Pole Adaptor plate included as a standard. Easy slide and lock to mount fixture with ease. Round pole diameter must be >4" to mount fixtures at 90° orientation.

Optical

BUG Rating:

100W: B4 U0 G2

80W: B3 U0 G2

50W: B3 U0 G1

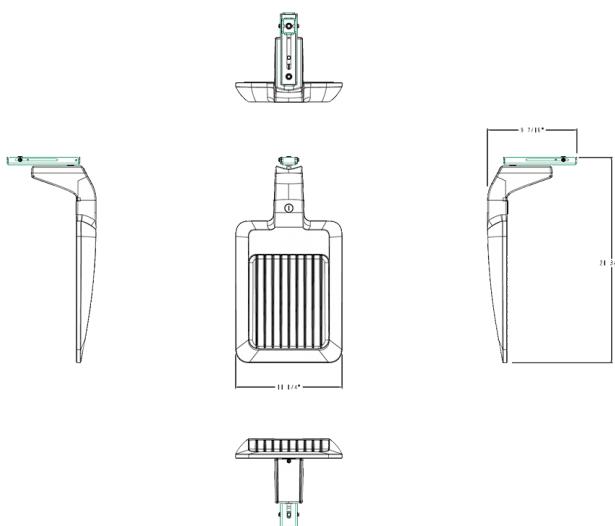
Other

5 Yr Limited Warranty:

The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

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**

- 100,000-hour LED Life
- 0-10V dimming standard
- IP65 rating protects against dust and water
- 5-Year, limited warranty

Ordering Matrix

Family	Distribution	Size/Wattage	Mounting	Color Temp	Finish	Driver	Options
A34	T5	S			W		
T4 = Type IV	S = Small 100/80/50W		Blank = Universal	Blank = 3000/4000/5000K CCT		Blank = 120-277V, 0-10V Dimming	Blank = No Option
T5 = Type V	M = Medium 150/125/100W		Pole Mount	Adjustable	Bronze	/480 = 480V, 0-10V Dimming	/PIR = Passive Infrared Occupancy Sensor
T3 = Type III	L = Large 250/200/150W	XL = Extra Large 340/270/220W	SF = Slipfitter Mount		W = White		/MVS = Microwave Motion Sensor
			WM = Wall Mount				/LCBS = Lightcloud Blue w/PIR Sensor
							/LCBS/MVS = Lightcloud Blue w/MVS Sensor

¹ 480V available on M, L, and XL models only.