



Project:	Type:
Prepared By:	Date:

Technical Specifications

Performance

Product Type:

Compact

Description:

Omnidirectional light output. 4-Pin Hybrid compact fluorescent replacement.

Wattage Equivalency:

18W CFL

Input Wattage:

7W

Lumens:

800lm

Efficacy:

114lm/W

L70 Lifespan:

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

Electrical

THD:

≤20%

Power Factor:

≥0.9

Dimmable:

Yes

Dimming Type:

Type A: 0-10v dimming with a compatible dimmable ballast

Type B: Not suggested for dimming applications

Visit rablighting.com for the ballast and dimmer compatibility lists.

Input Voltage:

120-277V

Operating Frequency:

50/60Hz

Input Current @ 120V (mA):

60mA

Input Current @ 208V (mA):

76mA

Input Current @ 240V (mA):

66mA

Input Current @ 277V (mA):

57mA

Operating Temperature:

-4°F to 113°F (-20°C to 45°C)

Flicker:

0%

LED Characteristics

Color Temperature:

2700K

Color Accuracy (CRI):

≥80 CRI

R9 Value:

High color performance with R9 no less than 0

Color Consistency:

<6-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.

Installation

Installation Method:

UL Type A+B

Technical Specifications (continued)

Installation Orientation:

Vertical and Horizontal

Base Type:

G24q

Construction

Finish:

White

Bulb Shape:

PL

Endcap Material:

Copper

Enclosure Material:

Polycarbonate

Lens Finish:

Frosted

Compliance

Listings:

UL Listed, UL Classified

Environment:

Suitable for use in dry and damp environments

Fixture Rating:

Suitable for use in enclosed fixtures

Energy Star Approved:

No.

There is no product category on Energy Star for this lamp to qualify under.

T20 Compliant:

Not compliant

California Title 24 JA8 Compliant:

Not Compliant

California Energy Commission (CEC) Status:

Lawful for Sales in California

NSF Listed:

Meets NSF/ANSI standards for use in Food Zone (non-contact), Splash, and Non-Food Zones. Tube guard required in open fixtures.

RoHS:

Mercury and UV free. RoHS-compliant components.

FCC:

Complies with Part 15B of the FCC Rules

Other

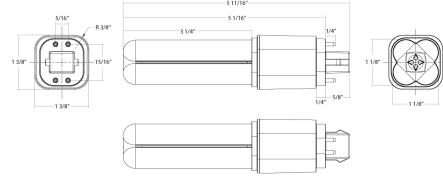
Warranty:

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.

Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	12	6.1	6.2	5
PALLET	190	47.2	39.4	45

Dimension



Features

- Omni directional light distribution, suitable for horizontal or vertical installations
- Plug and Play on existing magnetic and electronic CFL ballasts or can be wired directly to line voltage without need for an external driver or ballast
- Compatible with G24q / GX24q installations
- Rated for use in enclosed fixtures in dry or damp locations
- Environmentally friendly, no mercury used

Ordering Matrix

Family	Wattage	Type	CRI/Color Temp	Installation Type	Base Type
PLC	7 9.5	O	827	HYB	G24Q
	7 = 7W 9.5 = 9.5W	O = Omnidirectional	840 = 80 CRI, 4000K 835 = 80 CRI, 3500K 830 = 80 CRI, 3000K 827 = 80 CRI, 2700K	HYB = Hybrid - Type A+B	G24Q = 4-pin G24q