# HID-54-EX39-8CCT-BYP/5SP/480V

| Project: | Type: | Prepared By: | Date: |
|---|---|---|---|
| | | | |



UPC: 192552028653

## Features and Benefits

Replacement for traditional high voltage Metal Halide or High Pressure Sodium HID Lamps

Integral Driver enables lamp to be wired directly to line voltage without need for an external driver or ballast

Adjustable CCT allows for in-field customization

Rated for use in enclosed fixtures in dry or damp locations

AUX port for integrating individual, lamp-level control

## Technical Specifications

### Performance

**Product Type:**
HID Replacement

**Description:**
Adjustable color temperature lamps replace traditional HID lamps for high voltage applications.

**Wattage Equivalency:**
200W Metal Halide

**Input Wattage:**
54W

**Lumens:**
3000K @ 7,020lm; 4000K @ 7,290lm; 5000K @ 7,560lm

**Efficacy:**
3000K @ 130lm/W; 4000K @ 135lm/W; 5000K @ 140lm/W

**L70 Lifespan:**
50,000-Hour LED lifespan based on IES LM-70 results

### Electrical

**Power Factor:**
≥0.9

**Dimmable:**
Yes

**Input Voltage:**
277-480V

**Operating Frequency:**
50/60Hz

**Input Current @ 240V (mA):**
247mA

**Input Current @ 277V (mA):**
217mA

**Input Current @ 480V (mA):**
125mA

**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 greater 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.


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**THD:**
≤20%


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## Technical Specifications (continued)

### Installation

**Installation Method:**
UL Type B, Ballast Bypass

**Installation Orientation:**
Vertical/Horizontal

**Base Type:**
EX39 Exclusionary Mogul

### Construction

**Shape:**
Post top (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

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

**Certification Model Number:**
H20028(HID-54-EX39-8CCT-BYP/5SP 480V)

**T20 Compliant:**
Not compliant

**California Title 24 JA8 Compliant:**
Not Compliant

**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:**
3-Pin & 5-Pin Smart Sensors
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 at Ww.Lightcloud.com.

**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 Senso
DAYLIGHT-S

3-Pin Daylight photocell sensor
MW-S

3-Pin Microwave sensor w/photocell
PIR-S

3-Pin Passive Infrared sensor w/photocell
SMW-S

3-Pin Microwave sensor
SPIR-S
3-Pin Passive Infrared sensor
XFMR200-480-277

Transformer 200W 480V

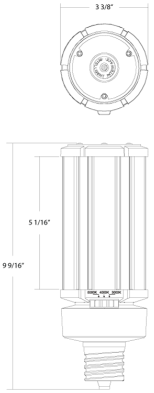
**5-Year, No-Compromise Warranty:**
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.


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## Case and Pallet Dimensions

| | QTY | LENGTH (in) | WIDTH (in) | HEIGHT (in) |
|---|---|---|---|---|
| CASE | 12 | 15.55 | 11.61 | 11.57 |
| PALLET | 432 | 48.22 | 36.4 | 48.85 |

## Dimension





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