

LED Lamps

ProLED® T8 Selectable Linear Hybrid

- Maximum convenience for installation
- Reduce stocking needs
- UL Listed & UL classified
- 116+ LPW efficacy
- IS, PS, EM ballast compatible
- 120-277V ballast bypass (single or double end)
- CCT Selectable: 3500K/4000K/5000K
- 2FT, 3FT, and 4FT lengths available

Specifications

Product Description

The ProLED Linear CCT Selectable 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.

The CCT Selectable Hybrid T8 comes in 2-foot, 3-foot, and 4-foot lengths, and offers users the ability to select between 3500K, 4000K, and 5000K kelvin temperatures by simply sliding the selector on the tube to the desired color.

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)

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)



Performance

- Operates on electronic fluorescent T8 instant start, programmed start, or emergency ballasts
- Operates on 120-277v
- 12.5W, 1,600 lumens
- 3500K/4000K/5000K
- 116+ LPW
- L70 >50,000 Hrs
- 83 CRI

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



ProLED® T8 Linear Selectable Hybrid

Ordering Logic

Product Description

Length/Shape	Wattage	CRI & Color Temperature (CCT)	Type & Wiring	Dimmable	Lamp Type/ Generation
48T8 = 48" T8 36T8 = 36" T8 24T8 = 24" T8	8 = 8 Watts 12 = 12.5 / 12 Watts	8 => >82 CRI CS = CCT Selectable 35000K/4000K/5000K	HYB = Hybrid Direct (A) & Bypass (B) - Single/Double Ended Connection	D = 0-10V Dimming	LED

- Notes:
1. Must be purchased in packs of 25
 2. 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
87100	24T8-8-8CS-HYB-D-LED	24 inch LED T8 8W 35K-40K-50K CCT Selectable Hybrid Type A/B DuoConnect 4 ProLED Dimming	3500K/4000K/5000K	25*	24"	Yes
87101	36T8-12-8CS-HYB-D-LED	36 inch LED T8 12W 35K-40K-50K CCT Selectable Hybrid Type A/B DuoConnect 4 ProLED Dimming	3500K/4000K/5000K	25*	36"	Yes
87102	48T8-12-8CS-HYB-D-LED	48 inch LED T8 12.5W 35K-40K-50K CCT Selectable Hybrid Type A/B DuoConnect 4 ProLED Dimming	3500K/4000K/5000K	25*	48"	Yes

* Purchased in multiples of 25 (tubes are individual sleeved)

Performance Table

Product #	Product Code	Type/Wiring	Watt	Lumens	LPW	Color Temp	CRI	Useful Life	Beam Angle	Voltage	THD	Base	Equiv. Wattage
87100	24T8-8-8CS-HYB-D-LED	Hybrid (Type A+B) Double & Single Ended	8W	860	122	3500K/4000K/5000K	83	50,000	320°	120-277	<20%	G13	17W
87101	36T8-12-8CS-HYB-D-LED	Hybrid (Type A+B) Double Single Ended	12W	1500	125	3500K/4000K/5000K	83	50,000	320°	120-277	<20%	G13	25W
87102	48T8-12-8CS-HYB-D-LED	Hybrid (Type A+B) Double & Single Ended	12.5W	1600	128	3500K/4000K/5000K	83	50,000	320°	120-277	<20%	G13	32W

Wiring (For Direct Wire)

* For more detail visit installation instructions

Single End Direct Wire



Double End Direct Wire

