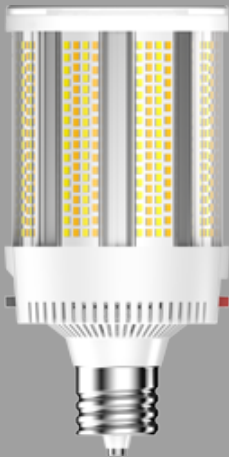


Project:

Type:

Prepared By:

Date:



UPC: 192552045452

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.

Lumens:

- 60W  
9,721lm @ 3000K; 10,147lm @ 4000K; 10,294lm @ 5000K
- 90W  
14,353lm @ 3000K; 15,147lm @ 4000K; 15,103lm @ 5000K
- 120W  
19,065lm @ 3000K; 19,973lm @ 4000K; 19,753lm @ 5000K

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:

277-480V

Operating Frequency:

60 Hz

Operating Temperature:

-40°F to 122°F (-40°C to 50°C)

Flicker:

<50%

Surge Protection:

4 kV

LED Characteristics

Beam Angle:

280°

Color Temperature:

Field adjustable via dip switch 3000/4000/5000K

Color Accuracy (CRI):

81 CRI

R9 Value:

High color performance with R9 greater than 1

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

Efficacy:  
160lm/W

**Technical Specifications (continued)****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 Exclusionary Mogul

**Construction****ANSI Size:**

ED28

**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:**

H20051(HIDFA-120S-EX39-8CCT-BYP/480V)

**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](http://rablighting.com/warranty).

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Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	12	18.1	13.78	10.63
PALLET	40	42.52	36.22	41.34

Dimension

