



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

| Driver Info | | LED Info | |
|-------------|-------------------|----------------|------------------|
| Type | Constant Current | Watts | 150/120/100W |
| 120V | 1.25A/0.98A/0.84A | Color Temp | 3000/4000/5000K |
| 208V | 0.72A/0.57A/0.48A | Color Accuracy | 81-83 CRI |
| 240V | 0.64A/0.50A/0.43A | L70 Lifespan | 100,000 Hours |
| 277V | 0.55A/0.44A/0.38A | Lumens | 14,708-23,024 lm |
| Input Watts | 95.1-155.1W | Efficacy | 133.3-167.7 lm/W |

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:
150W/120W/100W (factory default 150W)
Color temperature selectable by 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 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-XDBZ3C

Electrical

Driver:

150W: Constant Current, 120-277V, 50/60Hz, 120V: 1.25A, 208V: 0.72A, 240V: 0.63A, 277V: 0.55A
120W: Constant Current, 120-277V, 50/60Hz, 120V: 0.98A, 208V: 0.57A, 240V: 0.50A, 277V: 0.44A
100W: Constant Current, 120-277V, 50/60Hz, 120V: 0.84A, 208V: 0.49A, 240V: 0.43A, 277V: 0.38A

Dimming Driver:

Driver includes wiring for 0-10V dimming systems.
Dim as low as 10%.

THD:

3.07% at 120V, 7.76% at 277V

Power Factor:

99.8% at 120V, 95.2% at 277V

Aux Power Supply:

Yes

Dim to Off:

Yes

Surge Protection:

6 kV + 6 kV

LED Characteristics

LEDs:

Long-life, high-efficacy, surface-mount LEDs

Color Consistency:

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

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.

Construction

Cold Weather Starting:

The minimum starting temperature is -40°F (-40°C)

Maximum Ambient Temperature:

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

Housing:

Precision die-cast aluminum

Lens:

Polycarbonate lens

Reflector:

Polycarbonate and Aluminum (Reflector Accessories Sold Separately)

Finish:

Formulated for high durability and long-lasting color

Technical Specifications (continued)

Green Technology:

Mercury and UV free. RoHS-compliant components.

Installation

Mounting:

Comes standard with a hanging hook and a 6-foot cord. Heavy-duty 3/4"-14 NPT hook and 3/4"-14 pendant mount capable (pendant by others.)

Performance

Wattage Equivalency:

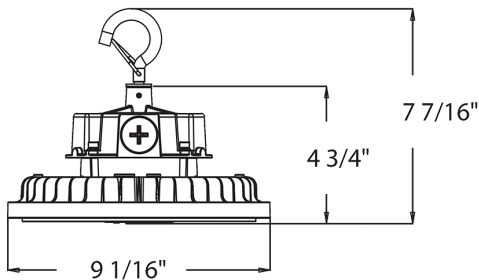
- 150W: Replaces up to (7) F5HO or 400W Metal Halide (MH)
- 120W: Replaces up to (5) F5HO or 400W Metal Halide (MH)
- 100W: Replaces up to (8) F32T8 or (4) F5HO or 350W Metal Halide (MH)

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.

Dimensions



Features

- DLC Premium listed
- 100,000-hour LED Life
- 0-10V dimming standard
- 5-Year, limited warranty

Ordering Matrix

| Family | Size | Color Temp | Finish | Driver |
|--------|---|--|----------------------------|--|
| H15 | | | | |
| | Blank = 150/120/100W XL = 240/200/150W | Blank = 3000/4000/5000K CCT Adjustable | Blank = White B = Black | Blank = 120-277V, 0-10V Dimming /480 = 480V |