ECO Post Top

RAB

HID 50W (ECO)   HID 90W (ECO)

Economical Post Top Lamps
UL Type B

UL **LISTED** UL LISTED	**64** IP RATING	50,000 HOURS	NON-DIMMABLE	ENCLOSED FIXTURE RATED	DAMP RATED	**FC** FCC LISTED	RoHS

5 YEAR LIMITED WARRANTY   **DLC** QPL LISTED   *BALLAST BYPASS*

KEY FEATURES

- **Replaces** traditional **metal halide** or **high pressure sodium HID lamp**
- **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, DLC Listed**
- **Non-dimmable**
- **5-Year,** Limited Warranty

PERFORMANCE

Catalog Number	Equivalency	Input Wattage	Lumens (Nominal)	Efficacy lm/W	Color Temperature	CRI	L70 Lifespan	DLC ID
HID-50-EX39-850-BYP-PT-ECO	200W HID	54W	7500	135	5000K	80	50,000	January 2021
HID-90-EX39-850-BYP-PT-ECO	400W HID	100W	13500	135	5000K	80	50,000	

TECHNICAL SPECIFICATIONS

CONSTRUCTION

Product Type
HID

Bulb Shape
Post Top

Enclosure Material
Polycarbonate & Metal Heat Sink

Endcap Finish
White

Base Type
EX39

Beam Angle
300°

INSTALLATION

Installation Method
UL Type B, Ballast Bypass

Burning Position
Universal

ELECTRICAL

THD
≤20%

Power Factor
>0.9

Input Voltage
100-277V

Operating Frequency
50/60Hz

Operating Temperature
-20°C to 45°C

Note
All values are typical (tolerance +/- 10%)

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TECHNICAL SPECIFICATIONS (CONT.)

COMPLIANCE

Safety Listing
UL Listed

Environment/Fixture Rating
Damp / Enclosed

IP Rating
IP64

DLC
This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities

FCC
Complies with Part 15 of the FCC Rules.

RoHS
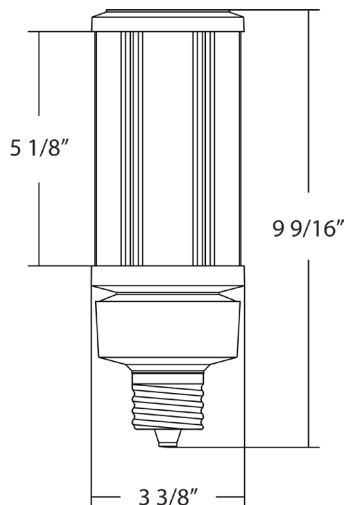Mercury and UV free. RoHS-compliant components.

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.
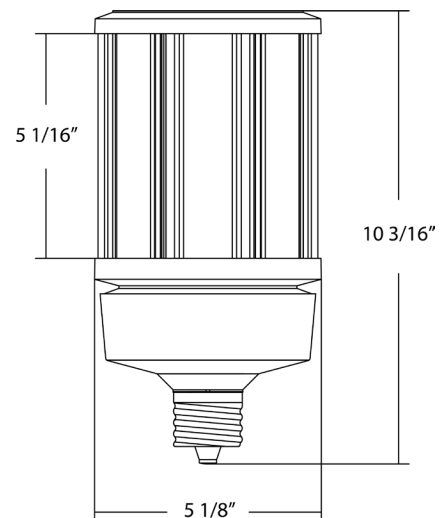
DIMENSIONS

HID 50W (ECO)
Weight: 1.49 lbs

5 1/8"
9 9/16"
3 3/8"

HID 90W (ECO)
Weight: 2.34 lbs

5 1/16"
10 3/16"
5 1/8"

ORDERING INFO

Catalog Number	Model Number (DLC/Energy Star)	UPC	Case Pack
HID-50-EX39-850-BYP-PT-ECO	H10044(HID-50-EX39-850-BYP-PT-ECO)	192552000475	6
HID-90-EX39-850-BYP-PT-ECO	H10045(HID-90-EX39-850-BYP-PT-ECO)	192552000482	6

ORDERING MATRIX

Family		Wattage		Base Type		CRI/Color Temp		Installation Type		Bulb Shape		Classification
HID	-		-	EX39	-	850	-	BYP	-	PT	-	ECO
		50 50W		**EX39** EX39 Base		**850** 80 CRI, 5000K		**BYP** Ballast Bypass		**PT** Post Top		**ECO** Economical
		90 90W										