C6R12840UNVW



UPC: 019813511177

Color: White

Weight: 1.4 lbs

Project:	Type:
Prepared By:	Date:

Driver Info

Type	Constant Current
120V	0.11A
208V	0.065A
240V	0.055A
277V	0.045A
Input Watts	10.5W

LED Info

Watts	12W
Color Temp	4000K (Neutral)
Color Accuracy	80 CRI
L70 Lifespan	50,000 Hours
Lumens	1,143 lm
Efficacy	87.5

Technical Specifications

Compliance

UL Listed & UL Classified:
Suitable for wet locations

Energy Star Approved:
ENERGY STAR® Version 2.2 Certified

Certification Model Number:
DLC0004

Energy Star ID:
2349548

Electrical

Dimming Driver:
Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

THD:
<20%

Power Factor:
≥0.9

THDi:
Produces less than 20% THD

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:
18W CFL

Construction

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.

Air Tight:
Housing certified Air Tight as per ASTM E283

Housing:
Made from precision die-cast aluminum construction, dissipates heat from electrical components

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)

Green Technology:
Mercury and UV free. RoHS-compliant components.

Mounting:
Robust retention clips spring loaded tabs ensure the fixture is securely installed. Can be installed in 1/4" to 1 1/2" thick ceilings.

Lens:
Diffuse Polystyrene lens produces smooth uniform light that is glare free

Finish:
Matte White

Optical

Beam Angle:
90°±10°

LED Characteristics

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

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Technical Specifications (continued)

Flicker:
Silent and flicker free operations of less than 30%

Other

Template:
Template included for easy ceiling cut out

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.

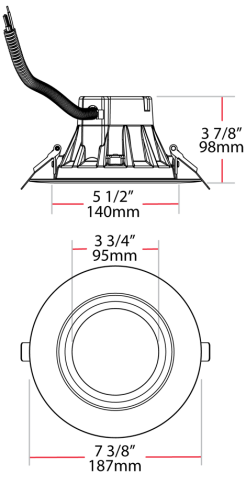
Accessories:
DLPLATE/T: New Construction or Remodel Plate for T-Grid ceilings for use with 6" and 8" Models
DLPLATE/SJ: New Construction Plate for Stud/Joist mounting for use with 6" and 8" Models
DL6-8GOOF/R/P: 8" Goof Ring for 6" Commercial Downlight

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	4	16.12	10.04	8
PALLET	480	7.75	7.75	85.04

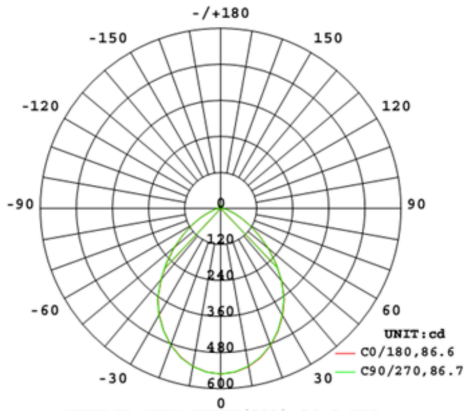
Dimension



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Light Distribution



Features

- High Performance LEDs for commercial applications
- Replacement for traditional compact fluorescent recessed downlights
- Compatible with new construction or retrofit installations
- UL wet and Energy Star rated
- Meets air-tight requirements
- Matte white smooth trim finish
- Available in 3 color temperatures: 3000K, 3500K, 4000K
- 0 - 10V dimmable
- Spring loaded retention clips
- 25-inch Flexible conduit
- 5-Year, No-Compromise Warranty

Ordering Matrix

Family	Size	Shape	Wattage	CRI/Color Temp	Voltage	Finish
C	6	R	12	840	UNV	W
	6 = 6" **8 =** 8"	**R =** Round	**12 =** 12W **18 =** 18W **24 =** 24W **33 =** 33W	**840 =** 80 CRI, 4000K **835 =** 80 CRI, 3500K **830 =** 80 CRI, 3000K	**UNV =** 120-277V	**W =** White

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