PLC-7-O-835-HYB

RAB

Project:	Type:	Prepared By:	Date:

UPC: 019813915562

Features and Benefits

Omni directional light distribution

Suitable for horizontal or vertical installations

Replaces 26W/32W G24d & G24q

Plug and Play on existing Magnetic CFL ballasts or can be wired directly to line voltage without need for an external driver or ballast

Compatible with G24d / GX24d & G24q / GX24q installations

50,000 hour Lifespan

Environmentally friendly, no mercury used

UL Listed, UL Classified

Rated for use in enclosed and open fixtures in dry or damp locations

Non-Dimmable

5 Year No Compromise Warranty

Technical Specifications

Performance

Product Type:

Compact

Input Wattage:

7W

Lumens (Nominal):

880lm

Efficacy:

126 lm/W

L70 Lifespan:

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

Wattage Equivalency:

13W/18W G24d & G24q

LED Characteristics

Color Accuracy (CRI):

80

Color Temperature:

3500K

Electrical

THD:

20%

Power Factor:

>0.9

Dimmable:

Non-Dim

Input Voltage:

120-277 Type B (Type A dependent on ballast)

Operating Frequency:

50/60Hz

Operating Temperature:

-20°C - 45°C (-4°F - 113°F)

Construction

Bulb Shape:

PLC-O

Enclosure Material:

Polycarbonate

Housing Finish:

White

Need help? Tech help line: **(888) 722-1000** Email: **sales@rablighting.com** Website: **www.rablighting.com**

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Technical Specifications (continued)

Construction

Lens Finish:

Frosted

Base Type:

2-Pin G24d

Optical

Beam Angle:

360°

Installation

Installation Method:

UL Type A with Magnetic Ballasts & UL Type B (Dual Mode)

Burning Position:

Universal

Other

Technology EQ:

CFL

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.

Compliance

Safety Listing:

UL Listed, UL Classified

Environment/Fixture Rating:

Damp / Enclosed

RoHS:

Mercury and UV free. RoHS-compliant components.

FCC:

Complies with Part 15 of the FCC Rules
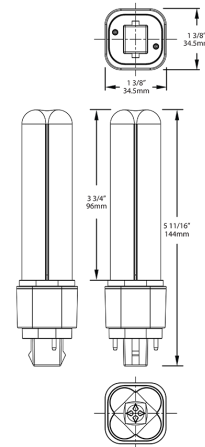
Model Number:

T10188(PLC-7-O-835-HYB)

Minimum Compartment Size

Length x Width x Height [in]	Lamp Quantity
6.1 x 6.2 x 4.8	1

Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	12	0	0	0
PALLET	808	0	0	0

Dimension

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Light Distribution


```
                    -/+180
        -150                 150
    -120                         120

  -90                               90

        -60                   60
                                UNIT:cd
              120       120      ——— C0/180,341.8
         -30        30          ——— C30/210,341.9
              150  150          ——— C60/240,341.4
                 0              ——— C90/270,342.1
```