



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     | 3000/4000/5000K  |
| 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 family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at [designlights.org](https://www.designlights.org) to confirm the qualification status of a specific SKU prior to specification or purchase.

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: 6 kV, L-N: 6 kV

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

## Technical Specifications (continued)

### Performance

**Lifespan:**

100,000-Hour LED lifespan based on IESlm-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 -22°F (-30°C)

**Maximum Ambient Temperature:**

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

**Housing:**

Die-cast aluminum

**Tilt Increment:**

Rotates in 6 degree increments

**Lens:**

Tempered glass

**Effective Projected Area (EPA):**

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.

### Installation

**Mounting:**

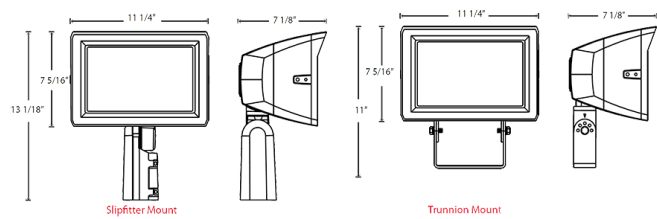
Slipfitter with tilt angle in 10° increments. Trunnion kit is included.

### Other

**5-Year 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).

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                                      | Driver                                               | Options                                |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-------------------------------------------------|------------------------------------------------------|----------------------------------------|
| X22    | 150                                                                                                                                                                                                               |                                           | Blank                                                                                                                                                                                                   |                                |                                                 |                                                      |                                        |
|        | 35 = 35/30/25/20W<br>60 = 60/50/40/30W<br>80 = 80/70/60/50W<br>150 = 150/125/100/75W<br>250 = 250/220/190/160W<br>320 = 320/280/240/200W<br>420 = 420/380/340/300W<br>500 = 500/450/420/380W<br>20 = 20/17/13/10W | Blank = 3000/4000/5000K<br>CCT Adjustable | Blank = Knuckle Mount<br>Installed with Yoke Kit<br>Included<br>Blank = Knuckle Mount<br>Installed with Trunnion<br>Kit Included<br>Blank = Slipfitter<br>Mount Installed with<br>Trunnion Kit Included | Blank =<br>Bronze<br>W = White | Blank = Selectable<br>Beam Angle<br>(55/75/90°) | Blank =<br>120-277V<br>/480 = 480V,<br>0-10V Dimming | Blank = Selectable<br>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.

X22-150-500: Slipfitter mount installed with trunnion mount included. 480V only available in 150W-500W.