



# tubeBright™

L48i T8 LED Tube

**lumenport™**

More vision comfortable and higher brightness, why not try the tubeBright™ L48i?

LUMENPORT Electronics tubeBright™ L48i T8 LED Tubes are the most qualified replacements for conventional fluorescent T8 on the current market. A frosted lens makes tubeBright™ L48i emit very eye-comfortable light without any light spots. Meanwhile they adopt a quite number of SMD LEDs as lighting source, which maintains competitive brightness.

Besides, the power supply of tubeBright™ L48i is placed inside, which much eases the installation. They are well-suited for retail, commercial lighting and widely used to many shopping malls, supermarkets, offices, restaurant etc.



## Features:

- Even color and non-glare beams;
- Higher Brightness (Max. 1800lm);
- Most qualified replacements for conventional fluorescent;
- Easier retrofit with integrated power supply;
- 50% Energy saving;
- Good light quality and good heat dissipation;
- Minimum maintenance costs;
- Green and eco-friendly lighting source without mercury.

## Ordering Information

Part Number	Description	Unit
LFL-8150N-060602-H1	G4 IPS, Natural White, 150LEDs (3528 SMD), 0.6m, 100~130VAC, Translucent	pcs
LFL-8300N-120602-H1	G4 IPS, Natural White, 300LEDs (3528 SMD), 1.2m, 100~130VAC, Translucent	pcs
LFL-8360N-150602-H1	G4 IPS, Natural White, 360LEDs (3528 SMD), 1.5m, 100~130VAC, Translucent	pcs
LFL-8150N-060602-H2	G4 IPS, Natural White, 150LEDs (3528 SMD), 0.6m, 190~277VAC, Translucent	pcs
LFL-8300N-120602-H2	G4 IPS, Natural White, 300LEDs (3528 SMD), 1.2m, 190~277VAC, Translucent	pcs
LFL-8360N-150602-H2	G4 IPS, Natural White, 360LEDs (3528 SMD), 1.5m, 190~277VAC, Translucent	pcs

## Technical Specifications

### Physical Specifications

Length	600 mm (1.96 ft)	1200 mm (3.93 ft)	1500 mm (4.92 ft)
Weight	240g	490g	610g
Housing	Aluminum		
Cover	Milky PC		
Tube Diameter	T8		
Base Type	G13		
Work Environment	Indoor use (applicable for dry environment)		

### Electrical Specifications

	600 mm (1.96 ft)	1200 mm (3.93 ft)	1500 mm (4.92 ft)
LED Quantity	150LEDs	300LEDs	360LEDs
Power Consumption	10W ± 2W	20W ± 2W	25W ± 2W
Input Voltage	100~130VAC/190~277VAC		
Power Factor	>0.92		
Lighting Source	SMD LEDs		
Operation Temperature	-20~40°C (-4~104°F)		

### Optical Specifications

	600 mm (1.96 ft)	1200 mm (3.93 ft)	1500 mm (4.92 ft)
Lumens	680~720 lm	1350~1450 lm	1700~1800 lm
Color Range	White		
Color Temperature	6000~6500K		
CRI	>65		
Beam Angle	120°		