

LED Lamps

ProLED® T8 Linear Hybrid

- Maximum convenience for installation. Type A (Direct) and Type B (Ballast Bypass) capable
- Reduce stocking needs
- UL Listed & UL classified
- 116+ LPW efficacy
- IS, PS, EM ballast compatible
- 120-277V ballast bypass (single or double end)

Specifications



Product Description

The ProLED Linear T8 Hybrid (Type A + B) Lamp Series offers the most versatile installation solution for your linear fluorescent T8 or T12 retrofit needs. Fully certified as a UL 1598C Retrofit Kit in single end or double end ballast bypass scenarios (UL Type B) and UL Listed for use with electronic T8 fluorescent ballasts (UL Type A), The Hybrid Series provides the perfect, hassle free solution for whatever the project requires. When being used with an instant start, programmed start, or emergency backup ballast, no fixture re-wiring is needed. If the ballast fails in the future, simply re-wire the fixture with 120-277V line voltage using either single end or double end wiring.

Construction

- High quality frosted pet coated glass construction
- Plastic endcaps
- 320 Degree beam angle
- No mercury or UV emissions
- Instant startup
- Suitable for dry or damp locations
- Current leakage protection (UL 1993)

Performance

- Operates on electronic fluorescent T8 instant start, programmed start, or emergency ballasts
- Operates on 120-277v
- 12W, 1,800 lumens
- 150 lpw
- L70 >50,000 hrs
- 83 CRI

Installation

- Can Be installed as Either a Type B or Type A lamp
- As Type A, operates on electronic fluorescent T8 instant start, programmed start, or emergency ballasts
- As Type B, replaces T8 or T12 fluorescent lamps when fixture is re-wired (single end or double end wiring)

Certifications

- UL listed (for UL Type A installation)
- UL classified 1598C retrofit kit (for UL Type B installation)
- FCC compliant
- NSF Rated
- DLC 5.1
- Suitable for dry or damp locations

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Ordering Logic

Product Description

Length/Shape	Wattage	CRI & Color Temperature (CCT)	Type & Wiring	Dimmable	Lamp Type/ Generation
48T8 = 48" T8	12 = 12 Watts	8 = >82 CRI 35 = >4000K 40 = 4000K 50 = 5000K	HYB = Hybrid Direct (A) & Bypass (B) - Single/Double Ended Connection	D = 0-10V Dimming	LED2

- Notes:
- Must be purchased in packs of 25
 - Dimming is dependent on the ballast in Type A applications, and a separate (not included) dimming module in Type B applications.

Stock Guide

Product #	Product Code	Description	Color Temp.	Pkg. Qty.	MOL	DLC® Qualified
87000	48T8-12-835-HYB-D-LED2	48 inch LED T8 12W 3500K Hybrid Type A/B DuoConnect 4 ProLED Dimming	3500K	1/25	48"	Yes
87001	48T8-12-840-HYB-D-LED2	48 inch LED T8 12W 4000K Hybrid Type A/B DuoConnect 4 ProLED Dimming	4000K	1/25	48"	Yes
87002	48T8-12-850-HYB-D-LED2	48 inch LED T8 12W 5000K Hybrid Type A/B DuoConnect 4 ProLED Dimming	5000K	1/25	48"	Yes

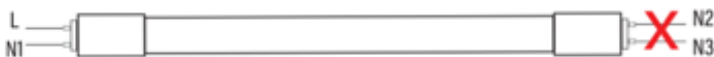
Performance Table

Product #	Product Code	Type/Wiring	Watt	Lumens	LPW	Color Temp	CRI	Useful Life	Beam Angle	Voltage	THD	Base	Equiv. Wattage
87000	48T8-12-835-HYB-D-LED2	Hybrid (Type A+B) Double & Singled Ended	12W	1800	150	3500K	83	50,000	320°	120-277	<20%	G13	32
87001	48T8-12-840-HYB-D-LED2	Hybrid (Type A+B) Double & Singled Ended	12W	1800	150	4000K	83	50,000	320°	120-277	<20%	G13	32
87002	48T8-12-850-HYB-D-LED2	Hybrid (Type A+B) Double & Singled Ended	12W	1800	150	5000K	83	50,000	320°	120-277	<20%	G13	32

Wiring (For Direct Wire)

* For more detail visit installation instructions

Single End Direct Wire



Double End Direct Wire

