



UPC: 192552045520

Color: White

Weight: 0.6 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:

125W Incandescent

#### Input Wattage:

17W

#### Lumens:

2,200lm @3000K

2,350lm @4000K

2,300lm @5000K

#### Efficacy:

128lm/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):

135mA

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

85mA

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

75mA

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

67mA

#### Operating Temperature:

-40°F to 113°F (-40°C to 45°C)

#### Flicker:

Step Dimming: 75-100%

TRIAC Dimming: 20-100%

#### Surge Protection:

4KV

### LED Characteristics

#### Beam Angle:

230°

#### Color Temperature:

Field adjustable via dip switch 3000/4000/5000K

#### Color Accuracy (CRI):

90 CRI

#### R9 Value:

High color performance with R9 greater than 6

#### 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.

**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:**

No

**Certification Model Number:**

H20046(HIDFA-80S-EX39-8CCT-BYP)

**California Title 20 Compliant:**

Can be used to conform with the requirements of California Title 20

**California Title 24 JA8 Compliant:**

Can be used to conform with the requirements of California Title 24 Part 6

**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-EX39

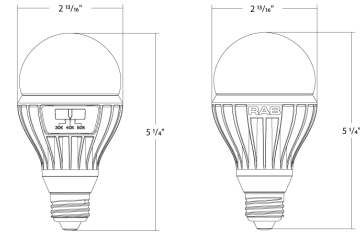
**5-Year, No-Compromise Warranty:**

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	12.28	8.31	7.28
PALLET	27	49.86	36.84	43.84

## 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
A21	17	E26	9CCT	DIM	UNV
	17 = 17W	E26 = Medium Base	9CCT = 90 CRI, 3000/4000/5000K CCT Adjustable	DIM = TRIAC Dimmable	UNV = 120-277V