

T8 16W 4FT. BYP TITANIUM LED SERIES



PRO



BYPass

- Wide beam design: 310° light emitting area
- Suitable for use in totally enclosed fixtures
- End-to-end lighting with no dark spots
- Frosted glass tube for increased light diffusion efficiency
- Meets NSF/ANSI Standard 2 requirements
- Built-in universal voltage driver - Bypass installation



16W REPLACES



32W
Fluo.

60% Energy Savings

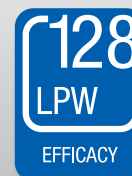
\$121 Savings
per fixture*



50,000 H



UNIVERSAL



EFFICACY



WARRANTY



CRI (Ra)



ENCLOSED**

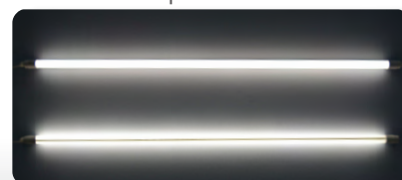
TUBE FEATURES

Extra Wide Beam Design - Frosted Glass Body

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.



Lamp Front View



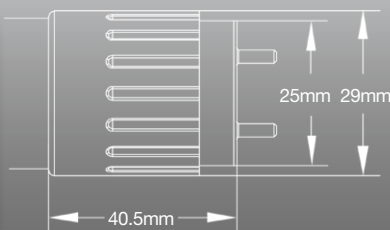
Lamp Back View

End-to-End Lighting - Micro-Designed Driver

GREEN CREATIVE



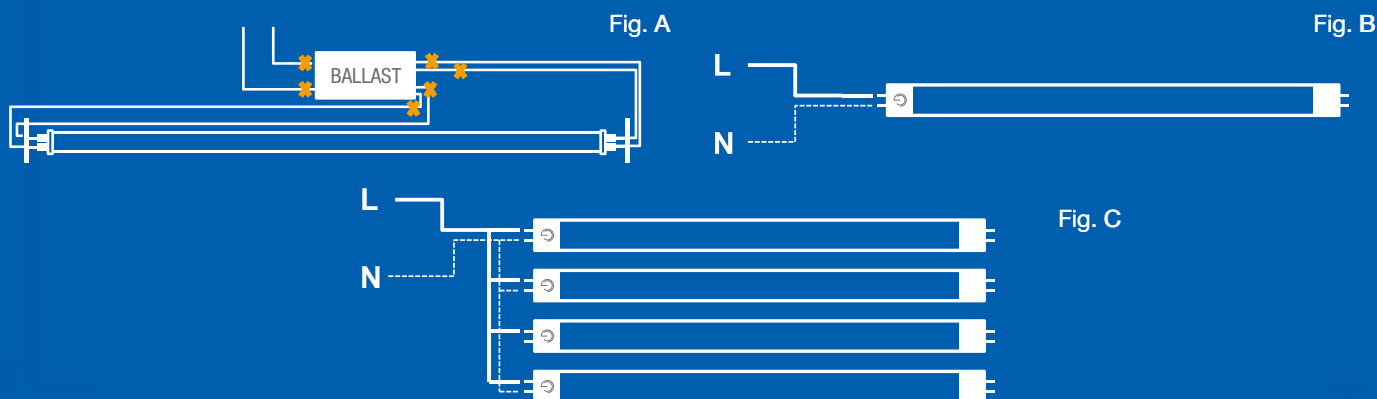
Other LED Tubes



The lamp's micro-designed driver is located within the tube end cap which allows for better thermal performance and no dark spots. The result is powerful and seamless light from end to end.

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BYPASS INSTALLATION



- ⌚ Bypass ballast by cutting all wires as in Fig. A
- ⌚ Directly wire Live + Neutral on a single end as in Fig. B for single tube or as in Fig. C for multiple tubes
- ⌚ Replace shunted lamp holder with non-shunted one if applicable (Instant Start)
- ⌚ Existing fixture maintains original UL compliance thanks to UL1598C tube

SPECIFICATIONS

Product Model	28411 16T8/4F/840/BYP	28412 16T8/4F/850/BYP
Type	T8	T8
Base	Medium Bi-Pin G13	Medium Bi-Pin G13
Power (W)	16	16
Voltage - Frequency	120-277V 50-60Hz	120-277V 50-60Hz
Color Temp. (ANSI)	Cool White 4000K	Daylight 5000K
CRI (Ra)	82	82
Typical lumens (lm)	2050	2050
Efficacy (LPW)	128	128
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

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

**** Full installation guide and more details available on website