



Color: Gray

Weight: 3.8 lbs

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	60/50/40W
120V	0.50A/0.42A/0.33A	Color Temp	Field Adjustable 3000/4000/5000K
208V	0.29A/0.24A/0.19A	Color Accuracy	82-85 CRI
240V	0.25A/0.21A/0.17A	L70 Lifespan	100,000 Hours
277V	0.22A/0.18A/0.14A	Lumens	5,502-8,728 lm
Input Watts	38.6-60.9W	Efficacy	132.4-161.2 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:
60W/50W/40W (factory default 60W)
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 P, 120V-277V, 50/60 Hz,
60W: 120V: 0.50A, 208V: 0.29A, 240V: 0.25A, 277V: 0.22A
50W: 120V: 0.42A, 208V: 0.24A, 240V: 0.21A, 277V: 0.18A
40W: 120V: 0.33A, 208V: 0.19A, 240V: 0.17A, 277V: 0.14A

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:

60W: 99.6% at 120V, 94% at 277V
50W: 99.5% at 120V, 94% at 277V
40W: 99.3% at 120V, 94% at 277V

Photocell:

120-277V Integrated dusk to dawn photocell

Surge Protection:

L-N: 4 kV
L/N-PE: 6 kV

Optical

BUG Rating:

60W: B3 U3 G1
50W: B3 U2 G1
40W: B2 U2 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.

Technical Specifications (continued)

Performance

Lifespan:

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

Wattage Equivalency:

60W: Replaces up to 250W Metal Halide (MH) or 200W High Pressure Sodium (HPS)

50W: Replaces up to 200W Metal Halide (MH) or 150W High Pressure Sodium (HPS)

40W: Replaces up to 200W Metal Halide (MH) or 150W 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:

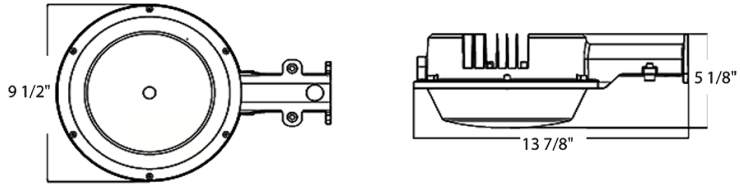
Mounts on wall or existing arm/pole YARM24 (1 5/8" diameter pipe)

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