

Field-Adjustable High Bay

RAB

Field-Adjustable High Bay with Sensor Port UL Type B



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.
- 5-Year, No-Compromise Warranty

PERFORMANCE

Catalog Number	Equivalency	Input Wattage	Lumen	Efficacy	Color Temperature	CRI	DLC ID
HIDFA-115S-V-EX39-8CCT-BYP/5SP	200W/250W/400W Metal Halide	115/80/60W	8,700/11,600/16,675 Lm	145 Lm/W	3000K/4000K/5000K	80+	PLNAFK8C5GYM

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"

TECHNICAL SPECIFICATIONS (CONT.)

COMPLIANCE

Safety 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

Energy Star Approved

No. There is no product category on Energy Star for this lamp to qualify under.

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.

DLC Product Code: PLNAFK8CSGYM

T20 Compliant

Not applicable

California Title 24 JA8 Compliant

Not applicable

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. Optional: add a Lightcloud Blue 5-Pin Controller/Sensor for wireless control.

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 3000K/4000K/5000K

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 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

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.

Note

All values are typical (tolerance +/- 10%)

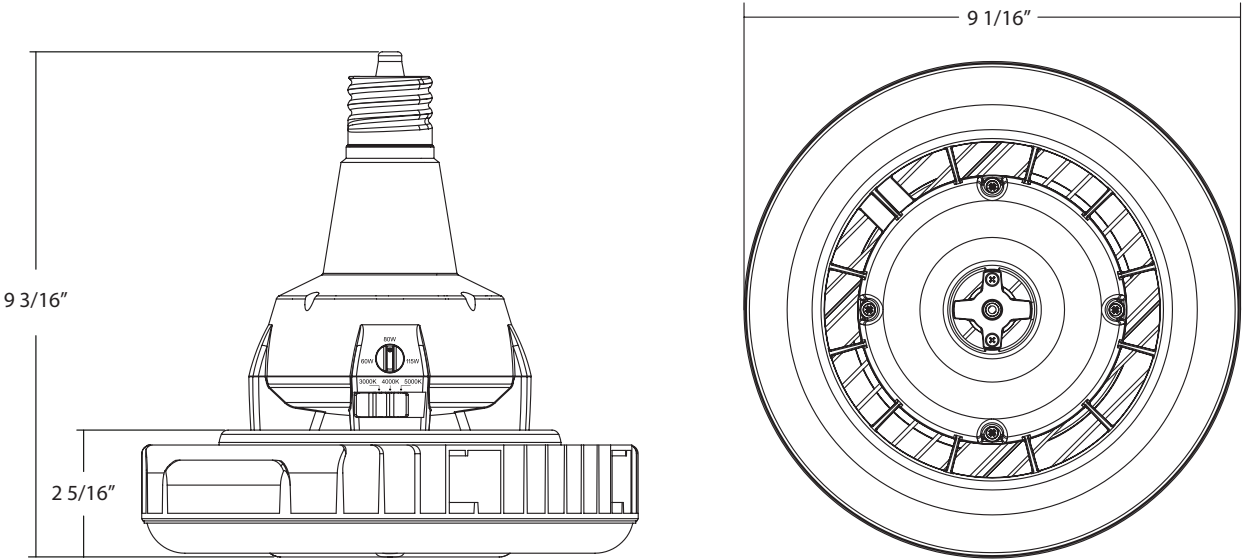
Field-Adjustable High Bay



DIMENSIONS

HIDFA 60/80/115W

Weight: 3.7 lbs



ACCESSORIES (SOLD SEPARATELY)

3-Pin sensors



SMW-S / MW-S



DAYLIGHT-S



SPIR-S / PIR-S

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.

Field-Adjustable High Bay



ACCESSORIES (SOLD SEPARATELY)

Lightcloud Blue 5-pin controllers/sensors



CONTROL/W/AUX/5SP/LCB



CONTROL/W/AUX/5SP/LCBS



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

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



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	Model Number	UPC	Case Pack
HIDFA-115S-V-EX39-8CCT-BYP/5SP	H20043(HIDFA-115S-V-EX39-8CCT-BYP/5SP)	192552027014	4

ORDERING MATRIX

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