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|-----------------|--------------|---------------------|--------------|
| <b>Project:</b> | <b>Type:</b> | <b>Prepared By:</b> | <b>Date:</b> |
|-----------------|--------------|---------------------|--------------|



UPC: 192552045940

**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, 5000K CCT

**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:**

320W

**Input Wattage:**

45/38/30W

**Lumens:**

8,750lm@45W

7,400lm@38W

5,850lm@30W

**Efficacy:**

195lm/W

**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):**

375mA

**Input Current @ 208V (mA):**

216mA

**Input Current @ 240V (mA):**

188mA

**Input Current @ 277V (mA):**

162mA

**Operating Temperature:**

-22°F to 113°F (-30°C to + 45°C)

**Surge Protection:**

4 kV

**LED Characteristics**

**Beam Angle:**

360°

**Color Temperature:**

5000K

**Color Accuracy (CRI):**

80 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



## 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:

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](https://www.designlights.org) to confirm the qualification status of a specific SKU prior to specification or purchase.

### Certification Model Number:

H10109(FHID-45S-EX39-850)

### 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](https://www.rablighting.com/warranty).

**Case and Pallet Dimensions**

|               | QTY | LENGTH (in) | WIDTH (in) | HEIGHT (in) |
|---------------|-----|-------------|------------|-------------|
| <b>CASE</b>   | 12  | 14.96       | 11.42      | 11.42       |
| <b>PALLET</b> | 480 | 46.69       | 38.82      | 46.34       |

**Dimension**

