

# 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/ANSI Standard 2 requirements



50,000 H



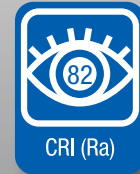
ELECTRONIC  
BALLAST  
COMPATIBLE



PLUG  
&  
PLAY  
DIRect



5  
YR  
WARRANTY



82  
CRI (Ra)



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



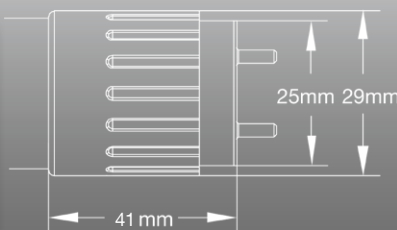
Lamp Back View

### 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
Type	T8	T8	T8
Base	Medium Bi-Pin G13	Medium Bi-Pin G13	Medium Bi-Pin G13
Power (W)	8	8	8
Voltage - Frequency	120-277V 50-60Hz	120-277V 50-60Hz	120-277V 50-60Hz
Color Temp. (ANSI)	Warm White 3000K	Neutral White 3500K	Cool White 4000K
CRI (Ra)	82	82	82
Typical lumens (lm)	1300	1300	1300
Efficacy (LPW)	163	163	163
Light Emitting Area	310°	310°	310°
Beam Angle	180°	180°	180°
Dimmable	No	No	No
Power Factor	0.9	0.9	0.9
THD	<20%	<20%	<20%
Rated Lifetime - L70 (hrs.)	50,000	50,000	50,000
Dia. x MOL	1.14" x23.74" (29x603mm)	1.14" x23.74" (29x603mm)	1.14" x23.74" (29x603mm)
Weight (lb. / g)	0.36lb. / 165g	0.36lb. / 165g	0.36lb. / 165g

## BALLAST PERFORMANCE

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

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