



Color: Bronze

Weight: 8.8 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant
120V	1.20A
208V	0.71A
240V	0.62A
277V	0.56A
Input Watts	73-151.4W

LED Info

Watts	150/125/100/75W
Color Temp	3000K/4000K/5000K
Color Accuracy	81-84 CRI
L70 Lifespan	100,000 Hours
Lumens	10,584-22,797 lm
Efficacy	122.6-176.4 lm/W

Technical Specifications

Field Adjustability

**Optical Field Adjustability:**  
90°, 75° and 55°

Field Adjustable:

Field Adjustable Light Output:  
150W/125W/100W/75W (factory default 150W)  
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

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-P9XAG4

Electrical

Driver:

150W: Class 1, Constant Current, 120-277V, 50/60 Hz, 120V: 1.20A, 208V: 0.71A, 240V: 0.62A, 277V: 0.56A

125W: Class 1, Constant Current, 120-277V, 50/60 Hz, 120V: 1.01A, 208V: 0.60A, 240V: 0.53A, 277V: 0.47A

100W: Class 1, Constant Current, 120-277V, 50/60 Hz, 120V: 0.83A, 208V: 0.49A, 240V: 0.43A, 277V: 0.39A

75W: Class 1, Constant Current, 120-277V, 50/60 Hz, 120V: 0.69A, 208V: 0.37A, 240V: 0.34A, 277V: 0.31A

Dimming Driver:

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

THD:

7.14% at 120V, 4.58% at 277V

Power Factor:

93% at 120V, 99.7% at 277V

Surge Protection:

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

Photocell:

Integrated photocell included with on/off switch

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.

Color Consistency:

3000K & 5000K: 5-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color  
4000K: 7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Performance

Lifespan:

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

Performance Data:

[Click here for the X22-150 performance data](#)

Construction

Cold Weather Starting:

The minimum starting temperature is -30°C (-22°F)

**Technical Specifications (continued)****Maximum Ambient Temperature:**

Suitable for use in up to 50°C (122°F)

**Housing:**

Die-cast aluminum

**Mounting:**

Slipfitter with tilt angle in 10° increments. Trunnion kit is included.

**Tilt Increment:**

Rotates in 6 degree increments

**Lens:**

Tempered glass

**Effective Projected Area:**

1 Fixture: 0.432 ft<sup>2</sup>

2 Fixtures at 90°: 1.093 ft<sup>2</sup>

2 Fixtures at 180°: 0.865 ft<sup>2</sup>

3 Fixtures at 90°: 1.525 ft<sup>2</sup>

4 Fixtures at 90°: 1.525 ft<sup>2</sup>

**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%)

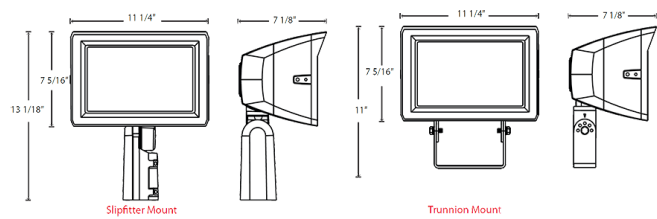
**5 Yr Limited Warranty:**

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

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

Ordering Matrix

Family	Wattage	Color Temp	Mounting	Finish	Beam Angle	Voltage	Options
X22	150	Blank = 3000K/4000K/5000K CCT Adjustable	Blank = Knuckle Mount Installed with Yoke Kit Included Blank = Knuckle Mount Installed with Trunnion Kit Included Blank = Slipfitter Mount Installed with Trunnion Kit Included	Blank = Bronze W = White	Blank = Selectable Beam Angle (Medium to Very Wide Flood 55-100°)	Blank = 120-277V /480 = 480V, 0-10V Dimming	Blank = Selectable On/Off Photocell

X22-20 & X22-35: Knuckle mount installed with yoke mount included.  
X22-60 & X22-80: Knuckle mount installed with trunnion mount included.  
150W: Slipfitter mount installed with trunnion mount included.