Filament HID Replacement

RAB

ED28

ED32

3 NO COMPROMISE YEAR WARRANTY — ED28

5 NO COMPROMISE YEAR WARRANTY — ED32

UL CERTIFIED

BALLAST By pass

Filament lamps CRI80 clear

| 80 CRI | ENCLOSED FIXTURE RATED | WET RATED | 120-277V | IP65 RATING | FCC LISTED | RoHS |

KEY FEATURES

- Replaces traditional 175W(ED28)/300W(ED32) Metal Halide
- Integral driver enables lamp to be wired directly to line voltage without need for an external driver or ballast
- Rated for use in open and enclosed fixtures in **dry, damp, or wet** locations
- Full glass design provides **omnidirectional output**
- **25,000**-Hour lifespan(ED28)/ **50,000**-Hour lifespan(ED32)

PERFORMANCE

Catalog Number	Equivalency	Input Wattage	Lumens	Efficacy	Dimmable	L70 Lifespan	Color Temperature	CRI
ED28-36-EX39-850-F-C	175W Metal Halide	36W	6,000 lm	167 lm/W	No	25,000 hr	5000K	80+
ED32-54-EX39-850-F-C	300W Metal Halide	54W	10,000 lm	185 lm/W	Yes, TRIAC/ELV	50,000 hr		

TECHNICAL SPECIFICATIONS

CONSTRUCTION

Product Type
Filament HID Replacement

Bulb Shape
ED28, ED32

Enclosure Material
Glass

Endcap Material
ED28: Ceramic
ED32: Nickel-Copper

Lens Finish
Clear

Base Type
EX39

Beam Angle
360°

ELECTRICAL

Dimmable
ED28: No, not suggested for dimming applications
ED32: Yes, TRIAC/ELV (ED32)

Power Factor
≥0.9

Input Voltage
120-277V

Operating Frequency
ED28: 50/60 Hz, ED32: 60Hz

Operating Temperature
ED28: -4°F to 113°F *(-20℃ to 45℃)*
ED32: -13°F to 113°F *(-25℃ to 45℃)*

Flicker
ED28: <70%, ED32: N/A

Surge Protection
4kV

Filament HID Replacement

RAB®

TECHNICAL SPECIFICATIONS

INSTALLATION METHOD

Installation Method
UL Type B

Installation Orientation
Vertical

COMPLIANCE

Listings
ED28: UL Listed
ED32: UL Listed, UL Classified

Environment
Suitable for use in dry, damp, and wet environments.

Fixture Rating
Suitable for use in enclosed fixtures

IP Rating
IP65

Energy Star Approved
No. There is no product category on Energy Star for this lamp to qualify under.

DLC Listed
ED28: No, this product is not DLC Listed.
ED32: 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.

T20 Compliant
No, this product does not meet California Title 20 requirements.

California Title 24 JA8 Compliant
No, this product does not meet California Title 24 JA8 requirements.

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

LED Characteristics

Color Temperature
5000K

Color Accuracy (CRI)
≥80

R9 Value
High color performance with R9 no less than 0

Color Consistency
ED28: <6-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color
ED32: <7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

OTHER

Warranty
ED28:
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of three (3) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

ED32:
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.

Buy American Act Compliance
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.
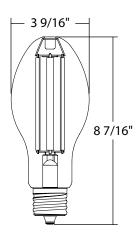
Note
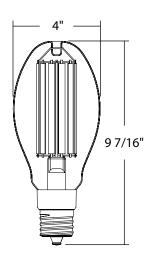All values are typical (tolerance +/- 10%)

DIMENSIONS

ED28
Weight: 0.91 lb

3 9/16"

8 7/16"

ED32
Weight: 0.64 lb

4"

9 7/16"

RAB

ACCESSORIES

Surge protector

Step down transformer

Catalog Number	UPC	Description
SP10KV	019813749273	HID Replacements 10KV surge protector 30PK
XFMR200-480-277	019813833071	HID Replacements XFMR200 transformer 200W 480V

ORDERING INFO

Catalog Number	Model Number	UPC	Case Pack
ED28-36-EX39-850-F-C	H20024(ED28-36-EX39-850-F-C)	192552025546	6
ED32-54-EX39-850-F-C	F10026(ED32-54-EX39-850-F-C)	192552029322	6

ORDERING MATRIX

Family		Wattage		Base Type		CRI/Color Temp		Type		Finish
	-		-	EX39	-	850	-	F	-	C
ED28	36	36W(ED28)	EX39	Exclusionary Mogul	850	80 CRI, 5000K	F	Filament	C	Clear
ED32	54	54W(ED32)								