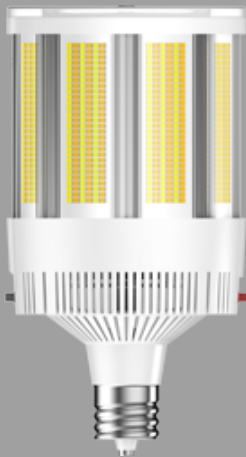


Project:

Type:

Prepared By:

Date:



UPC: 192552045438

Features and Benefits

- Active cooling allows for lamp sizes that are up to 30% smaller, allowing them to fit into tight spaces while more accurately mirroring the traditional ANSI footprint.
- Lumen and CCT selectable via physical controls located on the lamp
- Rated for open and enclosed fixtures with an IP64 listing and polycarbonate lens
- Integral driver enables lamp to be wired directly to line voltage without need for an external driver or ballast
- 3000/4000/5000K Selectable color temperature

Technical Specifications

Performance

Product Type:

Post Top

Description:

These active cooling post top lamps include field-adjustable wattage and CCT, and are available in 120-277V and 277-480V versions. With SKUs from 10W to 450W, this comprehensive family offers a true LED retrofit for existing 1500W HID lamps. Additionally, the active cooling feature allows these lamps to more accurately mirror the ANSI retrofit footprint that they're intended to retrofit, allowing for the reduction in overall length.

Wattage Equivalency:

600W Metal Halide

Input Wattage:

200/150/100W

Lumens:

100W
17,290lm @ 3000K; 18,123lm @ 4000K; 18,225lm @ 5000K;

150W
26,625lm @ 3000K; 26,081lm @ 4000K; 25,871lm @ 5000K;

200W
31,203lm @ 3000K; 33,380lm @ 4000K; 32,829lm @ 5000K

Efficacy:

160lm/W

L70 Lifespan:

50,000-Hour LED lifespan based on IES LM-70 results

Electrical

THD:

20%

Power Factor:

≥0.9

Dimmable:

Step Dimming

Input Voltage:

120-277V

Operating Frequency:

60 Hz

Input Current @ 120V (mA):

2,000mA

Input Current @ 208V (mA):

1,050mA

Input Current @ 240V (mA):

916mA

Input Current @ 277V (mA):

794mA

Operating Temperature:

-40°F to 122°F (-40°C to 50°C)

Flicker:

<50%

Surge Protection:

4 kV

Technical Specifications (continued)

LED Characteristics

Beam Angle:
280°

Color Temperature:
Field adjustable via dip switch 3000/4000/5000K

Color Accuracy (CRI):
83 CRI

R9 Value:
High color performance with R9 greater than 14

Color Consistency:
<7-step MacAdam Ellipse binning to achieve
consistent fixture-to-fixture color

Color Stability:
LED color temperature is warrantied to shift no more
than 200K in color temperature over a 5-year period

Color Uniformity:
RAB's range of Correlated Color Temperature follows
the guidelines of the American National Standard for
Specifications for the Chromaticity of Solid State
Lighting (SSL) Products, ANSI C78.377-2017.

Installation

Installation Method:
UL Type B, Ballast Bypass

Installation Orientation:
Universal Installation

Base Type:
EX39 Exlusionary Mogul

Construction

ANSI Size:
ED37

Endcap Material:
Metal

Enclosure Material:
UV Resistant Polycarbonate housing

Lens Finish:
Clear

Compliance

Listings:
UL Listed, UL Classified

Environment:
Suitable for use indoors in dry and damp
environments.

Fixture Rating:
Suitable for use in enclosed fixtures

IP Rating:
IP54

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.

Certification Model Number:
H20049(HIDFA-200S-EX39-8CCT-BYP)

California Title 20 Compliant:
No

California Title 24 JA8 Compliant:
No

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

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

FCC:
Complies with Part 15 of the FCC Rules

Other

5-Year, No-Compromise 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.

Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	6	18.5	12.6	13
PALLET	40	38.98	37	50.39

Dimension

