RAB®

Project:	Type:	Prepared By:	Date:

UPC: 019813749297

Features and Benefits

Replacement for traditional Metal Halide or High Pressure Sodium HID Lamps

Active Cooling: Internal sensor overheat and engaged will automatically reduce output to 70% rated wattage until the sensor cools and will light up again to 100%

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

Rated for use in enclosed and open fixtures in dry or damp locations

4kV surge protection built in

50,000 hour Lifespan

Environmentally friendly, no mercury used

UL Listed, UL Classified

Non-Dimmable

5 Year No Compromise Warranty

Technical Specifications

Performance

Product Type:
HID Replacement

Input Wattage:
54W

Wattage Equivalency:
200W HID

Lumens (Nominal):
7,600lm

Efficacy:
141lm/W

L70 Lifespan:
50,000 Hours

Construction

Bulb Shape:
Post Top

Base Type:
EX39

For Use Outdoors in Open Fixtures:
Yes

LED Characteristics

Color Temperature:
3000K Warm White

Color Accuracy (CRI):
80 CRI

Electrical

THD:
<20%

Power Factor:
0.9

Operating Temperature:
-30°C to 60°C

Dimmable:
No

Input Voltage:
100-277V

Operating Frequency:
50/60Hz

Flicker:
<30%

Optical

Beam Angle:
360°

Other

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.

Installation

Installation Type:
Type B, Ballast Bypass

Installation Orientation:
Universal Installation

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Technical Specifications (continued)

Compliance

UL Listed:
Yes

UL Classified:
Yes

California Energy Commission (CEC) Status:
Lawful for Sales in California

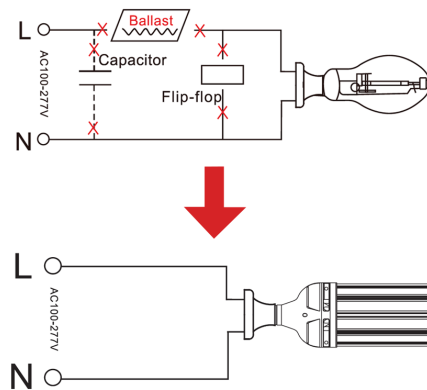**Model Number for Certification:**
HID-54-EX39-830-BYP-PT

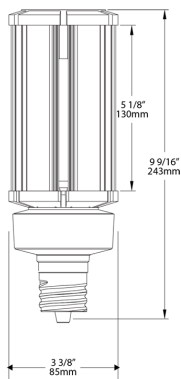## Minimum Compartment Size

Length x Width x Height [in]	Lamp Quantity
8	1

Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	12	15.6	11.8	11
PALLET	432	37.4	33.1	39

Wiring Diagram

Dimension

5 1/8"
130mm

9 9/16"
243mm

3 3/8"
85mm

Light Distribution

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

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