

# T8 9W 2FT. BYP

TITANIUM LED SERIES 4.0



PRO



9W REPLACES

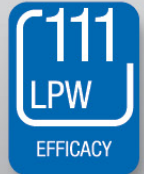
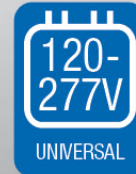


**17W  
Fluo.**

50% Energy Savings

**\$88** Savings per fixture\*

- Wide beam design: 325° 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
- Exceptional efficacy 111 LPW
- Built-in universal voltage driver - Bypass installation



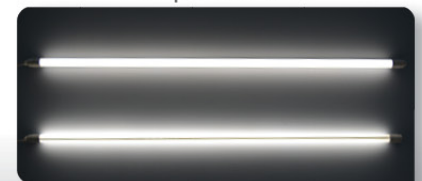
## TUBE FEATURES

### 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 325°. This wider beam angle improves a fixture's total light distribution and creates a more complete lighting effect.



Lamp Front View



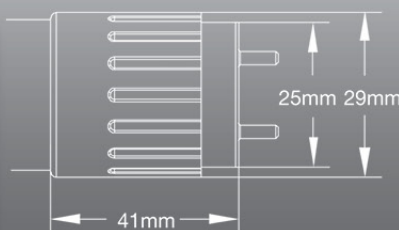
Lamp Back View

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

GREEN CREATIVE

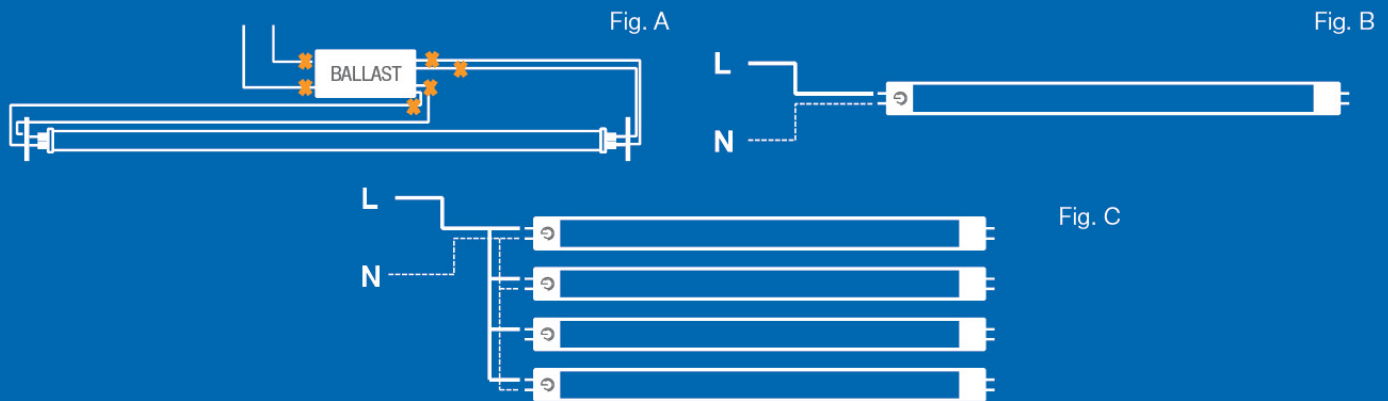





Other LED Tubes



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	40788 9T8G4/2F/840/BYP	40789 9T8G4/2F/850/BYP
Type	T8	T8
Base	Medium Bi-Pin G13	Medium Bi-Pin G13
Power (W)	9	9
Voltage - Frequency	120-277V 50-60Hz	120-277V 50-60Hz
Color Temp. (ANSI)	Natural White 4000K	Daylight 5000K
CRI (Ra)	80	80
Typical lumens (lm)	1000	1000
Efficacy (LPW)	111	111
Light Emitting Area	325°	325°
Beam Angle	180°	180°
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"x23.74"(29x603mm)	1.14"x23.74"(29x603mm)
Weight (lb. / g)	0.36lb. / 165g	0.36lb. / 165g

\* Savings per fixture based on \$0.11 / kw energy cost, 12 hrs / day lamp usage, 2x21W fixture / \$5 fluorescent tube, \$45 ballast with 15,000 hr lifetime, \$25 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

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