



iBright™

I48i T8 LED Tube



More vision comfortable and higher brightness, why not iBright™ I48i?

ATG Electronics iBright™ I48i T8 LED Tubes are the most qualified replacements for conventional fluorescent T8 on the current market. Frosted Lens makes iBright™ I48i 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, power supply of iBright™ I48i 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 (1.2m, Typ. 1600lm);
- Most fluorescent-like LED tube;
- 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
HFL-8150N-060602-H1	G4 IPS, Cool White (5500-6500K), 150LEDs, 0.6m, 100-130VAC, Frosted Lens	pcs
HFL-8300N-120602-H1	G4 IPS, Cool White (5500-6500K), 300LEDs, 1.2m, 100-130VAC, Frosted Lens	pcs
HFL-8360N-150602-H1	G4 IPS, Cool White (5500-6500K), 360LEDs, 1.5m, 100-130VAC, Frosted Lens	pcs
HFL-8150N-060602-H2	G4 IPS, Cool White (5500-6500K), 150LEDs, 0.6m, 190-240VAC, Frosted Lens	pcs
HFL-8300N-120602-H2	G4 IPS, Cool White (5500-6500K), 300LEDs, 1.2m, 190-240VAC, Frosted Lens	pcs
HFL-8360N-150602-H2	G4 IPS, Cool White (5500-6500K), 360LEDs, 1.5m, 190-240VAC, Frosted Lens	pcs

Also available in other color temperature:

Warm White (2800-3200K)

Natural White (4250-4750K)

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	Frosted 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/190-240VAC		
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)
Luminous Flux	775-825 lm	1550-1650 lm	1860-1980 lm
Luminous Efficacy	80 lm/W		
Color Temperature	Warm White: 2800-3200 K Natural White: 4250-4750 K Cool White: 5500-6500 K		
CRI	>70		
Beam Angle	120°		

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