



iBright™ I58i T8 LED Tube

Economy Version



iBright™ I58i T8 LED Tube is an economy solution for fluorescent replacement, which can directly drop into existing T8, T10, T12 fixtures, without ballast or starter.

This solution enables installer a quick retrofit and saves much in labor cost.

iBright™ I58i integrates high-efficient and long-life built-in power supply, which enables low power consumption and easy retrofit.

iBright™ I58i adopts 5050 SMD LED diodes, and clear lens to maximize lumen output. (Typ. 1500 lm, 1.2m/4ft)

The lamp can produce equivalent illuminance as fluorescent tube while save more than 50% energy.

For heat management, the lamp uses patented and proven solution, which can dissipate heat from LED chip to air quickly and efficiently. Without heat buildup, it makes reliable and optimizes performance and life span of the lamp.



Features:

- Economy version, high cost-effective;
- Higher Brightness (1.2m, Typ. 1500lm);
- High luminous efficacy (Typ. 85lm/W);
- Maximum lumen output with clear lens;
- Easier retrofit with integrated power supply;
- 50% Energy saving;
- Good light quality and good heat dissipation;
- Minimum maintenance costs.



Ordering Information

Part Number	Description	Unit
HFL-8040N-060605-H1	G5 IPS, Cool White (5500-6500K), 40LEDs, 0.6m, 100-130VAC, 120 degree, Clear Lens	pcs
HFL-8080N-120605-H1	G5 IPS, Cool White (5500-6500K), 80LEDs, 1.2m, 100-130VAC, 120 degree, Clear Lens	pcs
HFL-8099N-150605-H1	G5 IPS, Cool White (5500-6500K), 99LEDs, 1.5m, 100-130VAC, 120 degree, Clear Lens	pcs
HFL-8040N-060605-H2	G5 IPS, Cool White (5500-6500K), 40LEDs, 0.6m, 190-240VAC, 120 degree, Clear Lens	pcs
HFL-8080N-120605-H2	G5 IPS, Cool White (5500-6500K), 80LEDs, 1.2m, 190-240VAC, 120 degree, Clear Lens	pcs
HFL-8099N-150605-H2	G5 IPS, Cool White (5500-6500K), 99LEDs, 1.5m, 190-240VAC, 120 degree, Clear 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	220g	430g	520g
Housing	Aluminum		
Cover	Clear 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	40LEDs	80LEDs	99LEDs
Power Consumption	8W±2W	16W±2W	19W±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	725-775 lm	1450-1550 lm	1800-1950 lm
Luminous Efficacy	85 lm/W		
Color Temperature	Warm White: 2800-3200 K Natural White: 4250-4750 K Cool White: 5500-6500 K		
CRI	>80		
Beam Angle	120°		

ATG Electronics Corp.

628 Zhangyang Road, Suite 1-21B, Shanghai 200122 China
www.atgelectronics.com E-mail: sales@atgelectronics.com
Phone: +86-21-58350166 Fax: +86-21-58351977

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