



Color: Gray

Weight: 4.9 lbs

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	120/100/80W
120V	1.00A/0.85A/0.68A	Color Temp	Field Adjustable 3000/4000/5000K
208V	0.58A/0.48A/0.39A	Color Accuracy	82-85 CRI
240V	0.50A/0.42A/0.33A	L70 Lifespan	100,000 Hours
277V	0.42A/0.37A/0.29A	Lumens	11,422-17,328 lm
Input Watts	78.5-119.4W	Efficacy	132.5-163.1 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:
120W/100W/80W (factory default 120W)
Color temperature selectable by 5000K, 4000K and 3000K (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

Trade Agreements Act Compliant:

This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

DLC Listed:

This product family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at designlights.org to confirm the qualification status of a specific SKU prior to specification or purchase.

Electrical

Driver:

Constant Current, Class 1, 120-277V, 50/60 Hz, 120W: 1.00A, 208V: 0.58A, 240V: 0.50A, 277V: 0.42A
100W: 0.85A, 208V: 0.48A, 240V: 0.42A, 277V: 0.37A
80W: 0.68A, 208V: 0.39A, 240V: 0.33A, 277V: 0.29A

Dimming Driver:

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

THD:

60W: 5.25% at 120V, 11.05% at 277V
50W: 5.25% at 120V, 11.05% at 277V
40W: 5.25% at 120V, 11.05% at 277V

Power Factor:

120W: 99.8% at 120V, 96.3% at 277V
100W: 99.7% at 120V, 96.3% at 277V
80W: 99.6% at 120V, 96.3% at 277V

Photocell:

120-277V Integrated dusk to dawn photocell

Surge Protection:

6 kV

Optical

BUG Rating:

120W: B3 U3 G2
100W: B3 U3 G2
80W: B3 U3 G1

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.

Performance

Lifespan:

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

Technical Specifications (continued)

Wattage Equivalency:

120W: Replaces up to 400W Metal Halide (MH) or 310W High Pressure Sodium (HPS)
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)

Construction

Cold Weather Starting:

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

Maximum Ambient Temperature:

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

Housing:

Precision die-cast aluminum housing and arm

Effective Projected Area (EPA):

EPA = 0.27

Lens:

Polycarbonate lens

Reflector:

Polyethylene Terephthalate (PET)

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Installation

Mounting:

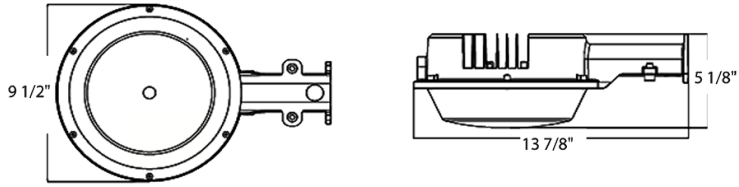
Mounts on wall or existing arm/pole YARM24 (1 5/8" diameter pipe)

Other

5-Year 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.

Dimensions



Features

- 100,000-Hour LED lifespan
- 120-277V Integrated dusk to dawn photocell
- 0-10V dimming, standard
- 5-Year, limited warranty