

# T8 10.5W 4FT. DIR TITANIUM LED SERIES



PRO



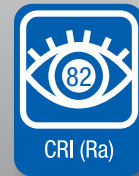
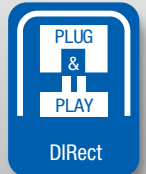
10.5W REPLACES



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 requirements
- Dimmable



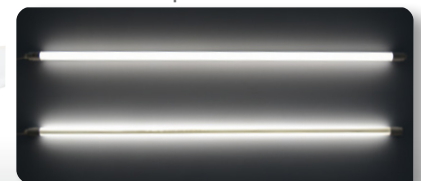
## TUBE FEATURES

### 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



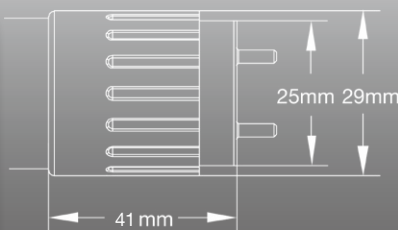
Lamp Back View

### 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/RC	28398 10.5T8/4F/835/DIR/RC	28399 10.5T8/4F/840/DIR/RC	28400 10.5T8/4F/850/DIR/RC
<b>Type</b>	T8	T8	T8	T8
<b>Base</b>	Medium Bi-Pin G13	Medium Bi-Pin G13	Medium Bi-Pin G13	Medium Bi-Pin G13
<b>Power (W)</b>	10.5	10.5	10.5	10.5
<b>Voltage - Frequency</b>	120-277V 50-60Hz	120-277V 50-60Hz	120-277V 50-60Hz	120-277V 50-60Hz
<b>Color Temp. (ANSI)</b>	Warm White 3000K	Neutral White 3500K	Natural White 4000K	Daylight 5000K
<b>CRI (Ra)</b>	82	82	82	82
<b>Typical lumens (lm)</b>	1650	1650	1700	1700
<b>Efficacy (LPW)</b>	157	157	162	162
<b>Light Emitting Area</b>	310°	310°	310°	310°
<b>Beam Angle</b>	160°	160°	160°	160°
<b>Dimmable</b>	Yes	Yes	Yes	Yes
<b>Power Factor</b>	0.9	0.9	0.9	0.9
<b>THD</b>	<20%	<20%	<20%	<20%
<b>Rated Lifetime - L70 (hrs.)</b>	50,000	50,000	50,000	50,000
<b>Temperature Rating</b>	-4°F / -20°C - 95°F / 35°C	-4°F / -20°C - 95°F / 35°C	-4°F / -20°C - 95°F / 35°C	-4°F / -20°C - 95°F / 35°C
<b>Dia. x MOL</b>	1.14" x47.76" (29x1213mm)	1.14" x47.76" (29x1213mm)	1.14" x47.76" (29x1213mm)	1.14" x47.76" (29x1213mm)
<b>Weight (lb. / g)</b>	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
<b>Low BF .77</b>	<b>10.5</b>	<b>11</b>	<b>1300</b>	<b>1300</b>	<b>1350</b>	<b>1350</b>
<b>Normal BF .88</b>	<b>10.5</b>	<b>13</b>	<b>1650</b>	<b>1650</b>	<b>1700</b>	<b>1700</b>
<b>High BF 1.15</b>	<b>10.5</b>	<b>18.5</b>	<b>2150</b>	<b>2150</b>	<b>2200</b>	<b>2200</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

Ref.#: DS317 - T8-10.5W-4FT-DIR-RC-260618