



Color: White

Weight: 0.8 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

|             |                   |
|-------------|-------------------|
| Type        | Constant Current  |
| 120V        | 0.14A/0.12A/0.08A |
| 208V        | N/A               |
| 240V        | N/A               |
| 277V        | 0.06A/0.05A/0.04A |
| Input Watts | 10.4-16.4W        |

LED Info

|                |                   |
|----------------|-------------------|
| Watts          | 16/13/10W         |
| Color Temp     | 3000K/4000K/5000K |
| Color Accuracy | 81-84 CRI         |
| L70 Lifespan   | 100,000 Hours     |
| Lumens         | 1,468-2,353 lm    |
| Efficacy       | 131-150.6 lm/W    |

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:  
16W/13W/10W (factory default 16W)  
Color temperature selectable 3000K, 4000K and 5000K (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 on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.  
DLC Product Code: S-P1Q64R

Electrical

Driver:

Constant Current, Class 1, 120/277V, 50/60 Hz  
16W: 120V: 0.14A, 277V: 0.06A  
13W: 120V: 0.12A, 277V: 0.05A  
10W: 120V: 0.08A, 277V: 0.04A

THD:

16W: 14.3% at 120V, 16.2% at 277V  
13W: 14.0% at 120V, 16.4% at 277V  
10W: 14.6% at 120V, 14.8% at 277V

Power Factor:

16W: 98.2% at 120V, 92.9% at 277V  
13W: 98.6% at 120V, 90.5% at 277V  
10W: 98.3% at 120V, 87.8% at 277V

Surge Protection:

2kV

Optical

NEMA Type:

NEMA Beam Spread of 7H x 7V

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.

Performance

Lifespan:

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

Wattage Equivalency:

16W: Replaces up to 70W Metal Halide (MH) or 70W High Pressure Sodium (HPS)  
13W: Replaces up to 70W Metal Halide (MH) or 50W High Pressure Sodium (HPS)  
10W: Replaces up to 70W Metal Halide (MH) or 50W High Pressure Sodium (HPS)

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:

Die-cast aluminum

**Technical Specifications (continued)****Mounting:**

Knuckle mount

**Lens:**

Glass

**Reflector:**

Polycarbonate

**Finish:**

Formulated for high durability and long-lasting color

**Green Technology:**

Mercury and UV free. RoHS-compliant components.

**Other****Note:**

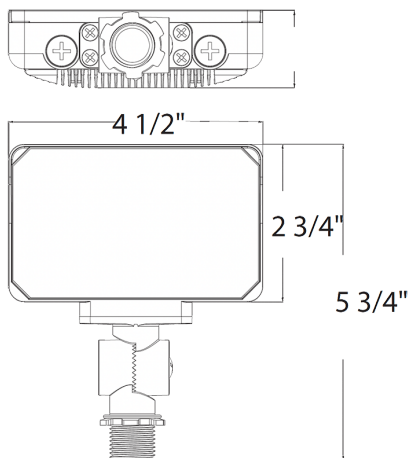
All values are typical (tolerance +/- 10%)

**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](http://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****Features**

- 100,000-Hour LED lifespan
- IP65 Rated
- 5-Year, limited warranty

Ordering Matrix

| Family | Wattages | Mounting | Color Temp | Finish | Driver |
|--------|----------|----------|------------|--------|--------|
| X34    | XS       |          |            | W      |        |

XS = 16/13/10W  
S = 35/25/20W  
M = 65/55/45W

Blank = Knuckle

Blank = 3000K/4000K/5000K CCT Adjustable

Blank = Bronze  
W = White

Blank = 120V/277V