

# T8 16W U-BENT DIR TITANIUM LED SERIES



PRO



DIRect

16W REPLACES



32W  
Fluo.

50% Energy Savings

- Compatible with Instant Start & Programmed Start ballasts
- Easy to install - Plug & Play Direct
- Exceptional efficacy 119 LPW
- Suitable for use in totally enclosed fixtures
- Meets NSF/ANSI Standard 2 requirements
- Dimmable



50,000 H



ELECTRONIC  
BALLAST  
COMPATIBLE



PLUG  
&  
PLAY  
DIRect



5  
YR  
WARRANTY



82  
CRI (Ra)



ENCLOSED\*



LM 79

LM 80

TM 21

IES



Wide Beam Design: 310° Light Emitting Area



# T8 16W U-BENT DIR TITANIUM LED SERIES



## SPECIFICATIONS

Product Model	97958 16T8U6/830/DIR	97959 16T8U6/840/DIR	97960 16T8U6/850/DIR
Type	T8 U-BENT	T8 U-BENT	T8 U-BENT
Base	Medium Bi-Pin G13	Medium Bi-Pin G13	Medium Bi-Pin G13
Power (W)	16	16	16
Voltage - Frequency	120-277V 50-60Hz	120-277V 50-60Hz	120-277V 50-60Hz
Color Temp. (ANSI)	Warm White 3000K	Natural White 4000K	Daylight 5000K
CRI (Ra)	82	82	82
Typical lumens (lm)	2200	2200	2250
Efficacy (LPW)	138	138	141
System Efficacy	119	119	122
Light Emitting Area	310°	310°	310°
Beam Angle	140°	310°	310°
Dimmable	Yes	Yes	Yes
Power Factor	0.9	0.9	0.9
THD	<20%	<20%	<20%
Rated Lifetime - L70 (hrs.)	50,000	50,000	50,000
Temperature Rating	-4°F/-20°C - 95°F/35°C	-4°F/-20°C - 95°F/35°C	-4°F/-20°C - 95°F/35°C
Dia. x MOL	7.09"x22.43"(180x570mm)	7.09"x22.43"(180x570mm)	7.09"x22.43"(180x570mm)
Weight (lb. / g)	0.56lb. / 256g	0.56lb. / 256g	0.56lb. / 256g

## BALLAST PERFORMANCE

Ballast Factor	Bare Lamp (W)	System (W)	3000K	4000K	5000K
Low BF .77	16	16	1950	1950	2000
Normal BF .88	16	18.5	2200	2200	2250
High BF 1.15	16	26.5	3100	3100	3150

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