



Project:	Type:
Prepared By:	Date:

Technical Specifications

Compliance

UL Classified:

Suitable for wet locations

Energy Star Approved:

ENERGY STAR® Version 2.2 Certified

Model Number for Certification:

DLR0100

NEC Compliant:

Suitable for use in closets. Compliant with NEC Sec. 410.16 (A)(1) and 410.16 (C5).

California Title 24:

Can be used to conform with the requirements of California Title 24 Part 6.

California Title 20:

Compliant LED Product

Electrical

Dimming Driver:

TRIAC compatible dimmer with dimming as low as 5%. [See dimmer compatibility guide here.](#)

Power Factor:

≥0.9

PF:

≥0.9

Input Voltage:

120V through 277V

Operating Frequency (Hz):

50/60Hz

Performance

Lifespan:

50,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Wattage Equivalency:

100W Incandescent

Construction

Shape:

Round

Trim Style:

Smooth Trim

Housing:

Constructed from durable aluminum that also dissipates heat away from on board high efficacy driver

Cold Weather Starting:

The minimum starting temperature is -30°C (-22°F)

Maximum Ambient Temperature:

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

Lens:

Frosted polycarbonate diffusion lens. Regressed lens. Constructed from durable sheet metal construction.

Green Technology:

Mercury and UV free. RoHS-compliant components.

Mounting:

Easy installation with friction clips (4") and torsion springs (5"/6")

Socket Adapter:

Edison 26 Medium Base Socket adapter included in box

Compatibility:

Compatible with most 5" and 6" recessed housings

Finish:

Matte White

Optical

Beam Angle:

120°

Technical Specifications (continued)

LED Characteristics

LEDs:

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

R9 Value:

High color performance with R9 greater than or equal to 50

Flicker:

Silent and flicker free operations of less than 30%

Other

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.

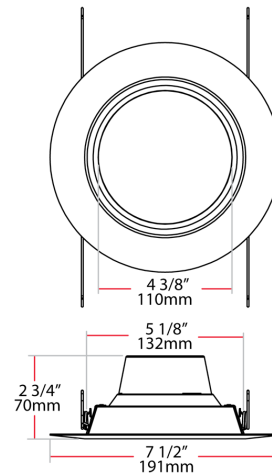
Buy American Act Compliance:

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.

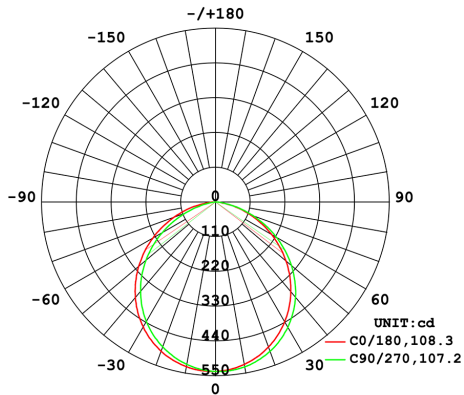
Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	8	18.2677	15.6299	7
PALLET	336	8.85827	7.51969	47.6378

Dimension



Light Distribution



Features

- Universal voltage 120-277V
- Use to replace up to 100W traditional light sources
- Durable construction: dent and scratch resistant
- UL wet location rated
- Compatible with most standard recessed housings
- Dimmable down to 5% on compatible dimmers
- Available in 4 color temperatures: 2700K, 3000K, 3500K, 4000K
- Available in a smooth trim option
- 5-Year, No-Compromise Warranty

Ordering Matrix

Family	Size	Shape	Wattage	CRI/Color Temp	Voltage	Finish	Trim
R	6	R	14	927	UNVT	W	S
	4 = 4"	R = Round	7 = 7W	950 = 90 CRI, 5000K	120 = 120V	W = White	B = Baffle
	6 = 6"	S = Square	8 = 8W	940 = 90 CRI, 4000K			S = Smooth
			9 = 9W	935 = 90 CRI, 3500K			
			10 = 10W	930 = 90 CRI, 3000K			
			11 = 11W	927 = 90 CRI, 2700K			
			14 = 14W	840 = 80 CRI, 4000K			
				835 = 80 CRI, 3500K			
				830 = 80 CRI, 3000K			
				827 = 80 CRI, 2700K			