



**TLENERGY** LED LIGHTING



16W LED T8 Tube  
TL-Y-T84-16-BF-ES

**TRANSLUX**



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**TL-Y-T84-16-BF-ES**

16W LED T8 Tube

50,000 Hours Life Span

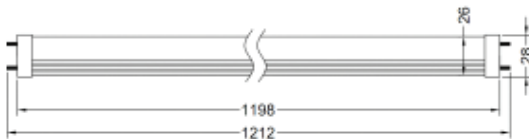
TL Energy Lamp Comparison			
	TL Energy 16W T8	Fluorescent T8	Fluorescent T12
Lumens	1,950 lm	2,000 lm (avg)	2,010 lm (avg)
Wattage	16W	32W	40W
Lifespan	50,000 Hrs	15,000 Hrs	15,000 Hrs
Other	No Heavy Metals, No Glass, No Flicker/Buzz	Mercury, Fragile Glass Flicker and Buzz	Mercury, Fragile Glass Flicker and Buzz

TL Energy Retrofit Savings Per 1,000*		
	T8	T12
Total Electrical Saving	\$115,000	\$165,000
Total Life Span Saving	\$17,000	\$30,000
CO <sub>2</sub> Emissions Saving	1,750,000 lbs	2,540,000 lbs
Equivalent Car Emissions	150 cars	220 cars

\*The numbers are based on 1,000 lamps running 16hrs/day at \$0.12 kwh

Optical Parameters		Electrical & Other Parameters	
LED Chip Brand	Epistar	Input Voltage	100~277V
Color Temperature	4000K~4500K	Total Power Consumption	16.3W±1W
Beam Angle	120°	Fixture Material	Aluminum Alloy
Light Efficiency	≥100lm/W	IP Level	IP52
Luminous Flux	1760~2000lm	Operating Temperature	-25~+50°C
Color Rendering Index	≥70	Net Weight	0.38kg±0.03kg (0.84 lbs±0.07 lbs)

### Physical Dimensions\*



\*dimensions in mm

### Luminance Intensity



Recommended height for hanging:  
2~6m  
Luminance intensity range:  
12~102lux

Specifications are subject to change.



## TRANSLUX

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