Project:		Type:
Prepared By:		Date:

UPC: 192552025690

Color: Clear   Weight: 4.9 lbs

Technical Specifications

Performance

Product Type:
HID Replacement

Wattage Equivalency:
200W/250W/400W Metal Halide

Input Wattage:
60W/80W/115W

Lumens (Nominal):
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

Lightcloud

Gateway Required:
No

Communication Protocol:
Bluetooth Mesh

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:
4kV

LED Characteristics

Color Temperature:
Field adjustable via dip switch 3000K/4000K/5000K. Tunable white with Lightcloud Blue 5-Pin Plug-in Controllers.

Color Accuracy (CRI):
≥80 CRI

R9 Value:
High color performance with R9 no less than 0

Technical Specifications (continued)

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.

Installation

Installation Method:
UL Type B, Ballast Bypass

Installation Orientation:
Vertical

Construction

Base Type:
EX39

Finish:
Clear

Beam Angle:
180°

Bulb Shape:
High bay w/ sensor port

Endcap Material:
Metal

Enclosure Material:
Polycarbonate

Lens Finish:
Clear

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

Model Number for Certification:
HID-115S-V-EX39-8TW-BYP/LCBR

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

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
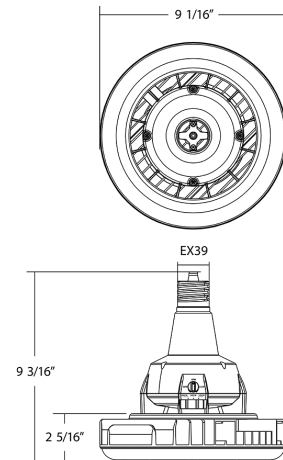DAYLIGHT-S⊠
3-Pin Daylight photocell sensor
MW-S⊠
3-Pin Microwave sensor w/photocell

Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	4	20.27	20.27	11
PALLET	64	40.54	40.54	45.68

Dimension

Features

Adjustable wattage and CCT allows for in-field customization

Make it tunable white with the Lightcloud Blue 5-Pin Plug-in Controller

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

Need help? Tech help line: **(888) 722-1000** Email: **sales@rablighting.com** Website: **www.rablighting.com**

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