

Field-Adjustable High Bay



PROJECT: _____
 DATE: _____
 TYPE: _____
 PREPARED BY: _____



Field-Adjustable High Bay with Sensor Port UL Type B



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+ | PLNAFK8CSGYM |

| 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 HID Replacement | Finish White |
| Bulb Shape High bay | Lens Color Clear |
| Endcap Material Metal | Base Type EX39 |
| Enclosure Material Polycarbonate | Beam Angle 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 warranted 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%)

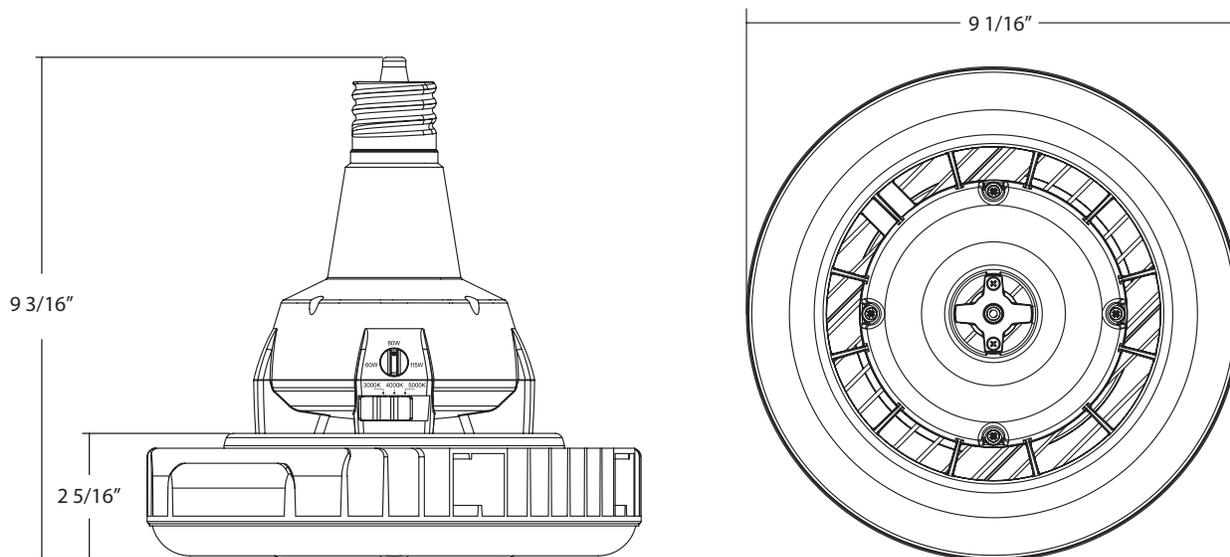
Field-Adjustable High Bay



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