

# T8 10.5W 4FT. DIR TITANIUM LED SERIES



PRO



DIRect

10.5W REPLACES



32W  
Fluo.

60% Energy Savings

- Compatible with Instant Start & Programmed Start ballasts
- Easy to install - Plug & Play Direct
- Exceptional efficacy 162 LPW
- Suitable for use in totally enclosed fixtures
- Meets NSF/ANSI standard 2 requirements
- Dimmable



50,000 H



BALLAST  
COMPATIBLE



PLUG  
&  
PLAY  
DIRect



5  
YR  
WARRANTY



82  
CRI (Ra)



ENCLOSED\*



LM 79

LM 80

TM 21

IES



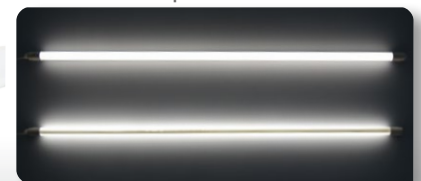
## TUBE FEATURES

### 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



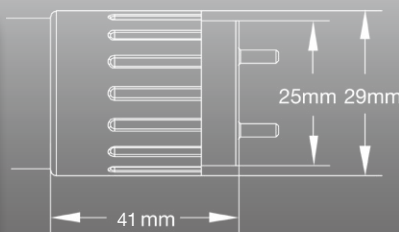
Lamp Back View

### 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	28397 10.5T8/4F/830/DIR	28398 10.5T8/4F/835/DIR	28399 10.5T8/4F/840/DIR	28400 10.5T8/4F/850/DIR
Type	T8	T8	T8	T8
Base	Medium Bi-Pin G13	Medium Bi-Pin G13	Medium Bi-Pin G13	Medium Bi-Pin G13
Power (W)	10.5	10.5	10.5	10.5
Voltage - Frequency	120-277V 50-60Hz	120-277V 50-60Hz	120-277V 50-60Hz	120-277V 50-60Hz
Color Temp. (ANSI)	Warm White 3000K	Neutral White 3500K	Natural White 4000K	Daylight 5000K
CRI (Ra)	82	82	82	82
Typical lumens (lm)	1650	1650	1700	1700
Efficacy (LPW)	157	157	162	162
Light Emitting Area	310°	310°	310°	310°
Beam Angle	180°	180°	180°	180°
Dimmable	Yes	Yes	Yes	Yes
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	1.14" x47.76" (29x1213mm)	1.14" x47.76" (29x1213mm)	1.14" x47.76" (29x1213mm)	1.14" x47.76" (29x1213mm)
Weight (lb. / g)	0.67lb. / 304g	0.67lb. / 304g	0.67lb. / 304g	0.67lb. / 304g

## BALLAST PERFORMANCE

Ballast Factor	Bare Lamp (W)	System (W)	3000K Lumens	3500K Lumens	4000K Lumens	5000K Lumens
Low BF .77	10.5	11	1300	1300	1350	1350
Normal BF .88	10.5	13	1650	1650	1700	1700
High BF 1.15	10.5	18.5	2150	2150	2200	2200

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

Ref.#: DS192-T8-10.5W-4FT-DIR-080217