HID-80-V-EX39-850-BYP-HB-ECO

RAB

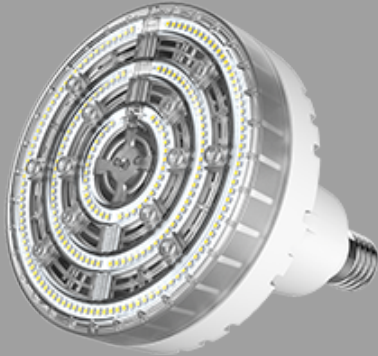<table>
<tr><td>Project:</td><td>Type:</td><td>Prepared By:</td><td>Date:</td></tr>
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UPC: 019813908472

Features and Benefits

Replacement for traditional 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

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, DLC Listed

Lamp includes on board low-voltage AUX port for lamp level sensor accessories

5 Year Limited Warranty

Compatible with RAB specified 0-10V dimming system

Technical Specifications

Performance

Product Type:
HID Replacement

Input Wattage:
80W

Lumens (Nominal):
10,800lm

Efficacy:
135lm/W

L70 Lifespan:
50,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Wattage Equivalency:
250W

Dimming:
Compatible with RAB specified 0-10V dimming system. Dimming capabilities were tested and verified on Legrand RH4FBL3PTC 0-10V dimming system.

LED Characteristics

Color Accuracy (CRI):
80

Color Temperature:
5000K

Construction

Bulb Shape:
High Bay

Enclosure Material:
Polycarbonate & Metal heat sink

Housing Finish:
White

Base Type:
EX39

Electrical

THD:
<20%

Power Factor:
>0.9

Input Voltage:
100-277V

Operating Frequency:
60 Hz

Operating Temperature:
-30°C to 60°C

Surge Protection:
4kV

Installation

Installation Method:
UL Type B, Ballast Bypass

Burning Position:
Base Up

Other

Technology EQ:
Metal Halide or High Pressure Sodium

Technical Specifications (continued)

Warranty:
The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Compliance

Listings:
UL Listed, UL Classified

Environment/Fixture Rating:
Damp / Enclosed

IP Rating:
IP64

RoHS:
Mercury and UV free. RoHS-compliant components.

FCC:
Complies with Part 15B of the FCC Rules

Model Number for Certification:
H10036(HID-80-V-EX39-850-BYP-HB-ECO)

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.
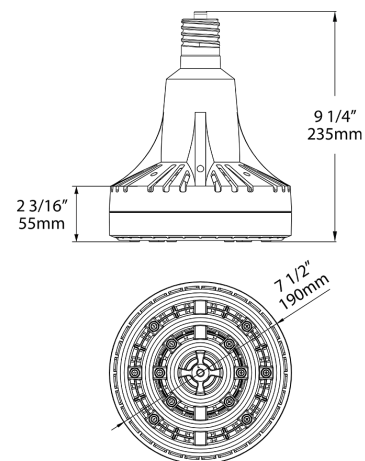DLC Product Code: PLMX58WXO6X9

Minimum Compartment Size

Length x Width x Height [in]	Lamp Quantity
10	1

Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	4	0	0	0
PALLET	64	0	0	0

Dimension

9 1/4"
235mm

2 3/16"
55mm

7 1/2"
190mm

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Light Distribution

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

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