



<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	3000/4000/5000K
208V	0.10A	Color Accuracy	81-84 CRI
240V	0.08A	L70 Lifespan	100,000 Hours
277V	0.07A	Lumens	1,310-3,120 lm
Input Watts	9.5-21W	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:  
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](http://designlights.org) to confirm the qualification status of a specific SKU prior to specification or purchase.

**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: 2.5 kV, L-N: 2.5 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

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**Lifespan:**

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

**Performance Data:**

[Click here for the X22-20 performance data](#)

### Construction

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**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

**Lens:**

Tempered glass

**Effective Projected Area (EPA):**

1 Fixture: 0.117 ft<sup>2</sup>

2 Fixtures at 90°: 0.256 ft<sup>2</sup>

2 Fixtures at 180°: 0.234 ft<sup>2</sup>

3 Fixtures at 90°: 0.373 ft<sup>2</sup>

4 Fixtures at 90°: 0.373 ft<sup>2</sup>

**Finish:**

Formulated for high durability and long-lasting color

**Green Technology:**

Mercury and UV free. RoHS-compliant components.

### Installation

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**Mounting:**

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

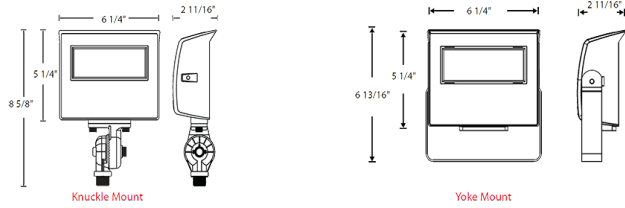
### Other

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

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