

Project:

Type:

Prepared By:

Date:



UPC: 192552045933

Features and Benefits

- Compact design offering the perfect fit with existing HID fixtures
- Same look and feel as traditional HID lamps
- Suitable for use in both enclosed and open fixtures
- Integral driver enables lamp to be wired directly to line voltage without need for an external driver or ballast
- 3 Selectable wattages and CCTs 3000/4000/5000K

Technical Specifications

Performance

Product Type:

Glass LED HID Lamps

Description :

Glass LED HID replacement lamps offer high-powered brightness with LED filament technology. Available in many standard ANSI sizes without sacrificing on traditional aesthetics.

Wattage Equivalency:

100W

Input Wattage:

25/20.5/17W

Lumens:

- 3000K 4,500lm@25W
- 3000K 3,700lm@20.5W
- 3000K 3,100lm@17W
- 4000K 4,700lm@25W
- 4000K 3,900lm@20.5W
- 4000K 3,250lm@17W
- 5000K 5,000lm@25W
- 5000K 4,100lm@20.5W
- 5000K 3,450lm@17W

Efficacy:

- 180lm/w @ 3000K
- 188lm/w @ 4000K
- 200lm/w @ 5000K

L70 Lifespan:

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

Electrical

THD:

<20%

Power Factor:

≥0.9

Dimmable:

3 step brightness adjustable

Input Voltage:

120-277V

Operating Frequency:

50/60Hz

Input Current @ 120V (mA):

208mA

Input Current @ 208V (mA):

120mA

Input Current @ 240V (mA):

104mA

Input Current @ 277V (mA):

90mA

Operating Temperature:

-22°F to 113°F (-30°C to +45°C)

Surge Protection:

4 kV

LED Characteristics

Beam Angle:

360°

Color Temperature:

Field adjustable via dip switch 3000/4000/5000K

Color Accuracy (CRI):

80 CRI

R9 Value:

High color performance with R9 greater than 1

Technical Specifications (continued)**Color Consistency:**

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

Color Stability:

LED color temperature is warranted 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 Exclusionary Mogul

Construction**ANSI Size:**

ED28

Endcap Material:

Metal

Enclosure Material:

Glass Lamp Envelop

Lens Finish:

Clear

Compliance**Listings:**

ETL Listed

Environment:

Suitable for use indoors and outdoors in dry, damp, or wet environments.

Fixture Rating:

Suitable for use in enclosed fixtures.

Suitable for use in open fixtures.

IP Rating:

IP54

DLC Listed:

This product family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at designlights.org to confirm the qualification status of a specific SKU prior to specification or purchase.

Certification Model Number:

H10108(FHID-25S-EX39-8CCT)

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**Compatible Accessories:**

HID-ACC-E26

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	12	14.96	11.42	11.42
PALLET	480	46.69	38.82	46.34

Dimension

