

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** and **microwave** sensor kits 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

Hook Mount standard. Pendant mount and surface mount kits sold separately.

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

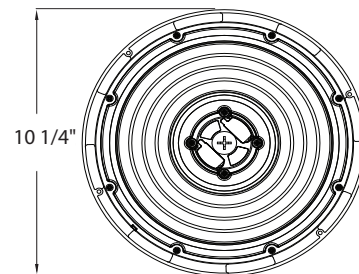
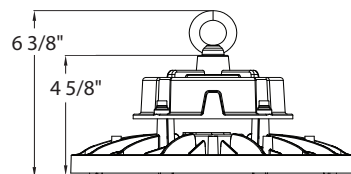
Lifespan

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

DIMENSIONS

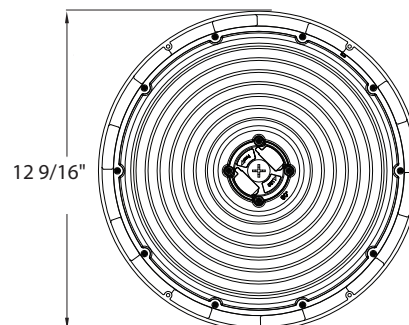
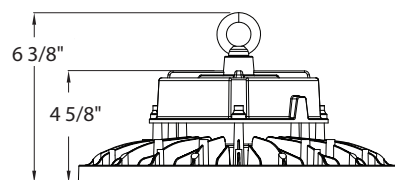
H17 (150/120/100W)

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