



LIGHTING
SCIENCE™

LSPro

LSPro® LED T8 Direct Wire Linear

PERFECT LIGHT SOURCE FOR COMMERCIAL AND RESIDENTIAL APPLICATIONS



The 4ft T8 Direct Wire linear provides a crisp and beautiful light with a 230 degree beam angle, while requiring 60% less energy and lasting 3.5x longer than traditional fluorescent T8 lamps. Ideal in both commercial and residential applications, the LSPro T8 Direct Wire is damp rated, and both UL safety certified and DLC listed.

- **Precise LED Binning Process:** Detailed and precise binning process ensures consistent color output and temperature
- **Ballast Bypass (UL Type B):** Replace traditional fluorescent T8 ballast and connect direct to line voltage for additional power savings
- **Frosted Glass Lens:** Creates smooth, even light distribution
- **Safe & Energy Efficient:** Contains no mercury or lead, UL listed, and less than 13W at 4ft & 9W at 2ft
- **DLC Listed:** For qualification to participate in rebate related programs



PRODUCT SPECIFICATIONS

SPECIFICATIONS ¹	4 FOOT		2 FOOT	
Color Temperature	4000K	5000K	4000K	5000K
Output (Lumens)	1800	1810	1150	1150
CRI	84	85	84	85
R9	16	17	14	15
Beam Angle	230°		230°	
Power Consumption (W)	12.8		9	
Power Factor	0.97		0.96	
Efficacy (LN/W)	141	141	124	125
Input Voltage (V _{AC})	120-277V		120-277V	
Dimmable	No		No	
Base	G13		G13	
Power Connector	Socket		Socket	
Product Dimensions (LxWxH in/cm)	48 x 1 x 1 in 121 x 26 x 26 cm		24 x 1 x 1 in 60.4 x 26 x 26 cm	
Operating Temperature Range (°F/°C)	-4 to 113 °F -20 to 45 °C		-4 to 113 °F -20 to 45 °C	
Storage Temperature Range (°F/°C)	-40 to 185 °F -40 to 85 °C		-40 to 185 °F -40 to 85 °C	
Weight (lbs/kg)	0.45 lb 0.20 kg		0.30 lb 0.14 kg	
Construction	Glass		Glass	
Lumen Maintenance (LM ₇₀)	50,000		50,000	
Environmental Rating	Damp		Damp	
Certifications	UL Classified, DLC, RoHS, FCC		UL, DLC, RoHS, FCC	
Warranty	5 Years		5 Years	

¹ Specifications and values supplied are nominal and are subject to change without notification

ORDERING INFORMATION

FAMILY	PRODUCT	WATTAGE	COLOR TEMPERATURE	LENGTH ¹	VOLTAGE	GENERATION	PACKAGING
LSPRO	T8 B - UL Type B ²	9 - 9 Watts	4000K - Cool White	24	MVOLT - 120 to 277V	SB20 - 2nd generation	
		13 - 13 Watts	5000K - Daylight	48			

example: LSPRO T8 B 13 4000K 48 MVOLT SB20 BX25

¹ 24 inch matches with 9W only and 48 inch matches with 13W only. ² UL Type B is ballast bypass.

