A23-24S-EX39-8CCT-DIM-UNV

RAB

UPC: 192552045537

Color: White   Weight: 1.0 lbs

Project: Type:

Prepared By: Date:

Technical Specifications

Performance

Product Type:
HID Repacement Bulb

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

Wattage Equivalency:
200W Incandescent, 70-100W HID

Input Wattage:
24/19/14W

Lumens:
3,200/2,550/1,900lm @3000K
3,500/2,800/2,100lm @4000K
3,400/2,750/2,050lm @5000K

Efficacy:
133lm/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):
200mA

Input Current @ 208V (mA):
120mA

Input Current @ 240V (mA):
105mA

Input Current @ 277V (mA):
95mA

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 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

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.

Need help? Tech help line: **(888) 722-1000** Email: **techsupport@rablighting.com** Website: **www.rablighting.com**

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Technical Specifications (continued)

Installation

Installation Method:
UL Type B, Ballast Bypass

Installation Orientation:
Universal Installation

Base Type:
EX39 Exlusionary 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 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.
DLC Product Code: N1XMLOEATBA
Learn more about Lightcloud.com.

Certification Model Number:
H20047(HIDFA-120S-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
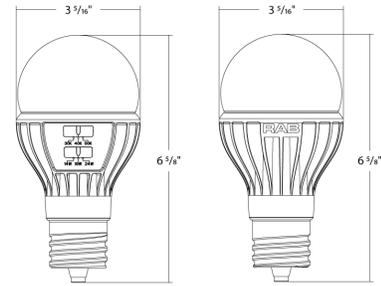
Other

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.

RAB®

Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	6	14.88	10.04	8.66
PALLET	15	44.64	40.16	43.46

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
A23	–	24S	–	EX39	–	8CCT	–	DIM	–	UNV
		24S = 24W Wattage Selectable		**EX39** = Mogul Base		**8CCT** = 80 CRI, 3000/4000/5000K CCT Adjustable		**DIM** = TRIAC Dimmable		**UNV** = 120-277V

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