



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

Driver Info		LED Info	
Type	Constant	Watts	150/125/100/75W
120V	N/A	Color Temp	3000/4000/5000K
208V	N/A	Color Accuracy	81-84 CRI
240V	N/A	L70 Lifespan	100,000 Hours
277V	N/A	Lumens	9,731-22,940 lm
Input Watts	69.4-151.5W	Efficacy	124-170.5 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](http://designlights.org) to confirm the qualification status of a specific SKU prior to specification or purchase.

### Electrical

**Driver:**  
150W: Class 1, Constant Current, 480V, 50/60 Hz, 480V: 0.32A

125W: Class 1, Constant Current, 480V, 50/60 Hz, 480V: 0.27A

100W: Class 1, Constant Current, 480V, 50/60 Hz, 480V: 0.23A

75W: Class 1, Constant Current, 480V, 50/60 Hz, 480V: 0.19A

### Dimming Driver:

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

### THD:

10.64% at 480V

### Power Factor:

96.2% at 480V

### 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

### Performance

#### Lifespan:

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

## Technical Specifications (continued)

### Performance Data:

[Click here for the X22-150/480 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

#### 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

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#### Mounting:

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

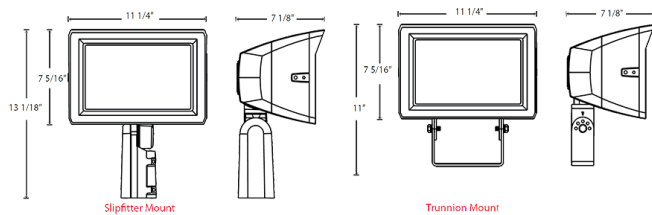
### Other

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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	-	150	Blank	W		/480	
	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	Blank = 3000/4000/5000K 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 (55/75/90°)	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.*

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