PL Ballast Hybrid - Omnidirectional

RAB®

7W PLC   9W PLC

Compact 2Pin, PL Ballast Hybrid, Omnidirectional Light, UL Type A+B Lamps

UL LISTED · UL CLASSIFIED · 50,000 HOURS · ENCLOSED FIXTURE RATED · DAMP RATED · FCC LISTED · RoHS

KEY FEATURES

- **Omnidirectional** light distribution
- Suitable for **horizontal or vertical** installation
- **Replaces 13W and 18W G24d & G24q CFL lamps**
- **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 **G24q / GX24q (4-pin CFL)** installations
- **50,000**-hour lifespan based on IES LM-80 and TM-21 calculations
- **Environment 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**

PERFORMANCE

Catalog Number	Equivalency	Input Wattage	Lumen	Efficacy	Color Temperature	CRI	L70 Lifespan
PLC-7-O-835-HYB	13W/18W G24d & G24q	7W	880	126	3500K	80	50,000
PLC-7-O-840-HYB	13W/18W G24d & G24q	7W	900	129	4000K	80	50,000
PLC-9-O-827-HYB	26W/32W G24d & G24q	9W	1150	128	2700K	80	50,000
PLC-9-O-830-HYB	26W/32W G24d & G24q	9W	1200	133	3000K	80	50,000
PLC-9-O-835-HYB	26W/32W G24d & G24q	9W	1250	139	3500K	80	50,000
PLC-9-O-840-HYB	26W/32W G24d & G24q	9W	1250	139	4000K	80	50,000

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TECHNICAL SPECIFICATIONS

CONSTRUCTION

Product Type
Compact

Bulb Shape
PLC-O

Enclosure Material
Polycarbonate

Endcap Finish
White

Lens Finish
Frosted

Base Type
2-Pin G24d

Beam Angle
360°

COMPLIANCE

Safety Listing
UL Listed, UL Classified

Environment/Fixture Rating
Damp / Enclosed

FCC
Complies with Part 15 of the FCC Rules.

RoHS
Mercury and UV free. RoHS-compliant components.

INSTALLATION METHOD

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

ELECTRICAL

THD
≤20%

Power Factor
>0.9

Input Voltage
120-277V

Operating Frequency
50/60Hz

Operating Temperature
-20°C to 45°C

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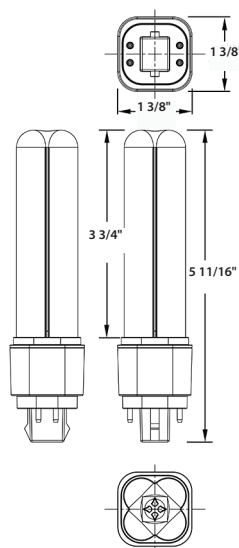All values are typical (tolerance +/- 10%)

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.

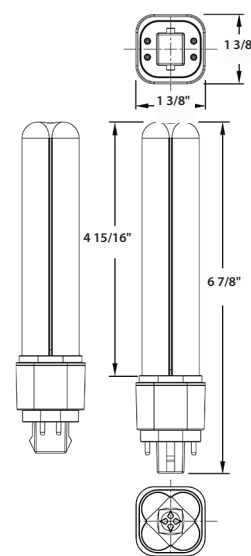RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

DIMENSIONS

PLC: 7W (Hybrid)
Weight: 0.2 lbs

1 3/8"
1 3/8"
3 3/4"
5 11/16"

PLC: 9W (Hybrid)
Weight: 0.2 lbs

1 3/8"
1 3/8"
4 15/16"
6 7/8"

RAB

ORDERING INFO

Catalog Number	Model Number (DLC/Energy Star)	UPC	Case Pack
PLC-7-O-835-HYB	T10188 (PLC-7-O-835-HYB)	019813915562	12
PLC-7-O-840-HYB	T10189 (PLC-7-O-840-HYB)	019813915579	12
PLC-9-O-827-HYB	T10194 (PLC-9-O-827-HYB)	019813916286	12
PLC-9-O-830-HYB	T10195 (PLC-9-O-830-HYB)	019813916293	12
PLC-9-O-835-HYB	T10196 (PLC-9-O-835-HYB)	019813916309	12
PLC-9-O-840-HYB	T10197 (PLC-9-O-840-HYB)	019813916439	12

ORDERING MATRIX

Family		Wattage		Mounting Orientation		CRI/Color Temp		Installation Type
PLC	-		-	O	-		-	HYB
PLC — Plug-in Cluster		7 — 7W 9 — 9W		O — Omnidirectional		840 — 80 CRI, 4000K 835 — 80 CRI, 3500K 830* — 80 CRI, 3000K 827* — 80 CRI 2700K *Only for 9W			HYB — Dual Mode UL Type A or UL Type B