YBLEDH/PCT



Color: Gray

Weight: 4.9 lbs

Project:	**Type:**
Prepared By:	**Date:**

Driver Info

Type	Constant Current
120V	1.00A/0.85A/0.68A
208V	0.58A/0.48A/0.39A
240V	0.50A/0.42A/0.33A
277V	0.42A/0.37A/0.29A
Input Watts	78.5-119.4W

LED Info

Watts	120/100/80W
Color Temp	Field Adjustable 3000K/4000K/5000K
Color Accuracy	82-85 CRI
L70 Lifespan	100,000 Hours
Lumens	11,422-17,328 lm
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 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-5QVQHC

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:
6kV

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 IES LM-80 results and TM-21 calculations

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)

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Technical Specifications (continued)

Construction

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)

Housing:
Precision die-cast aluminum housing and arm

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

Effective Projected Area:
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.

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.

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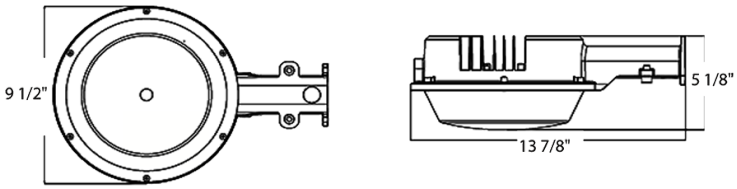
Dimensions



Features

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

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