ELLIOTT ELECTRIC SUPPLY
We Deliver...Lower Cost, Quality Products, & Personal Service
2310 N. Stallings Dr.
Nacogdoches, TX 75964-0
Phone: 9365697941
Fax: 9365604685

H15B 100/120/150W LED ROUND HIGH BAY 3K/4K/5K BLACK

RAB LIGHTING

Catalog Number	H15B
Manufacturer	RAB LIGHTING
Description	H15 HIGHBAY 150/120/100W 3/4/5K 120-277V BLACK
Weight per unit	4.1 (lbs/each)
Product Category	Lighting

Descriptions

Description	100/120/150W LED ROUND HIGH BAY 3K/4K/5K BLACK
Long Description	H15 HIGHBAY 150/120/100W 3/4/5K 120-277V BLACK
Product Type	H15 150/120/100W 3/4/5K 120-277V BLK
Extra Long Description	RAB H15B H15 150/120/100W 3/4/5K 12

Manufacturer Information

Brand	Rab Lighting
GTIN	00192552038492
Manufacturers Part Number	H15B
UPC	885360

Taxonomies, Classifications, and Categories

Category Description	LED HIGHBAY, LOWBAY & INDUSTRIAL LIGHTING

Packaging

Carton	1
Weight Per Each	4.1 (lbs/each)

H15B



Color: Black

Weight: 4.1 lbs

Project:	Type:
Prepared By:	Date:

Driver Info

Type	Constant Current
120V	1.25A/0.98A/0.84A
208V	0.72A/0.57A/0.48A
240V	0.64A/0.50A/0.43A
277V	0.55A/0.44A/0.38A
Input Watts	95.1-155.1W

LED Info

Watts	150/120/100W
Color Temp	3000/4000/5000K
Color Accuracy	81-83 CRI
L70 Lifespan	100,000 Hours
Lumens	14,708-23,024 lm
Efficacy	133.3-167.7 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:
Field Adjustable Light Output:
150W/120W/100W (factory default 150W)
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-XDBZ3C

Electrical

Driver:
150W: Constant Current, 120-277V, 50/60Hz,120V: 1.25A, 208V: 0.72A, 240V: 0.63A, 277V: 0.55A
120W: Constant Current, 120-277V, 50/60Hz,120V: 0.98A, 208V: 0.57A, 240V: 0.50A, 277V: 0.44A
100W: Constant Current, 120-277V, 50/60Hz,120V: 0.84A, 208V: 0.49A, 240V: 0.43A, 277V: 0.38A

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

THD:
3.07% at 120V, 7.76% at 277V

Power Factor:
99.8% at 120V, 95.2% at 277V

Aux Power Supply:
Yes

Dim to Off:
Yes

Surge Protection:
6kV + 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)

Maximum Ambient Temperature:
Suitable for use in up to 50°C (122°F)

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

Copyright © 2025 RAB Lighting All Rights Reserved Note: Specifications are subject to change at any time without notice

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. Heavy-duty 3/4"-14 NPT hook and 3/4"-14 pendant mount capable (pendant by others)

Performance

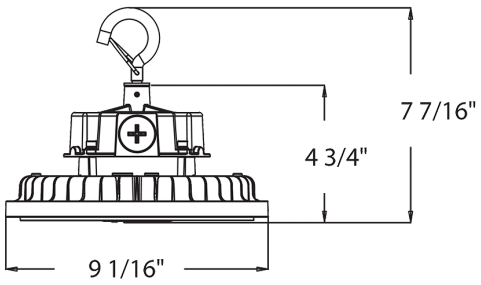
Wattage Equivalency:
150W: Replaces up to (7) F5HO or 400W Metal Halide (MH)
120W: Replaces up to (5) F5HO or 400W Metal Halide (MH)
100W: Replaces up to (8) F32T8 or (4) F5HO or 350W Metal Halide (MH)

Other

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.

Dimensions



Features

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

Copyright © 2025 RAB Lighting All Rights Reserved Note: Specifications are subject to change at any time without notice

H15B

Ordering Matrix

Family	Size	Color Temp	Finish	Driver
H15			B	
	Blank = 150/120/100W **XL =** 240/200/150W	**Blank =** 3000/4000/5000K CCT Adjustable	**B =** Black	**Blank =** 120V, 0-10V Dimming **/480 =** 480V

Copyright © 2025 RAB Lighting All Rights Reserved Note: Specifications are subject to change at any time without notice