



Color: Bronze

Weight: 2.0 lbs

|                     |              |
|---------------------|--------------|
| <b>Project:</b>     | <b>Type:</b> |
| <b>Prepared By:</b> | <b>Date:</b> |

| Driver Info |          | LED Info     |                   |
|-------------|----------|--------------|-------------------|
| Type        | Constant | Watts        | 20/17/13/10W      |
| 120V        | 0.17A    | Color Temp   | 3000K/4000K/5000K |
| 208V        | 0.10A    | Color        | 81-84 CRI         |
| 240V        | 0.08A    | Accuracy     |                   |
| 277V        | 0.07A    | L70 Lifespan | 50,000 Hours      |
| Input Watts | 9.5-21W  | Lumens       | 1,310-3,120 lm    |
|             |          | Efficacy     | 123-164.7 lm/W    |

**Technical Specifications**

**Field Adjustability**

**Optical Field Adjustability:**

90°, 75° and 55°

**Field Adjustable:**

Field Adjustable Light Output:

20W/17W/13W/10W (factory default 20W)

Color Temperature Selectable:

3500K, 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

**Electrical**

**Driver:**

20W: Class 1, Constant Current, 120-277V, 50/60 Hz, 120V: 0.17A, 208V: 0.10A, 240V: 0.08A, 277V: 0.07A

17W: Class 1, Constant Current, 120-277V, 50/60 Hz, 120V: 0.14A, 208V: 0.08A, 240V: 0.07A, 277V: 0.07A

13W: Class 1, Constant Current, 120-277V, 50/60 Hz, 120V: 0.11A, 208V: 0.07A, 240V: 0.06A, 277V: 0.05A

10W: Class 1, Constant Current, 120-277V, 50/60 Hz, 120V: 0.09A, 208V: 0.05A, 240V: 0.05A, 277V: 0.04A

**Dimming Driver:**

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

**THD:**

6.46% at 120V, 9.48% at 277V

**Power Factor:**

91.9% at 120V, 99.1% at 277V

**Surge Protection:**

L/N-PE: 2.5kV, L-N: 2.5kV

**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:**

50,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

**Performance Data:**

[Click here for the X22-20 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:**

Robust knuckle mount with 180° adjustable swivel arm. Tilt angle in 10° increments. Yoke kit is included.

**Lens:**

Tempered glass

**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%)

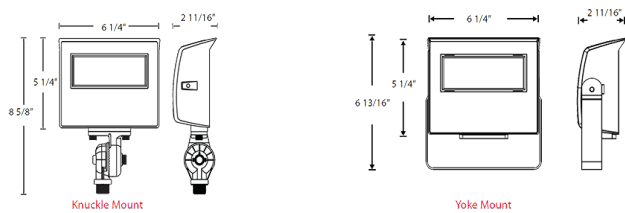
**5 Yr Limited Warranty:**

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
- 50,000-Hour LED lifespan
- 5-Year, limited warranty

Ordering Matrix

| Family   | Wattage   | Color Temp   | Mounting   | Finish                                       | Beam Angle  | Voltage  | Options  |
|--|---|--|--|--|---|--|--|
| X22  | -   | 20   |  |  |   |  |  |
|  | 20 = 20/17/13/10W<br>35 = 35/30/25/20W<br>60 = 60/50/40/30W<br>80 = 80/70/60/50W<br>150 = 150/125/100/75W | <b>Blank =</b> 3000K/4000K/5000K<br>CCT Adjustable | <b>Blank =</b> Knuckle<br>Mount Installed with<br>Yoke Kit Included<br><b>Blank =</b> Knuckle<br>Mount Installed with<br>Trunnion Kit<br>Included<br><b>Blank =</b> Slipfitter<br>Mount Installed with<br>Trunnion Kit<br>Included | <b>Blank =</b><br>Bronze<br><b>W =</b> White | <b>Blank =</b> Selectable<br>Beam Angle (Medium<br>to Very Wide Flood<br>55-100°) | <b>Blank =</b><br>120-277V<br><b>/480 =</b> 480V,<br>0-10V Dimming | <b>Blank =</b><br>Selectable on/off<br>Photocell |
| <p><i>X22-20 &amp; X22-35: Knuckle mount installed with yoke mount included.</i></p> <p><i>X22-60 &amp; X22-80: Knuckle mount installed with trunnion mount included.</i></p> <p><i>150W: Slipfitter mount installed with trunnion mount included.</i></p> |   |  |  |  |   |  |  |