W34M



Color: Bronze

Weight: 10.0 lbs

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

Driver Info

Type	Constant Current
120V	0.67A/0.50A/0.34A
208V	0.40A/0.30A/0.20A
240V	0.34A/0.25A/0.17A
277V	0.30A/0.22A/0.15A
Input Watts	41.6-89.7W

LED Info

Watts	80/60/40W
Color Temp	3000K/4000K/5000K
Color Accuracy	75-77 CRI
L70 Lifespan	100,000 Hours
Lumens	6,174-12,495 lm
Efficacy	127.6-157.5 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:
Field Adjustable Light Output:
80W/60W/40W (factory default 80W)
Color temperature selectable by 5000K, 4000K and 3000K

Compliance

UL Listed:
Suitable for wet locations

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-F9NLOH

Electrical

Driver:
Constant Current, Class 2, 120-277V, 50/60Hz:
80W: 120V: 0.67A, 208V: 0.40A, 240V: 0.34A, 277V: 0.30A
60W: 120V: 0.50A, 208V: 0.30A, 240V: 0.25A, 277V: 0.22A
40W: 120V: 0.34A, 208V: 0.20A, 240V: 0.17A, 277V: 0.15A

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

THD:
2.97% at 120V, 5.18% at 277V

Power Factor:
99.6% at 120V, 94.8% at 277V

Photocell:
Integrated photocell included with on/off switch

Performance

Lifespan:
100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Wattage Equivalency:
80W: Replaces up to 400W Metal Halide or 250W High Pressure Sodium
60W: Replaces up to 250W Metal Halide or 200W High Pressure Sodium
40W: Replaces up to 200W Metal Halide or 150W High Pressure Sodium

LED Characteristics

LEDs:
Long-life, high-efficacy, 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.

Construction

Housing:
Die-cast aluminum

Lens:
Glass

Reflector:
Specular aluminum

Cold Weather Starting:
The minimum starting temperature is -40°C (-40°F)

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Technical Specifications (continued)

Maximum Ambient Temperature:
Suitable for use in up to 40°C (104°F)

Mounting:
Die-cast backbox with four (4) conduit entry points and knockout pattern for junction box or direct wall mounting. Hinged door for easy re-assembly.

Green Technology:
Mercury and UV free. RoHS-compliant components.

Finish:
Formulated for high durability and long-lasting color

Optical

BUG Rating:
80W: B1 U3 G5
60W: B1 U3 G4
40W: B1 U3 G3

Other

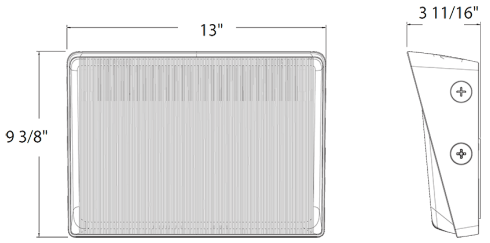
5 Yr Limited Warranty:
The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Note:
All values are typical (tolerance +/- 10%)

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
- 0-10V dimming standard
- 5-Year, limited warranty

Ordering Matrix

Family	Size (Wattages)	Color Temp	Finish	Voltage	Options
W34	M				
	S = Small (35/25/17W) **M =** Medium (80/60/40W) **L =** Large (150/100/75W)	**Blank =** 3000K/4000K/5000K CCT Adjustable	**Blank =** Bronze	**Blank =** 120-277V, 0-10V Dimming	**Blank =** Integrated Photocell

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