

# T8 8W 2FT. DIR TITANIUM LED SERIES



PRO



DIRect

8W REPLACES



17W  
Fluo.

60% Energy Savings

- ⌚ Compatible with Instant Start & Programmed Start ballasts
- ⌚ Easy to install - Plug & Play Direct
- ⌚ Exceptional efficacy 163 LPW
- ⌚ Suitable for use in totally enclosed fixtures
- ⌚ Meets NSF requirements
- ⌚ Dimmable



50,000 H



ELECTRONIC  
BALLAST  
COMPATIBLE



PLUG  
&  
PLAY  
DIRect



5  
YR  
WARRANTY



CRI (Ra)  
82



ENCLOSED\*



LM 79

LM 80

TM 21

IES



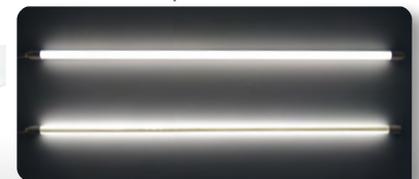
## TUBE FEATURES

### Extra Wide Beam Design - Frosted Glass Body

This lamp uses an innovative glass design that diffuses heat and light more evenly. 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



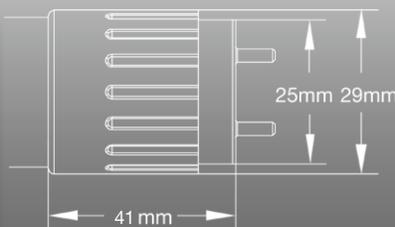
Lamp Back View

### 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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## SPECIFICATIONS

Product Model	97841 8T8/2F/830/DIR	97842 8T8/2F/835/DIR	97843 8T8/2F/840/DIR
<b>Type</b>	T8	T8	T8
<b>Base</b>	Medium Bi-Pin G13	Medium Bi-Pin G13	Medium Bi-Pin G13
<b>Power (W)</b>	8	8	8
<b>Voltage - Frequency</b>	120-277V 50-60Hz	120-277V 50-60Hz	120-277V 50-60Hz
<b>Color Temp. (ANSI)</b>	Warm White 3000K	Neutral White 3500K	Cool White 4000K
<b>CRI (Ra)</b>	82	82	82
<b>Typical lumens (lm)</b>	1300	1300	1300
<b>Efficacy (LPW)</b>	163	163	163
<b>Light Emitting Area</b>	310°	310°	310°
<b>Beam Angle</b>	180°	180°	180°
<b>Dimmable</b>	Yes	Yes	Yes
<b>Power Factor</b>	0.9	0.9	0.9
<b>THD</b>	<20%	<20%	<20%
<b>Rated Lifetime - L70 (hrs.)</b>	50,000	50,000	50,000
<b>Dia. x MOL</b>	1.14" x23.74" (29x603mm)	1.14" x23.74" (29x603mm)	1.14" x23.74" (29x603mm)
<b>Weight (lb. / g)</b>	0.36lb. / 165g	0.36lb. / 165g	0.36lb. / 165g

## BALLAST PERFORMANCE

Ballast Factor	Bare Lamp (W)	System (W)	3000K Lumens	3500K Lumens	4000K Lumens
<b>Low BF .77</b>	<b>8</b>	<b>10</b>	<b>1100</b>	<b>1100</b>	<b>1100</b>
<b>Normal BF .88</b>	<b>8</b>	<b>10.5</b>	<b>1300</b>	<b>1300</b>	<b>1300</b>
<b>High BF 1.15</b>	<b>8</b>	<b>16</b>	<b>1750</b>	<b>1750</b>	<b>1750</b>

Testing Method: Above system power is half the total system power of a 2-tube installation using an Instant Start ballast. Power and lumen output will vary based on ballast and fixture type. Above data is indicative only.

\* Suitable for use in totally enclosed fixtures

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