H17XL/6CP2

RAB

Color: White   Weight: 7.0 lbs

Project:	Type:
Prepared By:	Date:

Driver Info

Type	Constant Current
120V	2.20A/1.85A/1.50A
208V	1.30A/1.10A/0.85A
240V	1.10A/0.95A/0.75A
277V	0.95A/0.80A/0.65A
Input Watts	146.4-241.5W

LED Info

Watts	240W
Color Temp	3000/4000/5000K
Color Accuracy	82-86 CRI
L70 Lifespan	100,000 Hours
Lumens	22,696-37,253 lm
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: 4kV
L/N-PE: 6kV

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: 65°C (149°F)

Housing:
Precision die-cast aluminum

Lens:
Polycarbonate lens

Reflector:
Polycarbonate and Aluminum (Reflector Accessories Sold Separately)

Cord & Plug:
6 ft cord and NEMA 7-15P plug for 277V 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
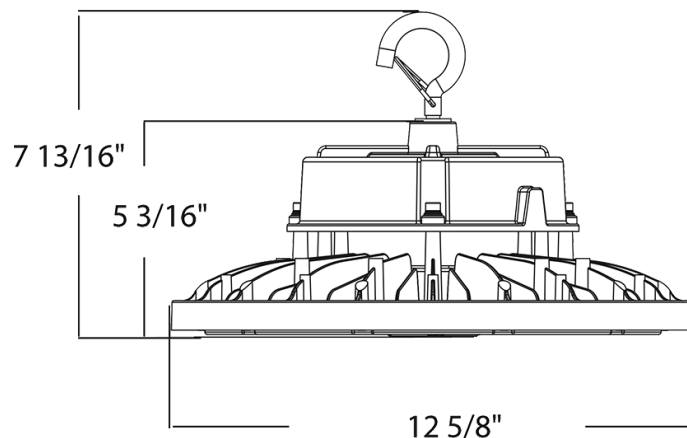
5 Yr Limited Warranty:
The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

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:
Equivalent to 750W Metal Halide

Dimensions

7 13/16"

5 3/16"

12 5/8"

Features

DLC Premium listed

100,000-hour LED Life

0-10V dimming standard

5-Year, limited warranty

H17XL/6CP2

RAB

Ordering Matrix

Family	Wattage	Mounting	Color Temp	Finish	Driver	Options
H17	XL					/6CP2

Wattage:
- **S =** 100/80/60W
- **XL =** 240/200/150W
- **Blank =** 150/120/100W
- **XXL =** 500/400/300W

Mounting:
- **Blank =** Hook

Color Temp:
- **N =** 4000K
- **Blank =** 3000/4000/5000K CCT Adjustable

Finish:
- **Blank =** White
- **B =** Black

Driver:
- **/480 =** 480V, 0-10V Dimming
- **Blank =** 120-277V, 0-10V Dimming

Options:
- **/LCBS =** Lightcloud Blue w/PIR Sensor
- **Blank =** No Option
- **/6CPT4 =** 6' Cord & 480V Plug
- **/6CP2 =** 6' Cord & 277V Plug
- **/6CP =** 6' Cord & 120V Plug

Need help? Tech help line: **(888) 722-1000** Email: **sales@rablighting.com** Website: **www.rablighting.com**

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