

T8 14.5W 4FT. 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

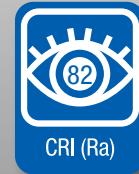
14.5W REPLACES



**32W
Fluo.**

60% Energy Savings

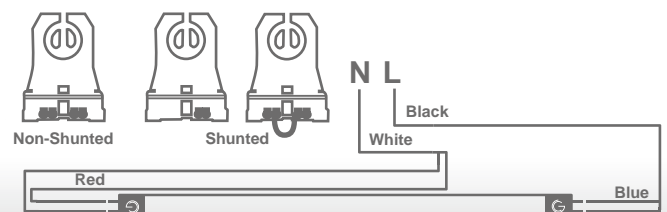
\$128 Savings per fixture*



TUBE FEATURES

Double-ended BYPass Installation

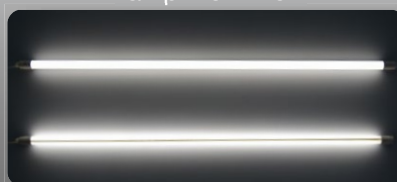
The T8 DEB lamp installs quickly and safely without the need to rewire to a single end or replace lampholders. After bypassing the ballast the lamp utilizes the existing non-shunted or shunted lampholders and line and neutral are connected to each end. The lamp adheres to UL requirements to be wired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



Extra Wide Beam Design - Frosted Glass Body



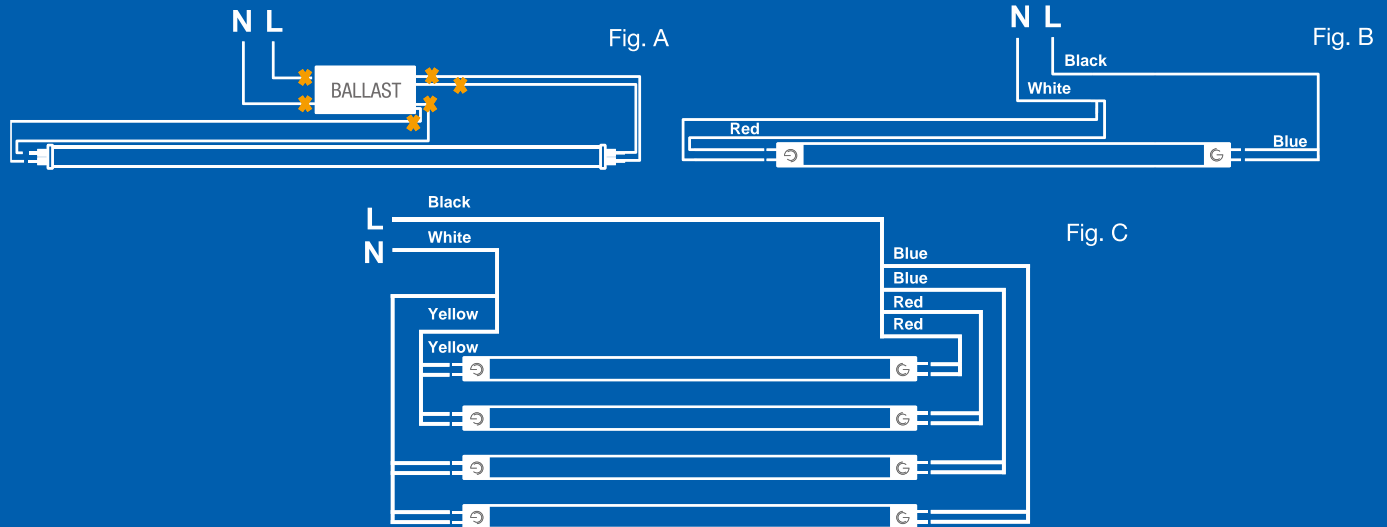
Lamp Front View



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	58270 14.5T8/4F/840/DEB	58271 14.5T8/4F/850/DEB
Type	T8	T8
Base	Medium Bi-Pin G13	Medium Bi-Pin G13
Power (W)	14.5	14.5
Voltage - Frequency	120-277V 50-60Hz	120-277V 50-60Hz
Color Temp. (ANSI)	Natural White 4000K	Daylight 5000K
CRI (Ra)	82	82
Typical lumens (lm)	2100	2100
Efficacy (LPW)	145	145
Light Emitting Area	310°	310°
Beam Angle	160°	160°
Dimmable	No	No
Power Factor	0.9	0.9
THD	<20%	<20%
Rated Lifetime - L70 (hrs.)	50,000	50,000
Dia. x MOL	1.14"x47.76" (29x1213mm)	1.14"x47.76" (29x1213mm)
Weight (lb. / g)	0.57lb. / 259g	0.57lb. / 259g

* 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

*** Specification data is preliminary and may be subject to change

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