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|---------------------|--------------|
| Project: | Type: |
| Prepared By: | Date: |

| Driver Info | | LED Info | |
|-------------|----------|----------------|-------------------|
| Type | Constant | Watts | 80/70/60/50W |
| 120V | 0.66A | Color Temp | 3000K/4000K/5000K |
| 208V | 0.40A | Color Accuracy | 81-84 CRI |
| 240V | 0.35A | L70 Lifespan | 100,000 Hours |
| 277V | 0.32A | Lumens | 7,193-12,772 lm |
| Input Watts | 50.5-83W | Efficacy | 127.6-171 lm/W |

Technical Specifications

Field Adjustability

Optical Field Adjustability:

90°, 75° and 55°

Field Adjustable:

Field Adjustable Light Output:

80W/70W/60W/50W (factory default 80W)

Color Temperature Selectable:

3000K, 4000K and 5000K (factory default 4000K)

Compliance

UL Listed:

Suitable for wet locations

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-HDQRO9

Electrical

Driver:

80W: Class 1, Constant Current, 120-277V, 50/60 Hz, 120V: 0.66A, 208V: 0.40A, 240V: 0.35A, 277V: 0.32A

70W: Class 1, Constant Current, 120-277V, 50/60 Hz, 120V: 0.58A, 208V: 0.35A, 240V: 0.31A, 277V: 0.28A

60W: Class 1, Constant Current, 120-277V, 50/60 Hz, 120V: 0.51A, 208V: 0.31A, 240V: 0.28A, 277V: 0.26A

50W: Class 1, Constant Current, 120-277V, 50/60 Hz, 120V: 0.44A, 208V: 0.26A, 240V: 0.24A, 277V: 0.22A

Dimming Driver:

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

THD:

8.71% at 120V, 5.57% at 277V

Power Factor:

88.9% at 120V, 99.4% 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 X22-80 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. Trunnion 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%)

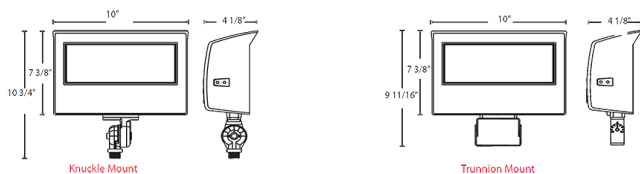
5 Yr Limited Warranty:

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.

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 | - | 80 | Blank | W | | | |
| | 20 = 20/17/13/10W 35 = 35/30/25/20W 60 = 60/50/40/30W 80 = 80/70/60/50W 150 = 150/125/100/75W | 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.*