



UPC: 192552045544

Color: White

Weight: 1.5 lbs

Project:	Type:
Prepared By:	Date:

### Technical Specifications

#### Performance

##### Product Type:

HID Replacement Bulb

##### Description :

These HID replacement lamps provide smooth, diffuse, omnidirectional light, making them great for any HID retrofit installation

##### Wattage Equivalency:

300W Incandescent, 100-175W HID

##### Input Wattage:

34/28/21W

##### Lumens:

4,700/3,900/3,000lm @3000K  
4,950/4,100/3,100m @4000K  
4,850/4,000/3,050lm @5000K

##### Efficacy:

138lm/W

##### L70 Lifespan:

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

#### Electrical

##### THD:

≤20%

##### Power Factor:

≥0.9

##### Dimmable:

Step Dimming: 75-100%  
TRIAC Dimming:20-100%

##### Input Voltage:

120-277V

##### Operating Frequency:

50/60Hz

##### Input Current @ 120V (mA):

260mA

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

160mA

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

150mA

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

130mA

##### Operating Temperature:

-40°F to 113°F (-40°C to 45°C)

##### Flicker:

Step Dimming: 75-100%  
TRIAC Dimming:20-100%

##### Surge Protection:

4 kV

#### LED Characteristics

##### Beam Angle:

230°

##### Color Temperature:

Field adjustable via dip switch 3000/4000/5000K

##### Color Accuracy (CRI):

80 CRI

##### R9 Value:

High color performance with R9 greater than 4

##### 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.

**Technical Specifications (continued)****Installation****Installation Method:**

UL Type B, Ballast Bypass

**Installation Orientation:**

Universal Installation

**Base Type:**

EX39 Exclusionary Mogul

**Construction****Finish:**

White

**Lens Material:**

Frosted polycarbonate lens diffuses light evenly and smoothly

**Enclosure Material:**

Precision die-cast aluminum heat sink has superior thermal management

**Lens Finish:**

Frosted Milky white

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

**Certification Model Number:**

H20048(HIDFA-150S-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****Compatible Accessories:**

HID-ACC-E26

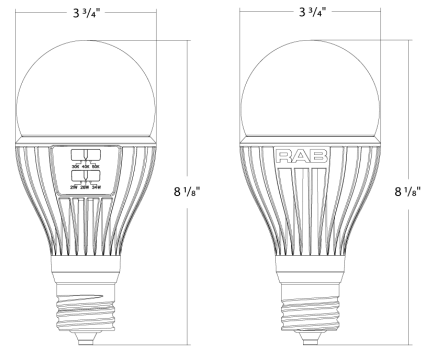
**5-Year, No-Compromise Warranty:**

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

**Case and Pallet Dimensions**

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	6	16.06	10.83	10.12
PALLET	10	48.18	37.72	40.64

**Dimension**



**Features**

- Wattage & CCT field-adjustable HID replacement lamps with omnidirectional light output
- Die-cast housing with superior thermal management
- 120-277V Universal driver, internal surge protection, and suitable for use in totally enclosed fixtures
- 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

**Ordering Matrix**

Family	Size/Wattage	Base	CRI/Color Temp	Dimming	Driver
PS30	34S	EX39	8CCT	DIM	UNV
	34S = 34W Wattage Selectable 41S = 41W Wattage Selectable	EX39 = Mogul Base	8CCT = 80 CRI, 3000/4000/5000K CCT Adjustable	DIM = TRIAC Dimmable	UNV = 120-277V