



Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current, Class 2	Watts	15W
120V	0.12A	Color Temp	2700/3000/3500/4000/5000K
208V	N/A	Color Accuracy	90 CRI
240V	N/A	L70 Lifespan	50,000 Hours
277V	N/A	Lumens	1,250 lm
Input Watts	15W	Efficacy	67

Technical Specifications

Performance

Product Type:
Trimless Recessed

Description:

Trimless downlights make any space feel high-end. Great for new construction and retrofit applications. Available in 2", 3" & 4" small apertures while still providing great lumen output.

Wattage Equivalency:

90W Incandescent

Input Wattage:

15W

Lumens:

2700K @ 1,133lm
3000K @ 1,233lm
3500K @ 1,302lm
4000K @ 1,354lm
5000K @ 1,352lm

Efficacy:

2700K @ 78lm/W
3000K @ 87lm/W
3500K @ 94lm/W
4000K @ 98lm/W
5000K @ 93lm/W

L70 Lifespan:

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

Electrical

Driver:

Constant Current, Class 2, 60 Hz

THD:

≤25%

Power Factor:

≥0.9

Dimmable:

Yes, dimmable down to 10% on compatible TRIAC/ELV dimming systems. See Dimmer Compatibility List.

Input Voltage:

120V

Operating Frequency:

60 Hz

Input Current @ 120V (mA):

120mA

Operating Temperature:

-13°C to 104°F (-25°C to 40°C)

Flicker:

≤30%

Beam Angle:

38°±5°

LED Characteristics

Color Temperature:

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

Color Accuracy (CRI):

>90 CRI

R9 Value:

High color performance with R9 greater than 50

Color Consistency:

<4-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

Remote Driver/Junction Box:

Die-formed metal driver & junction box with captive hinged junction box cover. Listed for maximum of (4) 12AWG through-branch circuit conductor suitable for 90°C permitted in box. Easy to wire in 2in/2out (plus ground) applications. (4) conduit pry-outs. (3) quick snap-in connectors for quick and reliable line voltage connections. Integral mounting facilitates direct mounting to building structure or mounting frame.

Mounting:

Recessed mounting, not for use inside downlight housings

Construction

Size:

3"

Shape:

Round

Finish:

White

Enclosure Material:

Metal

Trim Style:

Smooth

Lens Finish:

Clear

Lens:

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

Air Tight:

Housing certified Air Tight as per ASTM E283

Compliance

ETL Listed:

This product has been tested by Intertek and found in compliance with accepted national standards.

Environment:

Suitable for use indoors and outdoors in dry, damp, or wet environments.

IC Rated:

Suitable for direct contact with insulation. Type IC inherently protected, suitable for direct contact to air permeable insulation and cULus listed for damp locations. Not for use in direct contact with spray foam insulation, consult NEMA LSD57-2013.

Energy Star Approved:

This product is ENERGY STAR® Version 1.0 Certified.

Energy Star ID:

3417557

Certification Model Number:

DLR0145(R3TL)

California Title 20 Compliant:

No

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 15 of the FCC Rules

Other

Compatible Accessories:

[DRI-21-EMGR-DC-D10](#)

Emergency driver T20

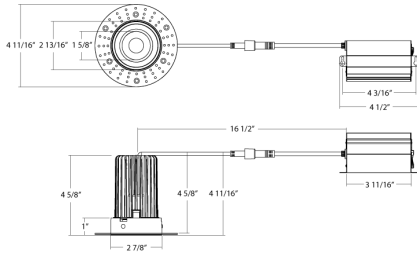
Warranty:

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.

Note:

All values are typical (tolerance +/- 10%)

Dimensions



Features

- High-end trimless design
- 5 Field-adjustable CCTs
- Deep regress, remote driver downlight
- No recessed housing or J-box required
- 120V Triac dimmable driver included

Ordering Matrix

Family	Size/Wattage	Shape	CRI/Color Temp	Voltage/Dimming	Finish	Trim
R	3					TL
	2 = 2", 9W 3 = 3", 15W 4 = 4", 20W	Blank = Round	Blank = 90 CRI, 2700K/3000K/3500K/4000K/5000K CCT Adjustable	Blank = 120V, TRIAC/ELV	Blank = White	TL = Trimless