



Project	
Date	
Prepared by	
Model #	T84-4125PA

T84-SERIES T8 LAMP (4FT)



OVERVIEW

The T84-Series LED T8 Lamps are commercial grade, energy saving replacements for traditional fluorescent T8 tubes in the most popular 4 foot size. Designed for plug-and-play applications, these T8 tubes will operate with your fixture's existing T8 ballast, making re-wiring unnecessary. And with an impact-resistant polycarbonate lens, these lamps produce uniform lighting from end-to-end and turn on instantly without any flickering or delay.

PRODUCT HIGHLIGHTS

- High output, DLC listed
- Ballast compatibility to work with most ballasts
- Plug and play for direct replacement of 4-foot T8 fluorescent lamps
- Shatter-proof polycarbonate lens ensures safety
- Non-flicker, no delay instant on illumination
- Operates between -4°F - 104°F / -20°C and 40°C
- Damp location rated and suitable for use in fully enclosed fixtures

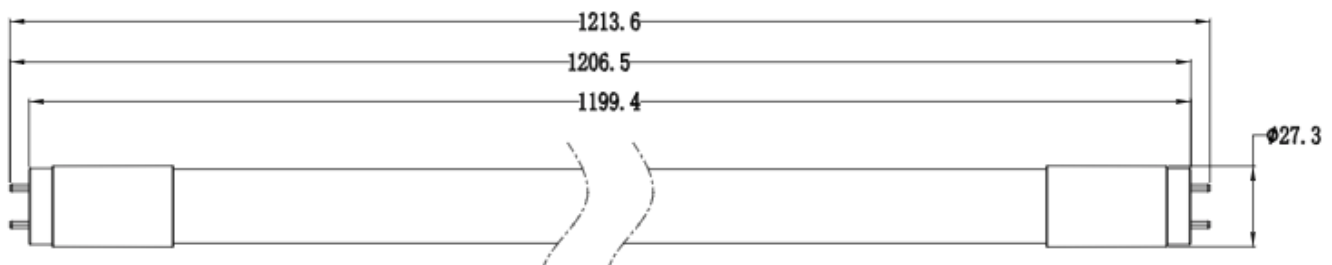
OPTICAL SPECIFICATIONS

Lumen Output (lm) ₁	1600	Beam Angle (°) ₁	110°
CCT (K) ₁	5000K	Projected Lifetime (L ₇₀)	>55,000 hrs
CRI (Ra) ₁	>80	Lumen Maintenance Factor	L70 (70% of initial output)
Efficacy (lm/W) ₁	133 lm/W	Chromaticity Shift	±50K

ELECTRICAL SPECIFICATIONS

Power	12W	Replacement For	25W/48T8, 28W/48T8, 30W/48T8, 32W/48T8
Apparent Power (VA)	14VA	UL Classification	Type A (Direct Plug & Play)
System Wattage (W)	13W	Max Draw	0.15A
Input Voltage	As per ballast*		

PRODUCT DIMENSION



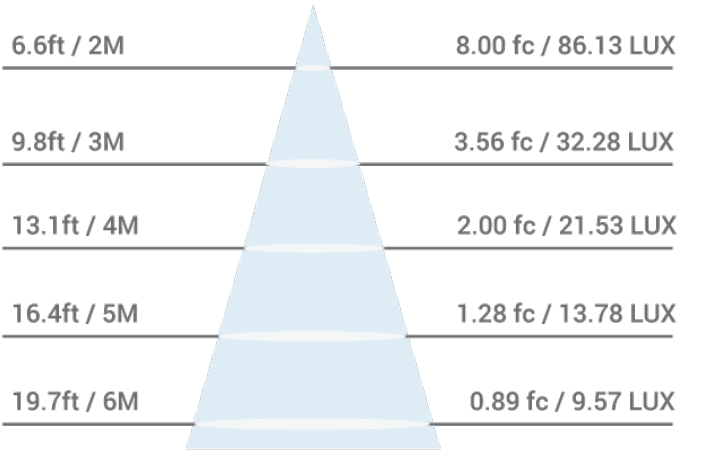
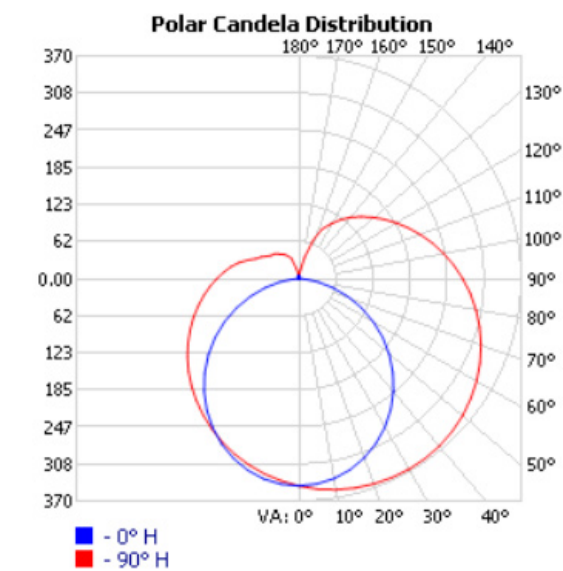
*Always consult our Compatibility List before ordering.

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CONSTRUCTION		LED AND DRIVER SPECIFICATIONS	
Housing Material	Plastic Cap with T8 Bi-Polar G13 Pin	LED (Brand)	GS
Housing Color	White	LED Design Origin	China
Lens Material	Polycarbonate (PC)	LED Type	SMD 3528
Dimensions (inch/mm)	47.5 ^{mm} (L) x 1.07 ^{mm} Φ 1206mm (L) x 27mm Φ ²	Dimmable	No
Installation Method	Type A / Plug and Play	Power Factor	0.95
Operation Range (°C/°F)	-20°C to 40°C -4°F to 104°F	THD	<20%
Warranty	5 Years		

APPROVALS AND LISTINGS	
DLC	PLAS4A2X0Z9L
Damp Location Rated	Yes
UL/ETL	cETLus
UL/ETL File Number	4008363

CANDELA	ILLUMINANCE AT A DISTANCE
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1. Due to the special conditions of manufacturing, the typical data of optical specifications can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical data.
2. Exceeding maximum ratings for input voltage and current will cause hazardous overload and will likely destroy the LED fixture.
3. Refer to Warranty Terms & Conditions available at premiseled.com/warranty