



UPC: 192552027014

Color: Clear

Weight: 0.0 lbs

Project:	Type:
Prepared By:	Date:

Technical Specifications

Performance

Description:

Field adjustable lumen output and CCT provide installation flexibility when replacing traditional HID. Integrated AUX port to add lamp-level sensor control.

Wattage Equivalency:

200W/250W/400W Metal Halide

Input Wattage:

60W/80W/115W

Lumens:

60W:
3000K @ 8,100lm; 4000K @ 8,700lm; 5000K @

8,400lm

80W:
3000K @ 10,800lm; 4000K @ 11,600lm; 5000K @

11,200lm

115W:
3000K @ 15,525lm; 4000K @ 16,675lm; 5000K @

16,100lm

Efficacy:

60W/80W/115W

3000K @ 135lm/W; 4000K @ 145lm/W; 5000K @

140lm/W

L70 Lifespan:

50,000-Hour LED lifespan based on IES LM-70 results

Electrical

THD:

≤20%

Power Factor:

≥0.9

Dimmable:

Yes, via the Lightcloud Blue mobile app and devices. This lamp will not operate properly when connected to a standard (incandescent) dimmer or dimming control.

Input Voltage:

100-277V

Operating Frequency:

50/60Hz

Input Current @ 120V (mA):

988mA

Input Current @ 208V (mA):

587mA

Input Current @ 240V (mA):

521mA

Input Current @ 277V (mA):

415mA

Operating Temperature:

-22°F to 140°F (-30°C to 60°C)

Flicker:

<30%

Surge Protection:

4 kV

LED Characteristics

Color Temperature:

Field adjustable via dip switch 3000/4000/5000K

Color Accuracy (CRI):

≥80 CRI

R9 Value:

High color performance with R9 no less than 0

Color Consistency:

<6-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Color Stability:

LED color temperature is warranted to Shift no more than 200K in color temperature over a 5-year period

Technical Specifications (continued)

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.

Installation**Installation Method:**

UL Type B, Ballast Bypass

Installation Orientation:

Vertical

Base Type:

EX39

Construction**Finish:**

Clear

Shape:

High bay (sensor)

Endcap Material:

Metal

Enclosure Material:

Constructed from frosted, shatter-resistant polycarbonate

Compliance**Listings:**

UL Listed, UL Classified

Environment:

Suitable for use in dry and damp environments

Fixture Rating:

Suitable for use in enclosed fixtures

IP Rating:

IP64

Certification Model Number:

H20043(HIDFA-115S-V-EX39-8CCT-BYP/5SP)

California Energy Commission (CEC) Status:

Lawful for Sales in California

RoHS:

Mercury and UV free. RoHS-compliant components.

FCC:

Complies with Part 15B of the FCC Rules

DLC Listed:

This product family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at designlights.org to confirm the qualification status of a specific SKU prior to specification or purchase.

Other**Compatible Products:**

Add the Lightcloud Blue 5-Pin Plug-in Controller with optional sensor to connect to the Lightcloud Blue Bluetooth Mesh Wireless Network Lighting Control System. Learn more about Lightcloud Blue.

Accessories:

CONTROL/W/AUX/5SP/LCB

Lightcloud Blue 5-Pin Plug-in Controller

CONTROL/W/AUX/5SP/LCBS

Lightcloud Blue 5-Pin Plug-in Controller with PIR Sensor

CONTROL/W/AUX/5SP/LCBS/MVS

Lightcloud Blue 5-Pin Plug-in Controller with MVS Sensor

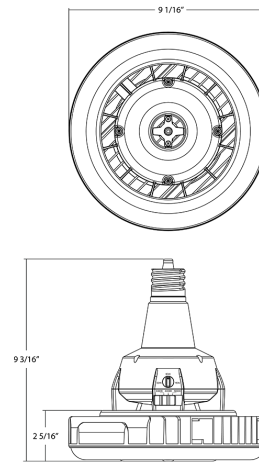
5-Year, No-Compromise Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	4	20.27	20.27	11
PALLET	2	48	40.95	45.77

Dimension



Features

- Replaces traditional metal halide or high pressure sodium HID lamp
- Adjustable wattage and CCT allows for in-field customization
- Lamp includes on board low-voltage AUX port for lamp-level sensor accessories (select models)
- Integral driver enables lamp to be wired directly to line voltage without need for an external driver or ballast
- Rated for use in enclosed fixtures in dry or damp locations
- 4kV surge protection built in
- 50,000-Hour lifespan
- Environmentally friendly, no mercury used
- UL Listed, DLC Listed (select models)
- Dimmable
- 5-Year, No-Compromise Warranty

Ordering Matrix

Family	Wattage	Orientation	Base Type	CRI/Color Temp	Installation Type	Sensor
HIDFA	115S	V	EX39	8CCT	BYP	/5SP
	115S = 115/80/60W	V = Vertical	EX39 = EX39 Base ¹	8CCT = 80 CRI, 3000/4000/5000K	BYP = Ballast Bypass	/5SP = 5-Pin Sensor Port

¹ 80S, 100S, and 120S only available with EX39 base