

# T8 16W U-BENT DIR TITANIUM LED SERIES 4.0



PRO



16W REPLACES



32W  
Fluo.

50% Energy Savings

\$36 Savings  
per fixture\*

- Compatible with Instant Start ballasts - No rewiring
- Easy to install - Plug & Play Direct
- Wide beam design: 320° light emitting area
- Suitable for use in totally enclosed fixtures
- End-to-end lighting with no dark spots
- High efficacy 113 LPW in Natural White



50,000 H



BALLAST  
COMPATIBLE



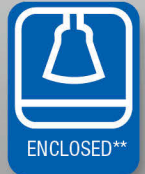
PLUG  
&  
PLAY  
DIRect



3  
YR  
WARRANTY



80  
CRI (Ra)



ENCLOSED\*\*



LM 79

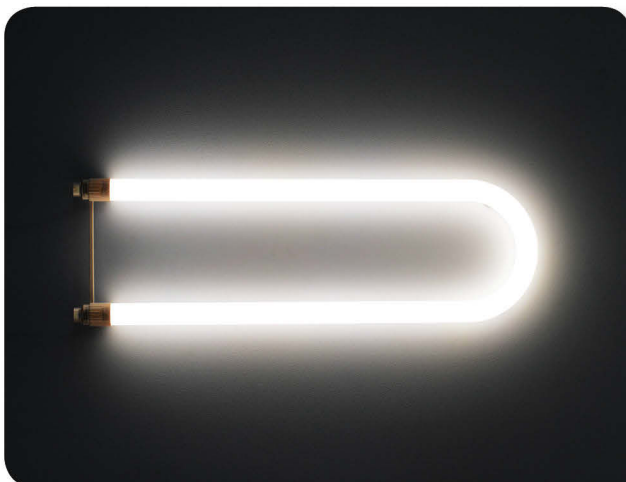
LM 80

TM 21



## CONTINUOUS END-TO-END LIGHTING

The lamp's micro-designed driver and continuous diffusing tube provide seamless lighting from end-to-end with no dark spots. Unlike other LED U-BENT tubes, this lamp truly replaces a fluorescent lamp in style and performance.



GREEN CREATIVE LED U-BENT



OTHER LED U-BENT

# T8 16W U-BENT DIR TITANIUM LED SERIES 4.0



## SPECIFICATIONS\*\*\*

Product Model	40707 16T8U6G4/830/DIR	40848 16T8U6G4/840/DIR	40849 16T8U6G4/850/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)	80	80	80
Typical lumens (lm)	1650	1800	1800
Efficacy (LPW)	103	113	113
Light Emitting Area	320°	320°	320°
Beam Angle	160°	160°	160°
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	7.09"x22.32" (180x567mm)	7.09"x22.32" (180x567mm)	7.09"x22.32" (180x567mm)
Weight (lb. / g)	0.43lb. / 196g	0.43lb. / 196g	0.43lb. / 196g

Ref: #DS067-T8-16W-U-BENT-DIR

## BALLAST PERFORMANCE

Ballast Factor	3000K			4000K			5000K		
	Bare Lamp (W)	System (W)	Lumens	Bare Lamp (W)	System (W)	Lumens	Bare Lamp (W)	System (W)	Lumens
<b>Low BF .77</b>	<b>13</b>	<b>16</b>	<b>1450</b>	<b>13</b>	<b>16</b>	<b>1550</b>	<b>13</b>	<b>16</b>	<b>1600</b>
<b>Normal BF .88</b>	<b>16</b>	<b>20</b>	<b>1650</b>	<b>16</b>	<b>20</b>	<b>1800</b>	<b>16</b>	<b>20</b>	<b>1800</b>
<b>High BF 1.15</b>	<b>19</b>	<b>24.5</b>	<b>1900</b>	<b>19</b>	<b>24.5</b>	<b>2000</b>	<b>19</b>	<b>24.5</b>	<b>2050</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.

\* Savings per fixture based on \$0.11 / kw energy cost, 12 hrs / day lamp usage, 2x32W fixture / \$10 fluorescent tube with 15,000 hr lifetime and \$35 LED tube with 50,000 hr lifetime

\*\* 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