

# T8 10W 2FT. DIR

TITANIUM LED SERIES 4.0



PRO



DIRect

10W REPLACES



17W  
Fluo.

40% Energy Savings

- Compatible with Instant Start ballasts - No rewiring
- Easy to install - Plug & Play Direct
- Wide beam design: 275° light emitting area
- Suitable for use in totally enclosed fixtures
- End-to-end lighting with no dark spots
- Frosted glass tube for increased light diffusion efficiency



50,000 H



BALLAST  
COMPATIBLE



PLUG  
&  
PLAY  
DIRect



5  
YR  
WARRANTY



CRI (Ra)  
80



ENCLOSED\*



LM 79

LM 80

TM 21

IES



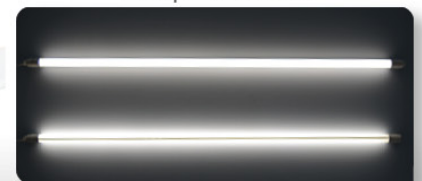
## TUBE FEATURES

### 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 275°. This wider beam angle improves a fixture's total light distribution and creates a more complete lighting effect.



Lamp Front View



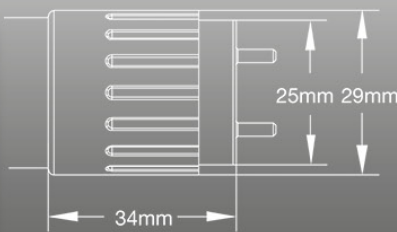
Lamp Back View

### 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.

# T8 10W 2FT. DIR

TITANIUM LED SERIES 4.0



## SPECIFICATIONS\*\*

Product Model	40802 10T8G4/2F/840/DIR	40803 10T8G4/2F/850/DIR
Type	T8	T8
Base	Medium Bi-Pin G13	Medium Bi-Pin G13
Power (W)	10	10
Voltage - Frequency	120-277V 50-60Hz	120-277V 50-60Hz
Color Temp. (ANSI)	Natural White 4000K	Daylight 5000K
CRI (Ra)	80	80
Typical lumens (lm)	1050	1100
Efficacy (LPW)	105	110
Light Emitting Area	275°	275°
Beam Angle	140°	140°
Dimmable	No	No
Power Factor	0.9	0.9
THD	<20%	<20%
Rated Lifetime - L70 (hrs.)	50,000	50,000
Dia. x MOL	1.14"x23.7" (29x603mm)	1.14"x23.7" (29x603mm)
Weight (lb. / g)	0.39lb. / 175g	0.39lb. / 175g

Ref: #DS049-T8-10W-DIR

## BALLAST PERFORMANCE

Ballast Factor	4000K			5000K		
	Bare Lamp (W)	System (W)	Lumens	Bare Lamp (W)	System (W)	Lumens
Low BF .77	9	10.5	900	9	10.5	950
Normal BF .88	10	12	1050	10	12	1100
High BF 1.15	12.5	14.5	1250	12.5	14.5	1300

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

\*\* Specification data is preliminary and may be subject to change

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

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