

# T8 16W 4FT. BYP TITANIUM LED SERIES



PRO



BYPass

16W REPLACES



**32W  
Fluo.**

60% Energy Savings

- ⌚ **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 requirements**
- ⌚ **Built-in universal voltage driver - Bypass installation**



50,000 H



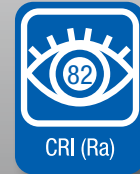
UNIVERSAL



EFFICACY



WARRANTY



CRI (Ra)



ENCLOSED\*



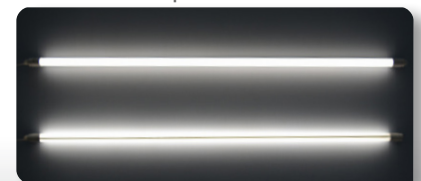
## TUBE FEATURES

### 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



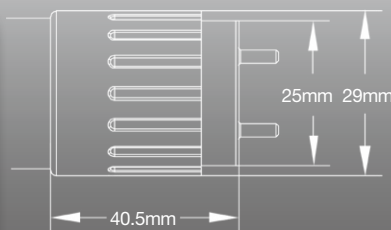
Lamp Back View

### End-to-End Lighting - Micro-Designed Driver

GREEN CREATIVE

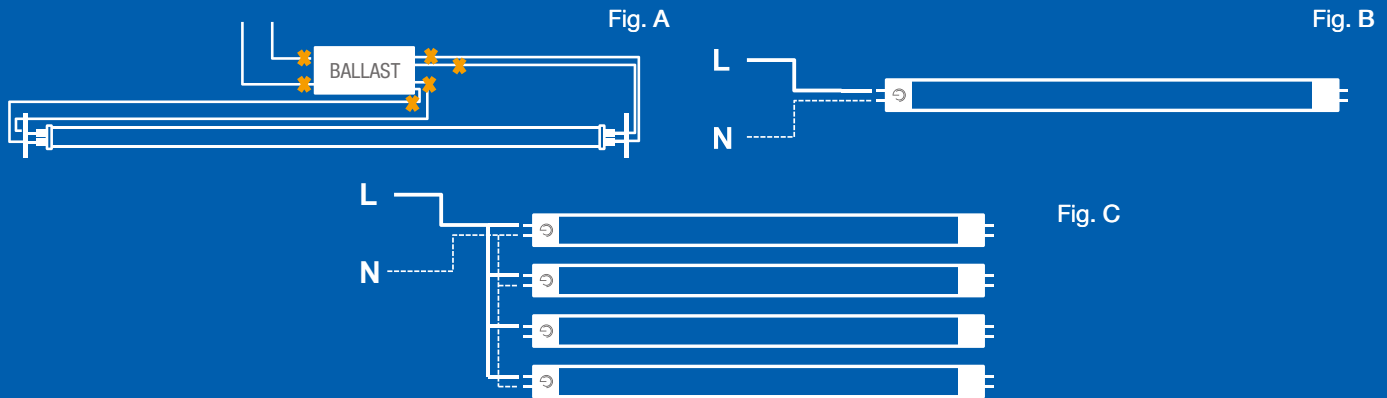


Other LED Tubes



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.

## 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/R	28412 16T8/4F/850/BYP/R
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

\* 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