



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

| Driver Info |                   | LED Info       |                  |
|-------------|-------------------|----------------|------------------|
| Type        | Constant Current  | Watts          | 240W             |
| 120V        | 2.20A/1.85A/1.50A | Color Temp     | 3000/4000/5000K  |
| 208V        | 1.30A/1.10A/0.85A | Color Accuracy | 82-86 CRI        |
| 240V        | 1.10A/0.95A/0.75A | L70 Lifespan   | 100,000 Hours    |
| 277V        | 0.95A/0.80A/0.65A | Lumens         | 22,696-37,253 lm |
| Input Watts | 146.4-241.5W      | Efficacy       | 135.6-168.4 lm/W |

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:  
240W/200W/150W (factory default 240W)  
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

Certification Model Number:

H17XL-002

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-LED17S

Electrical

Driver:

150W: Constant Current, 120-277V, 50/60Hz, 120V: 1.25A, 208V: 0.72A, 240V: 0.63A, 277V: 0.54A  
200W: Constant Current, 120-277V, 50/60Hz, 120V: 1.69A, 208V: 0.98A, 240V: 0.85A, 277V: 0.73A  
240W: Constant Current, 120-277V, 50/60Hz, 120V: 2.01A, 208V: 1.16A, 240V: 1.00A, 277V: 0.87A

Dimming Driver:

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

THD:

4.89% at 120V, 9.64% at 277V

Power Factor:

99.78% at 120V, 93.12% at 277V

Surge Protection:

L-N: 4 kV  
L/N-PE: 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)

Ambient Temperature :

Max Power Temp Rating: 122°F ( 50°C)  
Middle Power Temp Rating: 57°C (135°F)  
Low Power Temp Rating: 149°F (65°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. For pendant mounting, order H17-PM KIT accessory which connects H17 to 3/4"-14 pendant mount (pendant by others).

### Other

#### Compatible Products:

[H17 Field-Adjustable High Bay Accessories](#)

#### 5-Year Limited Warranty:

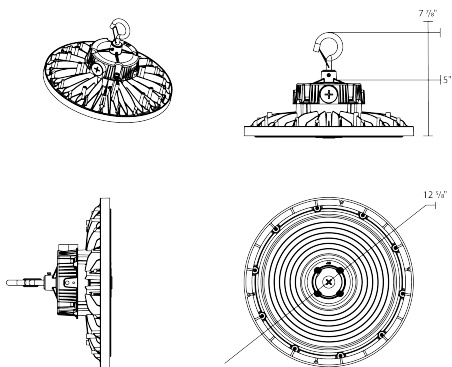
The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

### Performance

#### Wattage Equivalency:

Equivalent to 750W Metal Halide

## Dimensions



## Features

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

Ordering Matrix

| Family | Wattage                                                                           | Mounting     | Color Temp                                | Finish                     | Driver                                                              | Options                                                                                                                                                   |
|--------|-----------------------------------------------------------------------------------|--------------|-------------------------------------------|----------------------------|---------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| H17    | XL                                                                                |              |                                           |                            |                                                                     |                                                                                                                                                           |
|        | S = 100/80/60W<br>Blank = 150/120/100W<br>XL = 240/200/150W<br>XXL = 500/400/300W | Blank = Hook | Blank = 3000/4000/5000K CCT<br>Adjustable | Blank = White<br>B = Black | Blank = 120-277V, 0-10V<br>Dimming<br>/480 = 480V, 0-10V<br>Dimming | Blank = No Option<br>/6CP = 6' Cord & 120V Plug<br>/6CP2 = 6' Cord & 277V Plug<br>/6CPT4 = 6' Cord & 480V Plug<br>/LCBS = Lightcloud Blue<br>w/PIR Sensor |