PLC-7-O-830-DIR

RAB

Project:	Type:	Prepared By:	Date:

Features and Benefits

Omni directional light distribution

Suitable for horizontal or vertical installations

Replaces 13W and 18W G24q CFL Lamps

Ballast Compatible. Directly Compatible with Most Existing CFL Ballasts.

Compatible with G24q / GX24q (4-pin CFL) installations

50,000 hour Lifespan

Environmentally friendly, no mercury used

UL Classified

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

Dimmable

5 Year No Compromise Warranty

UPC: 019813915531

Technical Specifications

Performance

Product Type:
Compacts

Input Wattage:
7W

Lumens (Nominal):
830lm

Efficacy:
119lm/W

L70 Lifespan:
50,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Wattage Equivalency:
13W/18W G24q

LED Characteristics

Color Accuracy (CRI):
80

Color Temperature:
3000K

Electrical

THD:
20%

Power Factor:
>0.9

Dimmable:
Yes

Input Voltage:
120-277V AC

Operating Frequency:
50/60Hz

Operating Temperature:
-20°C to 45°C (-4°F to 113°F)

Construction

Bulb Shape:
PLC-O

Enclosure Material:
Polycarbonate

Housing Finish:
White

Lens Finish:
Frosted

Base Type:
4-Pin G24q

Optical

Beam Angle:
360°

Installation

Installation Method:
UL Type A, Plug and Play

Burning Position:
Universal

Other

Technology EQ:
CFL

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

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Technical Specifications (continued)

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

Listings:
UL Classified, UL Recognized

Environment/Fixture Rating:
Damp / Enclosed

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

FCC:
Complies with Part 15B of the FCC Rules

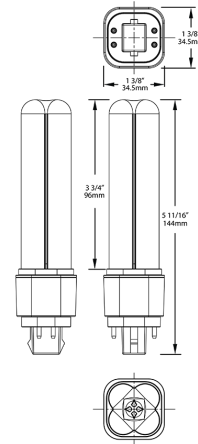**Model Number for Certification:**
T10185(PLC-7-O-830-DIR)

Minimum Compartment Size

Length x Width x Height [in]	Lamp Quantity
6	1

Case and Pallet Dimensions

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

Dimension

RAB®

Light Distribution


```
                    -/+180
          -150                150
      -120                        120
   -90                              90
   -60                              60
      -30        0        30
                                UNIT:cd
                        C0/180,341.8
                        C30/210,341.9
                        C60/240,341.4
                        C90/270,342.1
```