



G5 IPS LED T8 TUBE
(integrated power supply)

P-tec's ShineOn G5 IPS T8 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.

G5 IPS integrates high-efficiency and long-life built-in power supply, which enables easy retrofit.

G5 IPS adopts 5050 SMD LED diodes, and clear lens to maximize lumen output. The lamp can match or exceed the brightness of conventional fluorescent tubes, while saving an estimated 50% in energy costs.

For heat management, the lamp uses patented and proven solutions, which dissipate heat from the LED chips to the air quickly and efficiently. The ability to minimize heat build-up optimizes these tubes for performance and long life-span.

Part Number	Description	Unit
PLSO-T8AG5-Wxxxx-60	G5 IPS; Cool/Natural/Warm White; 0.6m 120 Degree Viewing Angle, Clear Lens	PCs
PLSO-T8AG5-Wxxxx-120	G5 IPS; Cool/Natural/Warm White; 1.2m 120 Degree Viewing Angle, Clear Lens	PCs
PLSO-T8AG5-Wxxxx-150	G5 IPS; Cool/Natural/Warm White; 1.5 120 Degree Viewing Angle, Clear Lens	PCs

Features and Benefits

- Simple, Easy Replacement For Conventional Fluorescents
- High Brightness
- Stable Performance With External Power Supply
- Easy Installation
- 50% Energy Savings
- Minimal Maintenance Costs
- Eco-Friendly Lighting Solution (no mercury, argon, etc)



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 \pm 2W	16W \pm 2W	19W \pm 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	640 \pm 100 lm	1280 \pm 100 lm	1580 \pm 100 lm
Color Range	White		
Color Temperature	6000~6500K		
CRI	>60		
Beam Angle	120°		

