HID-54-EX39-850-BYP-PT/LC

RAB

Project:	Type:	Prepared By:	Date:
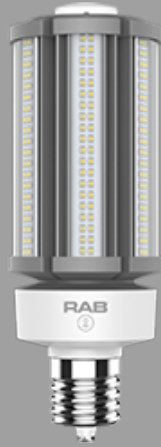
UPC: 019813519197

Features and Benefits

Technical Specifications

Lightcloud

Lightcloud Enabled:
Lightcloud is a commercial wireless lighting control system fully developed and supported by RAB. It's powerful and flexible, yet easy to use and install.

Lightcloud Controller:
Lamp, Zone, and plug-load control from one powerful device. Capable of switching, wireless dimming, power monitoring. Can also be used to extend the range of the Lightcloud mesh network.

Performance

Product Type:
HID Replacement

Input Wattage:
54W

Lumens (Nominal):
8,100lm

Efficacy:
150lm/W

L70 Lifespan:
50,000 Hours

Wattage Equivalency:
200W Metal Halide

Construction

Bulb Shape:
Post Top

Base Type:
EX39

Finish:
White

Electrical

THD:
<20%

Power Factor:
>0.9

Operating Temperature:
-30°C to 60°C

Input Voltage:
100-277V

Operating Frequency:
50/60Hz

Power Monitoring:
Yes, TRIAC Dimming - Forward and Reverse Phase dimming. Please refer to dimmer compatibility chart.

Surge Protection:
10kV

Operating Current:
20mA

Optical

Beam Angle:
360°

RAB

Technical Specifications (continued)

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.

Gateway Required:

Yes, connects to Lightcloud Gateway and other Lightcloud devices

Communication Protocol:

Zigbee

Compliance

Damp Rated:

Suitable for damp locations

UL Listed:

Yes

Enclosed Fixtures:

Suitable for use in enclosed fixtures

FCC:

Yes

Module / Sensor

Input Voltage:

12V

Output Voltage:

0-10V

Max Mounting Height:

20ft.

Rating:

IP20

Wireless Range

Line-of-Site:

700 feet

Obstructions:

70 feet

Installation

Installation:

Lightcloud module provied inside the package must be installed into the lamp prior to installation. Module plugs into the top of the lamp via 3.5MM Auxiliary port.

Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	4	20.47	20.47	10
PALLET	64	42.5	42.5	44.9

Dimension