



Project:	Type:
Prepared By:	Date:

Driver Info		LED 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

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 = 0.3

**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

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#### 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

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#### Mounting:

Wall mount

### Optical

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#### BUG Rating:

100W: B4 U0 G2

80W: B3 U0 G2

50W: B3 U0 G1

### Other

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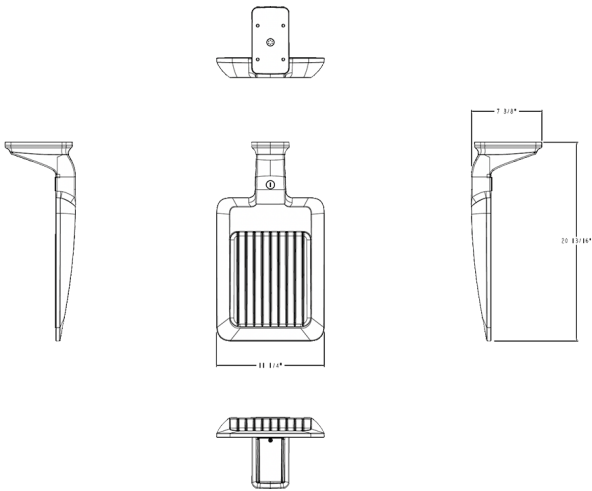
#### 5 Yr Limited Warranty:

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

<sup>1</sup> 480V available on M, L, and XL models only.