

H17 Ultra-Economy, High Bay



H17 (150/120/100W)



H17 XL (240/200/150W)

Ultra-economy, high bay



0-10V



100,000 HOURS



EASY INSTALL



IP RATING



WET RATED



FIELD ADJUSTABLE

PROJECT:

DATE:

TYPE:

PREPARED BY:



KEY FEATURES

- **Power and CCT tunable fixture (120-277V)**
- Power : H17: **150/125/100W** and H17 XL: **240/200/150W**
- CCT: **3000K/4000K/5000K**
- Available in **480V** with static wattage and CCT
- **Suitable for wet locations**
- Comes with **expansion port** for sensors
- **PIR, microwave** sensor kits and **multi-sensor remote** available.
- Kits available for **surface mount** or **pendant mount**
- **DLC Premium listed**
- **100,000-hrs** lifespan based on IES LM-80 and TM-21 calculations
- **5-year, limited warranty**
- Available accessories: **Aluminum** and **polycarbonate reflector**, **wireguard** and **drop lens**

TECHNICAL SPECIFICATIONS

COMPLIANCE

UL Listed

Suitable for wet locations

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 DLCbMember Utilities. Designed to meet DLC 5.1 requirements.

DLC Family Code: YYYFHM

IP Rating

IP65

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

LED CHARACTERISTICS

LEDs

Long-life, high-efficacy, discrete, 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)

Maximum Ambient Temperature

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

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).

Housing

Precision die-cast aluminum

Lens

Polycarbonate

Reflector

Polycarbonate / Aluminum

Green Technology

Mercury and UV free. RoHS-compliant components.

Finish

Formulated for high durability and long lasting color

IP Rating:

Ingress protection rating of IP65 for dust and water

Beam Angle:

90°

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TECHNICAL SPECIFICATIONS (CONTINUED)

ELECTRICAL

Drivers:

Constant Current, Class 1, 120-277V, 50/60 Hz,

H17:

100W: 120V: 0.86A, 208V: 0.50A, 240V: 0.43A, 277V: 0.37A

120W: 120V: 1.03A, 208V: 0.59A, 240V: 0.51A, 277V: 0.44A

150W: 120V: 1.24A, 208V: 0.72A, 240V: 0.62A, 277V: 0.54A

H17 XL:

150W: 120V: 1.25A, 208V: 0.72A, 240V: 0.63A, 277V: 0.54A

200W: 120V: 1.69A, 208V: 0.98A, 240V: 0.85A, 277V: 0.73A

240W: 120V: 2.01A, 208V: 1.16A, 240V: 1.00A, 277V: 0.87A

Constant Current, Class 1, 277-480V, 50/60 Hz,

H17:

150W: 480V: 0.56A

H17 XL:

240W: 480V: 0.87A

Dimming Driver:

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

THD: @5000K, 120-277V

H17:

100W : 3.0% at 120V, 9.8% at 277V

120W : 3.2% at 120V, 8.9% at 277V

150W : 3.8% at 120V, 6.2% at 277V

H17 XL:

150W : 3.4% at 120V, 14.5% at 277V

200W : 4.0% at 120V, 13.1% at 277V

240W : 4.3% at 120V, 8.9% at 277V

THD: @5000K, 480V

H17:

150W : 4.0% at 480V

H17 XL:

240W : 6.7% at 480V

ELECTRICAL

Power Factor: @5000K, 120-277V

H17

100W : 99.3% at 120V, 86.7% at 277V

120W : 99.5% at 120V, 89.6% at 277V

150W : 99.7% at 120V, 93.5% at 277V

H17 XL:

150W : 99.4% at 120V, 87.5% at 277V

200W : 99.6% at 120V, 91.7% at 277V

240W : 99.8% at 120V, 93.5% at 277V

Power Factor: @5000K, 480V

H17:

150W : 96.6% at 480V

H17 XL:

240W : 97.5% at 480V

Surge Protection for 120-277V

L-N: 4kV; L/N-G: 6kV

Surge Protection for 480V

L-N: 4kV; L/N-G: 4kV

OTHER

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.

PERFORMANCE

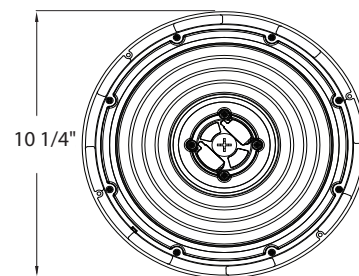
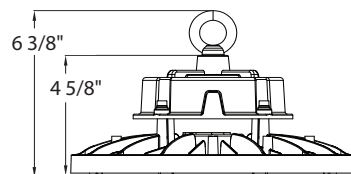
Lifespan

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

DIMENSIONS

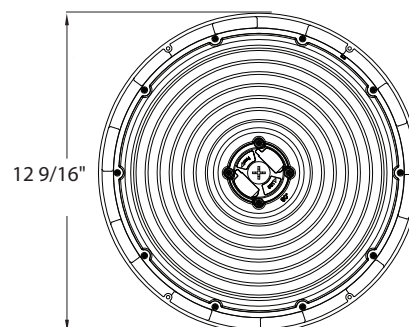
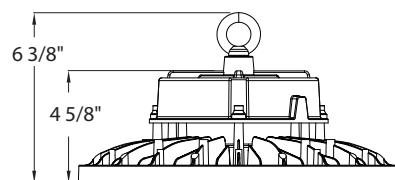
H17 (150/120/100W)

Weight: 4.7 Lbs



H17 XL (240/200/150W)













Weight: 7.00 Lbs



H17 Ultra-Economy, High Bay



ACCESSORIES

| Image | SKU# | UPC | Description | Weight |
|---|------------|--------------|--|----------|
|  | H17-RAL | 192552022071 | H17 ALUMINUM REFLECTOR | 0.89 lb |
| | H17XL-RAL | 192552022088 | H17XL ALUMINUM REFLECTOR | 1.19 lbs |
|  | H17-RPC | 192552022095 | H17 PC REFLECTOR | 1.91 lbs |
| | H17XL-RPC | 192552022101 | H17XL PC REFLECTOR | 1.79 lbs |
|  | H17-SM KIT | 192552022040 | H17/H17XL YOKE SURFACE MOUNT WHITE | 1.71lbs |
|  | H17-PM KIT | 192552022064 | PENDANT MOUNT KIT WHITE FOR H17/H17XL | 0.58 lb |
|  | H17-RDL | 192552022132 | H17/H17XL DROP LENS WITH THE PLASTIC REFLECTOR | 1.1 lbs |
|  | H17-WG | 192552022118 | H17 WIREGUARD WHITE | 0.43 lb |
| | H17XL-WG | 192552022125 | H17XL WIREGUARD WHITE | 0.61 lb |
|  | MVS50 | 192552025997 | MVS SENSOR KIT IP65 | 0.1 lb |
|  | MVS50/LCB | 192552026062 | MVS SENSOR KIT WITH LC BLUE IP65 | 0.14 lb |
|  | PIR40 | 192552026000 | PIR SENSOR KIT IP65 | 0.1 lb |
|  | PIR40/LCB | 192552026079 | PIR SENSOR KIT WITH LC BLUE IP65 | 0.12 lb |
|  | MSR1 | 192552026055 | MULTI SENSOR REMOTE CONTROL IP20 | 0.25 lb |
|  | EMHB30 | 192552026116 | BATTERY BACKUP KIT FOR HIGHBAY | 0.56 lb |

H17 Ultra-Economy, High Bay



PERFORMANCE

| H17 | 5000K | 4000K | 3000K | 5000K | 4000K | 3000K | 5000K | 4000K | 3000K | 5000K | 4000K | |
|---------------|----------|--------|--------|----------|--------|--------|----------|--------|--------|--------|--------|--|
| Wattage | 150W | | | 120W | | | 100W | | | 150W | | |
| Input Watts | 148.8W | 143.8W | 149.1W | 122.7W | 119.3W | 123.2W | 103.6W | 101.2W | 101W | 154.0W | 150.1W | |
| Lumens | 21,138 | 22,224 | 20,890 | 19,142 | 19,765 | 18,028 | 16,629 | 17,088 | 15,317 | 23,404 | 22,334 | |
| Lm/W | 142.1 | 154.5 | 140.1 | 156.0 | 165.7 | 146.3 | 160.6 | 168.8 | 151.7 | 151.9 | 148.7 | |
| CRI | 84 | 85 | 83 | 84 | 86 | 83 | 84 | 83 | 84 | 82 | 82 | |
| Input Voltage | 120-277V | | | 120-277V | | | 120-277V | | | 480V | | |

| H17 XL | 5000K | 4000K | 3000K | 5000K | 4000K | 3000K | 5000K | 4000K | 3000K | 5000K | 4000K | |
|---------------|----------|--------|--------|----------|--------|--------|----------|--------|--------|--------|--------|--|
| Wattage | 240W | | | 200W | | | 150W | | | 240W | | |
| Input Watts | 145.1W | 155.8W | 135.6W | 151.3W | 160.6W | 142.8W | 162.2W | 168.4W | 150.9W | 239.4W | 240.8W | |
| Lumens | 34,973 | 37,253 | 32,758 | 30,216 | 32,621 | 28,698 | 24,336 | 24,654 | 22,696 | 37,268 | 35,698 | |
| Lm/W | 145.1 | 155.8 | 135.6 | 151.3 | 160.6 | 142.8 | 162.2 | 168.4 | 150.9 | 155.7 | 148.2 | |
| CRI | 84 | 86 | 83 | 84 | 85 | 82 | 84 | 85 | 82 | 82 | 82 | |
| Input Voltage | 120-277V | | | 120-277V | | | 120-277V | | | 480V | | |

ORDERING MATRIX

H17

| Family | Wattage | Mounting | Color Temperature | Finish | Voltage Ratings |
|--------|--|----------------------|---|----------------------|---|
| H17 | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | BLANK Selectable (150/120/100W)* or 150W** XL Selectable (240/200/150W) or 240W** | BLANK Hook Mounting | BLANK Selectable 5000/4000/3000K* or 5000K** 4000K** N | BLANK White | BLANK /480 0-10V Dimming, 120-277V 0-10V Dimming, 480V |

*Available only in 120-277V
**Available only in 480V