

# T8 LED TUBE

LED Lighting Solutions



## Applications

- House Lighting
- Office Lighting
- Store Lighting

## Features

- Power factor >0.85
- Apply to T8 luminaire & G13 socket.
- Color Rendering Index, Ra 80



TBEN 5' / 4' / 2'

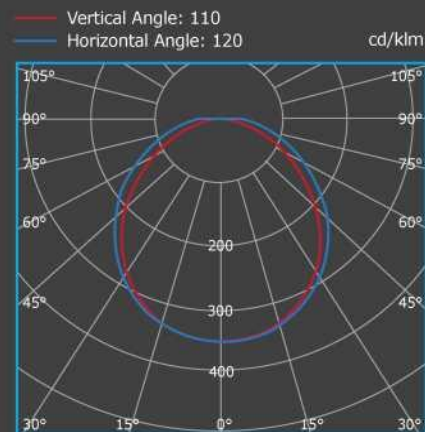
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## LED Module

Model • TBEN-22U5BFIC • TBEN-18U4BFIC • TBEN-09U2BFIC

Model	• TBEN-22U5BFIC	• TBEN-18U4BFIC	• TBEN-09U2BFIC
Cover Type	Frosted	Frosted	Frosted
Power Consumption (W)	22	18	9
Lumen Output (lm)	1,850	1,600	750
Input Voltage	100-240V AC	100-240V AC	100-240V AC
Efficacy (lm/W)	84	89	83
Power Factor	>0.85	>0.85	>0.85
CRI (Ra)	80	80	80
Length (mm)	1,498	1,198	588
CCT (K)	4,000	4,000	4,000
Base Type	G13	G13	G13
Life (Hrs)	25,000	25,000	25,000
Operating Temperature (°C)	-20°C~+40°C	-20°C~+40°C	-20°C~+40°C

## Light Intensity Distribution, Reference



## Illumination at Center, Reference

### • TBEN-22U FROSTED Type

Beam Diameter	Lux at a Distance
300 MM	400.0 lx
600 MM	130.0 lx
900 MM	60.0 lx
1200 MM	25.0 lx

### • TBEN-18U FROSTED Type

Beam Diameter	Lux at a Distance
300 MM	370.0 lx
600 MM	100.0 lx
900 MM	40.0 lx
1200 MM	23.0 lx

### • TBEN-09U FROSTED Type

Beam Diameter	Lux at a Distance
300 MM	210.0 lx
600 MM	50.0 lx
900 MM	20.0 lx
1200 MM	13.1 lx

## INSTALLATION

### TBEN-Series LED Tube Follows Circuit B2

1. Make sure the circuit of the trouffer follows **A2** and **B2**. For old circuit of conventional T8 fluorescent, please follow the diagram to adjust the circuit.
2. Switch off electricity, and remove the fluorescent lamp.
3. For circuit **A1**:  
After replacing the short starter, the LED tube can be installed directly onto the G13 base (as shown in circuit **A2**). Or follow the circuit **B2** to install LED lamp without the "short starter".
4. For circuit **B1**:  
Please remove the electronic ballast, and connect L and N to the joints in the G13 base separately (as shown in circuit **B2**).

