

# T8 ULTRA 18W 4FT. TITANIUM LED SERIES 3.0

**DESIGNLIGHTS**  
CONSORTIUM



**PRO**

- Wide beam design: 240° light emitting area
- Exceptional efficacy >110 LPW (full system - frosted)
- Uniform glow with low glare, pleasant look
- Built-in universal voltage driver - Simple installation
- DLC 2.0 standard listed (cat. 32)
- Available in 5000K / 4000K / 3500K / 3000K CCT

18W REPLACES



**32W**  
**Fluo.**

50% Energy Savings

**\$92** Savings  
per fixture\*



CLASSIFIED US US lighting facts

## TUBE FEATURES

### Unique Wide Beam Design – Traditional Look



Integrated heat sink and light engine within the diffusing tube optimizes light distribution by producing a wide light emitting area of 240°



Optimum LED density and unique design combined with high quality diffusing material results in an even glow without glare or shadowing

### Built-in Driver – Universal Voltage 120-277V



Driver is positioned in a side enclosure for better thermal performance, eliminating the potential for light decay

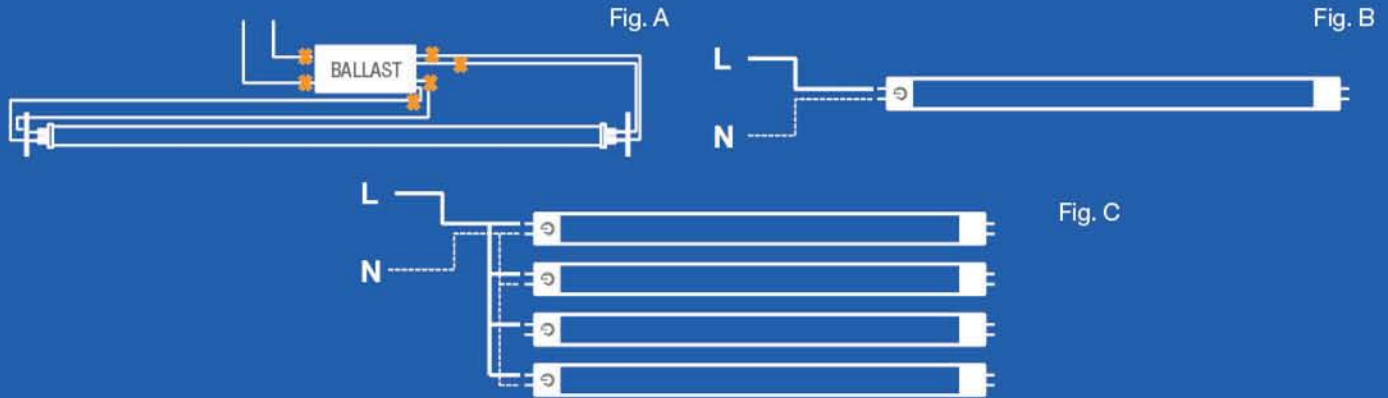


Eliminates ballast compatibility problems, lifetime issues, power loss and maintenance costs by running directly off line voltage



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## EASY 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	101003 18T8/4F/850DLC	101006 18T8/4F/840DLC	101009 18T8/4F/835DLC	101012 18T8/4F/830DLC
Type	T8	T8	T8	T8
Base	Medium BI-Pin G13	Medium BI-Pin G13	Medium BI-Pin G13	Medium BI-Pin G13
Power (W)	18	18	18	18
Voltage - Frequency	120-277V 50-60Hz	120-277V 50-60Hz	120-277V 50-60Hz	120-277V 50-60Hz
Color Temp. (ANSI)	Daylight 5000K	Natural White 4000K	Neutral White 3500K	Warm White 3000K
CRI (Ra)	80	80	80	80
Typical lumens (lm)	2000	2000	1900	1900
Efficacy (LPW)	111	111	106	106
Dimmable	No	No	No	No
Power Factor	0.9	0.9	0.9	0.9
THD	< 20%	< 20%	< 20%	< 20%
Rated Lifetime - L70 (hrs.)	50,000	50,000	50,000	50,000
Dia. x MOL	1.10"x47.76"(28x1213mm)	1.10"x47.76"(28x1213mm)	1.10"x47.76"(28x1213mm)	1.10"x47.76"(28x1213mm)
Weight (lb. / g)	0.67lb. / 305g	0.67lb. / 305g	0.67lb. / 305g	0.67lb. / 305g

\* 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, \$45 LED tube with 50,000 hr lifetime

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

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