HID-100-EX39-850-BYP-PT-G2

RAB | Lamps

Project:	Type:	Prepared By:	Date:

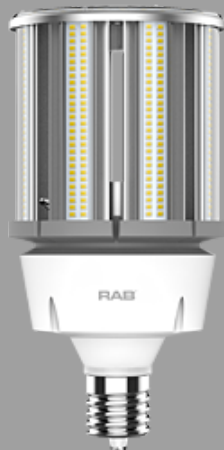**UPC: 19813749266**

Features and Benefits

HID REPLACEMENT - Replace conventional HID lamps

BALLAST BYPASS - Internal driver eliminates the need for external driver or ballast

COMPACT DESIGN - Allows the lamp to fit in most fixtures

HEAT DISSIPATION - Thermal technology extends lifespan

WATER & DUST RESISTANT - Ideal for outdoor fixtures

ENCLOSED FIXTURE RATED - May be used in enclosed and open fixtures

INSTANT ON - No warmup time required, full brightness instantly

SURGE PROTECTION - Includes 4kV surge protection

Technical Specifications

|	
Product Type	HID
Bulb Shape	Post Top
Wattage	100W
Wattage Equivalency	400W HID
Typical Lumen Output	13500
Efficacy	135 lm/W
Color Temperature	5000K Daylight
CRI	80
Base Type	EX39
L70 Lifespan	50,000 hours
Operating Temperature	-30°C - 60°C
Dimmable	No
Beam Angle	360°
Warranty	5-Year, No-Compromise Warranty
Installation Type	Type B, Ballast Bypass
Installation Orientation	For Vertical Installation Only
For Use in Emergency Fixtures	No
For Use Outdoors in Open Fixtures	Yes

Electrical Characteristics

Input Voltage	100-277V
Power Factor	>0.9
Operating Frequency	50 / 60 Hz
Input Current @ 120V	0.67mA
Flicker	<30%
THDi	<20%

Listings

|	
UL Listed	Yes
UL Classified	Yes
DLC Listed	This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.
DLC Model Number	HID-100-EX39-850-BYP-PT
DLC Product Code	PL5O5FOXOW7Q
CEC Status	Lawful for sale in California

Light Distribution

UNIT:cd
C0/180,321.4
C90/270,322.3
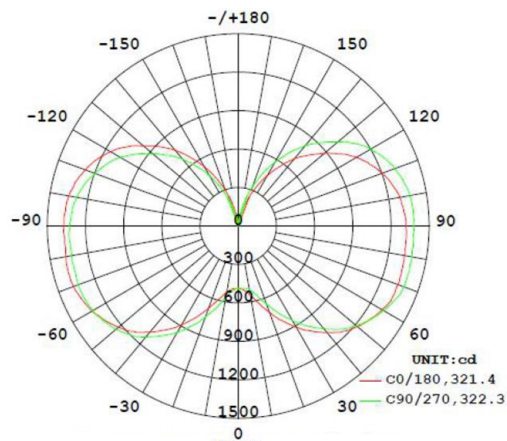
Minimum Compartment Size

Length x Width x Height [mm]	Lamp Quantity
9.8 x 9.8 x 9.1	1

Case and Pallet Dimensions

	QTY	LENGTH	WIDTH	HEIGHT
CASE	6	19.8	14.4	14.2
PALLET	18	30.8	41.6	47.4

Wiring Diagram

Dimension

5 1/8"
130mm

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130mm

10 3/16"
259.1mm

4 15/16"
125mm
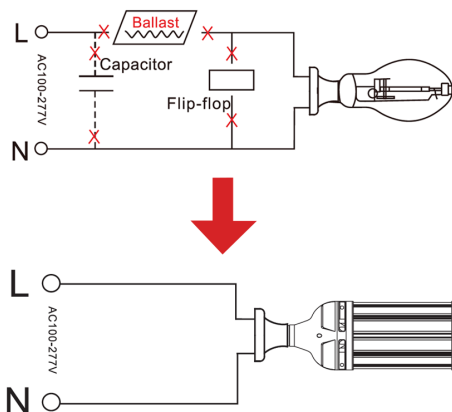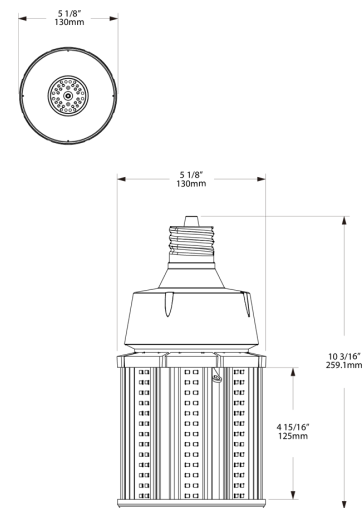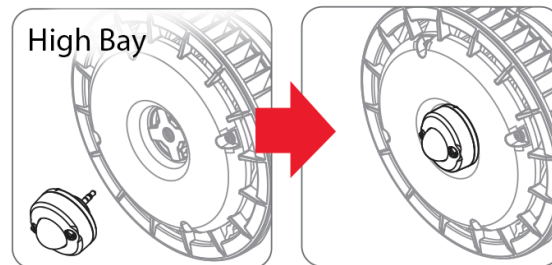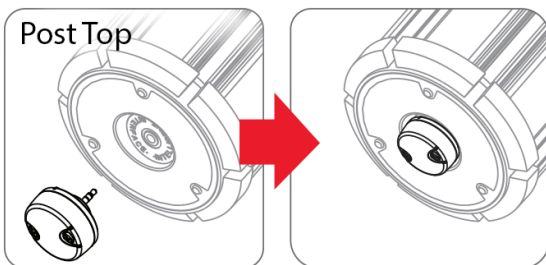
Sensor Installation

Post Top

Compatible with:

HID-80-EX39-8xx-BYP-PT

HID-100-EX39-8xx-BYP-PT

HID-120-EX39-8xx-BYP-PT

High Bay

Compatible with:

HID-60-V-EX39-8xx-BYP-HB

HID-80-V-EX39-8xx-BYP-HB

HID-115-V-EX39-8xx-BYP-HB