



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

| Driver Info |                  | LED Info       |                  |
|-------------|------------------|----------------|------------------|
| Type        | Constant Current | Watts          | 500/400/300W     |
| 120V        | N/A              | Color Temp     | 3000/4000/5000K  |
| 208V        | N/A              | Color Accuracy | 81-85 CRI        |
| 240V        | N/A              | L70 Lifespan   | 100,000 Hours    |
| 277V        | N/A              | Lumens         | 48,951-78,763 lm |
| Input Watts | 293.1-477W       | Efficacy       | 150.3-177.5 lm/W |

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:  
500W/400W/300W (factory default 500W)  
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-Z168KT

Electrical

Driver:

500W: Constant Current, Class 1, 480V: 50/60Hz, 480V: 1.00A  
400W: Constant Current, Class 1, 480V: 50/60Hz, 480V: 0.83A  
300W: Constant Current, Class 1, 480V: 50/60Hz, 480V: 0.63A

Dimming Driver:

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

THD:

500W: 6.72% at 480V  
400W: 7.93% at 480V  
300W: 9.97% at 480V

Power Factor:

500W: 95.2% at 480V  
400W: 93.5% at 480V  
300W: 89.9% at 480V

Surge Protection:

L-N: 6kV  
L/N-PE: 10kV

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°C (-40°F)

Ambient Temperature :

Max Power Temp Rating: 50°C (122°F)  
Middle Power Temp Rating: 57°C (135°F)  
Low Power Temp Rating: 63°C (145°F)

Housing:

Precision die-cast aluminum

Lens:

Polycarbonate lens

Reflector:

Polycarbonate and Aluminum (Reflector Accessories Sold Separately)

Cord & Plug:

6 ft cord and NEMA L8-20P plug for 480V only

## Technical Specifications (continued)

### Finish:

Formulated for high durability and long-lasting color

### 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)

## Other

### Compatible Products:

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

### 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](http://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.

## Performance

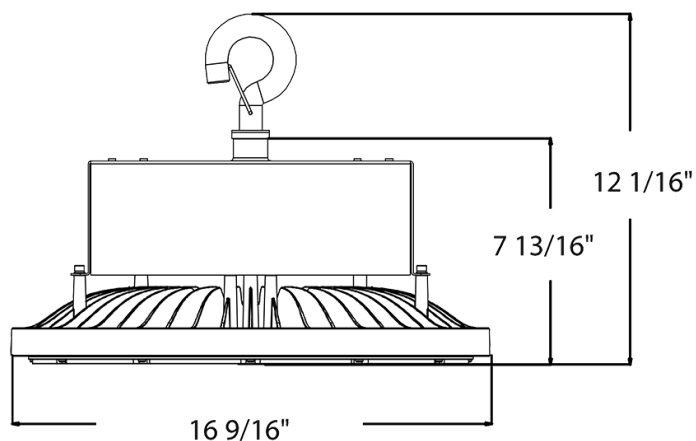
### Wattage Equivalency:

500W: Equivalent to 1500W MH

400W: Equivalent to 1500W MH

300W: Equivalent to 1500W MH

## 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    | XXL   |              |   |                            | /480  | /6CPT4  |
|        | 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 | B = Black<br>Blank = White | 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 w/PIR<br>Sensor |