



Project:	Type:
Prepared By:	Date:

### Technical Specifications

#### Performance

**Product Type:**

Compacts

**Description:**

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

**Wattage Equivalency:**

26W CFL

**Input Wattage:**

9.5W

**Lumens (Nominal):**

1,250lm

**Efficacy:**

132lm/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](http://rablighting.com) for the ballast and dimmer compatibility lists.

**Input Voltage:**

120-277V

**Operating Frequency:**

50/60Hz

**Input Current @ 120V (mA):**

80mA

**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:**

3500K

**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

**Construction**

**Base Type:**

G24q

**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](http://rablighting.com/warranty).

**Note:**

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

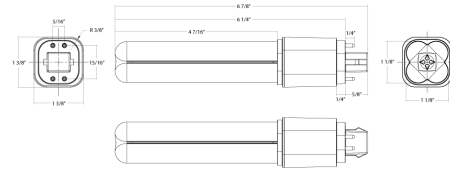
**Buy American Act Compliance:**

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	12	7.3	6.2	5
PALLET	163	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	9.5	O	835	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