YBLED/PCT

RAB®

Color: Gray   Weight: 4.0 lbs

Project:		Type:	
Prepared By:		Date:	

Driver Info

Type	Constant Current
120V	0.50A/0.42A/0.33A
208V	0.29A/0.24A/0.19A
240V	0.25A/0.21A/0.17A
277V	0.22A/0.18A/0.14A
Input Watts	38.6-60.9W

LED Info

Watts	60/50/40W
Color Temp	Field Adjustable 3000K/4000K/5000K
Color Accuracy	82-85 CRI
L70 Lifespan	100,000 Hours
Lumens	5,502-8,728 lm
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 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-HL6IUZ

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: 4kV
L/N-PE: 6kV

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.

Performance

Lifespan:
100,000-Hour LED lifespan based on IES LM-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)

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.
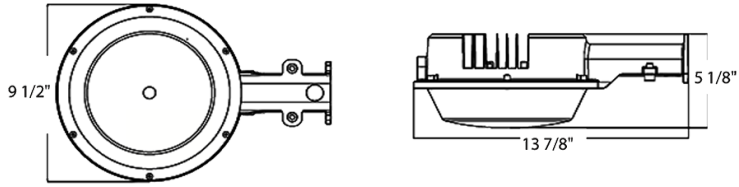
Other

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.

Dimensions

9 1/2"

13 7/8"

5 1/8"

Features

100,000-Hour LED lifespan

120-277V Integrated dusk to dawn photocell

0-10V dimming, standard

5-Year, limited warranty

Need help? Tech help line: **(888) 722-1000** Email: **sales@rablighting.com** Website: **www.rablighting.com**

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