

Field-Adjustable High Bay Lamp



PROJECT:

DATE:

TYPE:

PREPARED BY:



KEY FEATURES

- Replaces traditional metal halide or high pressure sodium HID lamps
- Adjustable wattage and CCT allows for in-field customization
- 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
- **AUX port** for integrating individual, lamp-level controls
- Combine with the Lightcloud Blue 5-pin controller for wireless control of on/off, dimming and color temperature*

Includes sensor port for basic or smart wireless control



*Select models only

PERFORMANCE

Catalog Number	Equivalency	Input Wattage	Lumens (Nominals)	Efficacy (lm/W)	Color Temperature	CRI	DLC ID
HIDFA-115S-V-EX39-8CCT-BYP/SSP	200/250/400W Metal Halide	115/80/60W	8,700/11,600/16,675	145	3000/4000/5000K	80+	PLNAFK8CSGYM
HID-115S-V-EX39-8TW-BYP/LCBLR			8,100/10,800/15,525	135			S-5BWG00

CCT (K)	3000K			4000K			5000K		
Input Wattage	60W	80W	115W	60W	80W	115W	60W	80W	115W
Lumens	8,100 lm	10,800 lm	15,525 lm	8,700 lm	11,600 lm	16,675 lm	8,400 lm	11,200 lm	16,100 lm
Efficacy	135 lm/W			145 lm/W			140 lm/W		

TECHNICAL SPECIFICATIONS

CONSTRUCTION

Product Type	Finish
HID Replacement	White
Bulb Shape	Lens Color
High bay	Clear
Endcap Material	Base Type
Metal	EX39
Enclosure Material	Beam Angle
Polycarbonate	180° with 10% uplight

INSTALLATION

Installation Method
UL Type B, Ballast Bypass
Installation Orientation
Vertical
Minimum Compartment Dimensions
9 13/16" x 9 13/16" x 9 2/16"

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TECHNICAL SPECIFICATIONS (CONT.)

COMPLIANCE

Listing

UL Listed, UL Classified

Environment

Suitable for use in dry and damp environments.

Fixture Rating

Suitable for use in enclosed fixtures

IP Rating

IP64

DLC Listed

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.

T20 Compliant

No

California Title 24 JA8 Compliant

No

California Energy Commission (CEC) Status

Lawful for Sales in California

FCC

Complies with Part 15 of the FCC Rules.

RoHS

Mercury and UV free. RoHS-compliant components.

ELECTRICAL

Dimmable

Yes, by adjusting the wattage (light output) dipswitch located on the lamp. Combine with a Lightcloud Blue 5-pin Controller (sold separately) for wireless control via the Lightcloud Blue mobile app and devices.

THD

≤20

Power Factor

≥0.9

Input Voltage

100-277V

Operating Frequency

50-60Hz

Operating Temperature

-22°F to 140°F (-30°C to 60°C)

Surge Protection

4kV

Flicker

<30%

LED CHARACTERISTICS

Color Temperature

Field adjustable via dip switch 3000/4000/5000K
/LCBR models are tunable white 3000K-5000K when combined with the Lightcloud Blue 5-pin Controller (*sold separately*)

Color Accuracy (CRI)

≥80

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 warrantied to shift no more than 200K in color temperature over a 5-year period

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.

OTHER

Compatible Products

Add the Lightcloud Blue on [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.](#)

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

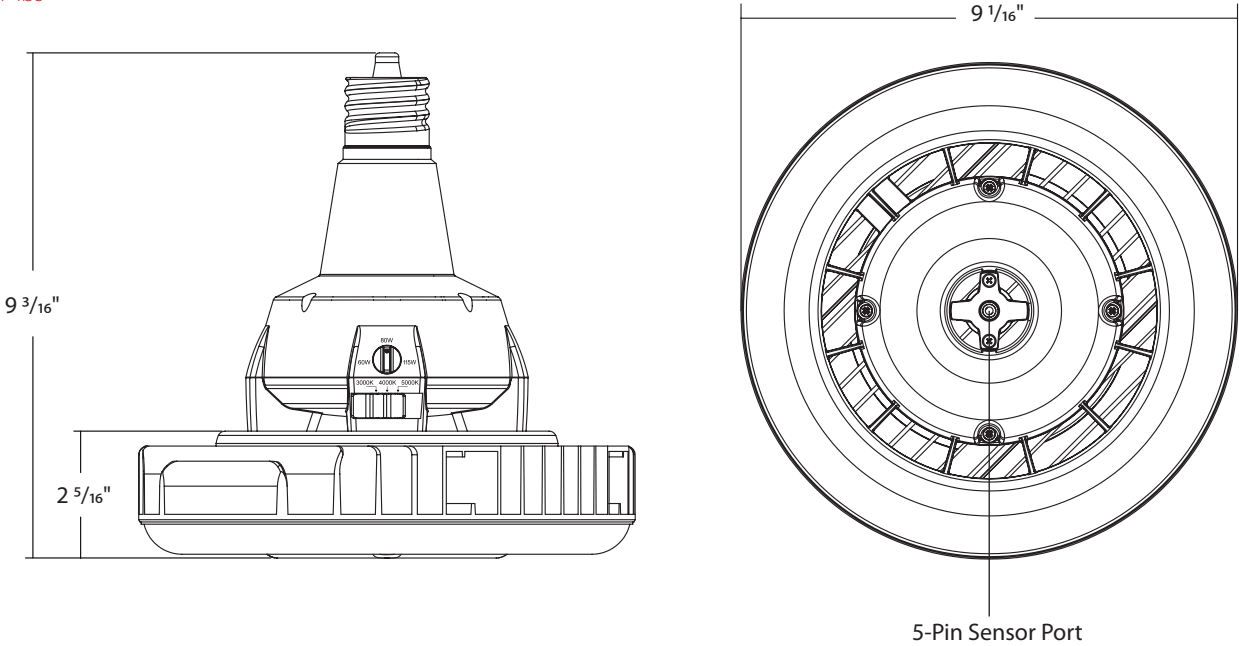
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DIMENSIONS

HIDFA 115/80/60W

Weight: 3.7 lbs



ACCESSORIES (SOLD SEPARATELY)

3-Pin sensors

Image	Catalog Number	UPC	Description
	SMW-S	019813834818	Microwave sensor without daylight photocell built in.
	MW-S	019813833064	Microwave sensor with daylight photocell built in.
	DAYLIGHT-S	019813834832	Daylight sensor
	SPIR-S	019813834825	Passive infrared sensor without daylight photocell built in.
	PIR-S	019813833057	Passive infrared sensor with daylight photocell built in.

Lightcloud Blue 5-pin controllers/sensors

Image	Catalog Number	UPC	Description
	CONTROL/W/AUX/5SP/LCB	192552025591	Lightcloud Blue 5-Pin plug-in controller
	CONTROL/W/AUX/5SP/LCBS	192552025607	Lightcloud Blue 5-Pin plug-in controller + Passive infrared sensor + Photocell sensor
	CONTROL/W/AUX/5SP/LCBS/MVS	192552025614	Lightcloud Blue 5-Pin plug-in controller + Microwave sensor + Photocell sensor

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ACCESSORIES (SOLD SEPARATELY)



Catalog Number	UPC	Description
XFMR200-480-277	019813833071	Transformer 200W 480V

Catalog Number	UPC	Description
SP10KV	019813749273	10 kV Surge protector

ORDERING INFO

Catalog Number	Certification Model Number	UPC	Case Pack
HIDFA-115S-V-EX39-8CCT-BYP/5SP	H20043(HIDFA-115S-V-EX39-8CCT-BYP/5SP)	192552027014	4
HID-115S-V-EX39-8TW-BYP/LCBR	HID-115S-V-EX39-8TW-BYP/LCBR	192552025690	4

ORDERING MATRIX

Family	Wattage	Orientation	Base Type	CRI/Color Temp	Installation Type	Sensor
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Selectable CCT

HIDFA	-	115S	-	V	-	EX39	-	8CCT	-	BYP	/5SP
	115S	115/80/60W Wattage Selectable	V	Vertical	EX39	Exclusionary Mogul	8CCT	80 CRI, 3000/4000/5000K	BYP	Ballast Bypass	/5SP 5-Pin Sensor Port

Tunable White

HID	-	115S	-	V	-	EX39	-	8TW	-	BYP	/5SP
	115S	115/80/60W Wattage Tunable	V	Vertical	EX39	Exclusionary Mogul	8TW	80 CRI, Tunable White 3000K-5000K w/5 Pin- Controller	BYP	Ballast Bypass	/LCBR 5-Pin Sensor Port