



2" deep recess downlight delivers higher lumen output and reduces glare.

Color: Silver trim black cone

Weight: 2.9 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant Current
120V	0.11A
208V	0.07A
240V	0.06A
277V	0.05A
Input Watts	12W

LED Info

Watts	10W
Color Temp	3500K (Warm Neutral)
Color Accuracy	94 CRI
L70 Lifespan	100,000 Hours
Lumens	713 lm
Efficacy	59.4 lm/W

Technical Specifications

Compliance

UL Listed:

Suitable for Wet Locations. Covered Ceiling Mount Only.

Electrical

Driver:

Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.11A, 208V: 0.07A, 240V: 0.06A, 277V: 0.05A

Dimming Driver:

0 - 10V (at 120-277V), TRIAC and ELV (at 120V only). See [dimmer compatibility guide here](#).

THD:

15.8% at 120V, 27.5% at 277V

Power Factor:

98.5% at 120V, 90.1% at 277V

Surge Protection:

4 kV

Optical

Optics:

40°

Performance

Lifespan:

100,000-Hour LED lifespan based on IESlm-80 results and TM-21 calculations

LED Characteristics

LEDs:

Long-life, high-efficiency, surface-mount LEDs

Color Stability:

LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period

Construction

Cold Weather Starting:

Minimum starting temperature is -35°C (-31°F)

Maximum Ambient Temperature:

Suitable for use in up to 104°F (40°C)

Housing:

Specification-grade, die-cast aluminum construction

Reflector:

Vacuum-metallized polycarbonate

Trim Ring:

Silver powder coated die cast trimless ring

Trim Cone:

Black round trim cone

Lens:

Optical grade polycarbonate

Green Technology:

Mercury and UV free. RoHS-compliant components.

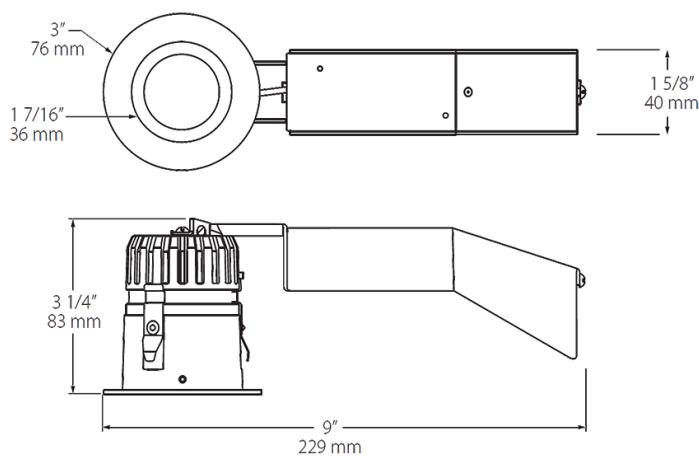
Other

Replacement:

Replaces 75W MR16

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](#).

Dimensions**Features**

10W replaces 75W MR16

Universal dimming (TRIAC, ELV and 0-10V) for optimal light control

Deep recessed design improves visual cutoff and reduces glare

Ordering Matrix

Family	Size/Shape	Wattage	Driver	Optics	Color Temp	CRI	Trim Cone	Trim Ring	Trim Style
RDDLED	2R	10	D	40	YN	HC	B	S	TL
2S = 2" Square 2R = 2" Round	10 = 10W	D = Universal Dimmer	20 = 20 30 = 30 40 = 40 W = Wall Wash	YY = 2700K Residential Warm Y = 3000K Warm YN = 3500K Warm Neutral N = 4000K Neutral	Blank = 80 CRI HC = 90 CRI	W = White B = Black S = Specular M = Matte	W = White B = Black S = Silver SA = Satin Aluminum	T = 1/2" Trim TL = Trimless	