

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info			
Type	Constant Current	Watts	8W		
120V	0.07A	Color	2700/3000/3500/4000/5000K		
208V	N/A	Temp Color			
240V	N/A	Accuracy	90 CRI		
277V	N/A	L70	50,000 Hours		
Input Watts	OVV	Lifespan	30,000 110413		
		Lumens	700 lm		
		Efficacy	88		

Technical Specifications

Performance

Product Type:

Recessed Retrofit

Description:

Contractor-grade adjustable gimbal retrofit downlights offered with up to 5 field selectable color temperatures in 1 model.

Wattage Equivalency:

65W Incandescent

Input Wattage:

8W

Lumens:

2700K @ 719lm; 3000K @ 731lm; 3500K @ 746lm; 4000K @ 752lm; 5000K @ 768lm

Efficacy:

2700K @ 97lm/W; 3000K @ 99lm/W; 3500K @ 103lm/W; 4000K @ 104lm/W; 5000K @ 103lm/W

L70 Lifespan:

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

Electrical

Driver

Constant Current, 60 Hz, 120V, 120V: 0.07 A

THD:

≤20%

Power Factor:

≥0.9

Dimmable:

Yes, dims down to 10% on compatible TRIAC/ELV system.

See Dimmer Compatibility List.

Input Voltage:

120V

Operating Frequency:

60 Hz

Input Current @ 120V (mA):

65mA

Operating Temperature:

-22°F to 104°F (-30°C to 40°C)

LED Characteristics

Color Temperature:

Field adjustable via dip switch 2700/3000/3500/4000/5000K

Color Accuracy (CRI):

>90 CRI

R9 Value:

High color performance with R9 greater than or equal to 50

Color Consistency:

<4-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.

Installation

Mounting:

Recessed Housing

Construction

Size:

Shape:

Round

Technical Specifications (continued)

Finish:

White

Enclosure Material:

Metal

Trim Style:

Smooth

Lens:

Polycarbonate light diffuser distributes light evenly and smoothly for general lighting applications

Cut Out Template Size:

4 5/16"

Compliance

Listings:

UL Recognized, UL Classified

IC Rated:

No

Air Tight:

No

Energy Star Approved:

This product is ENERGY STAR® Version 2.2 Certified

DLC Listed:

No

Certification Model Number:

DLG0010(RA4R89FA120WS)

T20 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

NEC Compliant:

Suitable for use in closets. Compliant with NEC Sec. 410.16 (A)(1) and 410.16 (C3).

IESNA LM-79 & LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

RoHS:

Mercury and UV free. RoHS-compliant components.

FCC:

Complies with Part 15B of the FCC Rules

Other

Accessories:

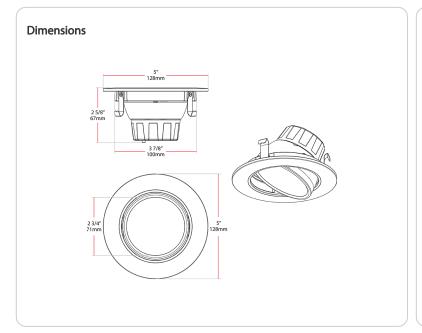
DRI-25-EMGR-DC
Battery Backup Driver
DRI-21-EMGR-DC-D10
Battery Backup Driver T20

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.

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.



Features

Use to replace traditional halogen and incandescent light sources

Durable metal construction: dent and scratch resistant

5 Color temperature selectable 2700K, 3000K, 3500K, 4000K, & 5000K

Compatible with most standard recessed housings

Color trims sold separately

Ordering Matrix								
Family	Size	Shape	Wattage	CRI/Color Temp	Driver	Finish	Trim	
RA	4	R	8	9FA	120	W	S	
	4 = 4" 6 = 6"	R = Round	8 = 8W 10 = 10W 11 = 11W	9FA = 90 CRI, 2700/3000/3500/4000/5000K CCT Adjustable	120 = 120V	W = White	S = Smooth	