

# T8 8.5W 2FT. DEB TITANIUM LED SERIES



PRO



- ⌚ Double-ended BYPass installation – wired at both ends
- ⌚ Utilizes existing lamp holders – non-shunted or shunted
- ⌚ Wide beam design: 310° light emitting area
- ⌚ Suitable for use in totally enclosed fixtures
- ⌚ Frosted glass tube for increased light diffusion efficiency
- ⌚ Meets NSF/ANSI Standard 2 requirements

8.5W REPLACES



**17W  
Fluo.**

60% Energy Savings

**\$91 Savings**  
per fixture\*



50,000 H



UNIVERSAL



EFFICACY



WARRANTY



CRI (Ra)



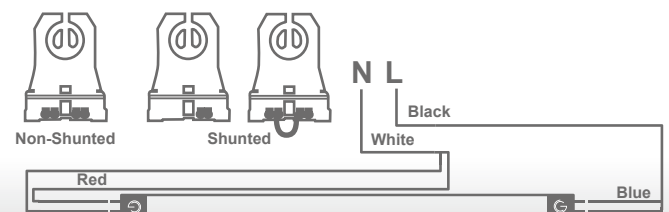
ENCLOSED\*\*



## TUBE FEATURES

### Double-ended BYPass Installation

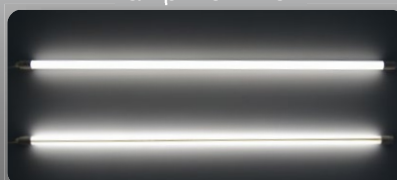
The T8 DEB lamp installs quickly and safely without the need to rewire to a single end or replace lampholders. After bypassing the ballast the lamp utilizes the existing non-shunted or shunted lampholders and line and neutral are connected to each end. The lamp adheres to UL requirements to be wired in this configuration.



### Extra Wide Beam Design - Frosted Glass Body



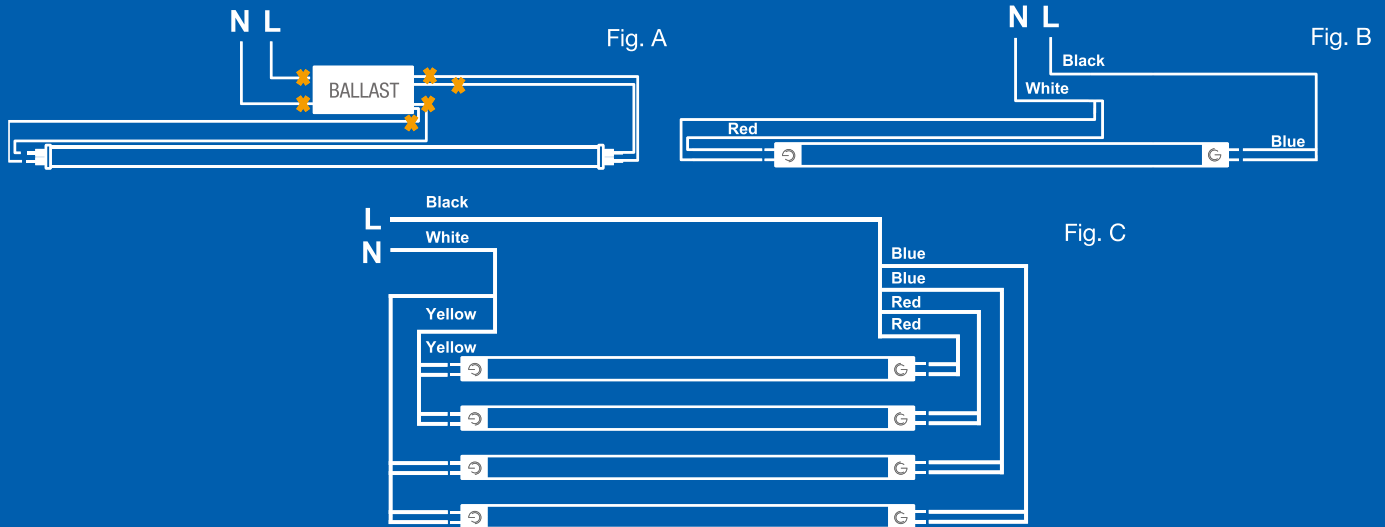
Lamp Front View



Lamp Back View

This lamp uses an innovative coated glass design that diffuses heat and light more evenly than plastic. As a result of its compact light engine, this lamp produces a light emitting area of 310°. This wider beam angle improves a fixture's total light distribution and creates a more complete lighting effect.

## BYPASS INSTALLATION



- ⌚ Bypass ballast by cutting all wires as in Fig. A
- ⌚ For single tube, follow wiring instructions in Fig. B. For multiple tubes follow wiring instructions in Fig. C
- ⌚ Lampholders do not need to be replaced. Continue using existing non-shunted or shunted lampholders
- ⌚ Existing fixture maintains original UL compliance as per UL 1598C tube

## SPECIFICATIONS

Product Model	97934 8.5T8/2F/830/DEB	97935 8.5T8/2F/835/DEB	97936 8.5T8/2F/840/DEB
Type	T8	T8	T8
Base	Medium Bi-Pin G13	Medium Bi-Pin G13	Medium Bi-Pin G13
Power (W)	8.5	8.5	8.5
Voltage - Frequency	120-277V 50-60Hz	120-277V 50-60Hz	120-277V 50-60Hz
Color Temp. (ANSI)	Warm White 3000K	Neutral White 3500K	Cool White 4000K
CRI (Ra)	82	82	82
Typical lumens (lm)	1050	1050	1100
Efficacy (LPW)	124	124	129
Light Emitting Area	310°	310°	310°
Beam Angle	160°	160°	160°
Dimmable	No	No	No
Power Factor	0.9	0.9	0.9
THD	<20%	<20%	<20%
Rated Lifetime - L70 (hrs.)	50,000	50,000	50,000
Dia. x MOL	1.01"x23.78" (25.7x604mm)	1.01"x23.78" (25.7x604mm)	1.01"x23.78" (25.7x604mm)
Weight (lb. / g)	0.46lb./210g	0.46lb./210g	0.46lb./210g

\* Savings per fixture based on \$0.11 / kw energy cost, 12 hrs / day lamp usage, 2x36W fixture / \$10 fluorescent tube, \$45 ballast with 15,000 hr lifetime, \$35 LED tube with 50,000 hr lifetime

\*\* Suitable for use in totally enclosed fixtures

\*\*\* Suitable for damp locations. Not for use where directly exposed to the weather or water