

LED T8 3CCT Type A / B / SE

9W/18W/22W/30W

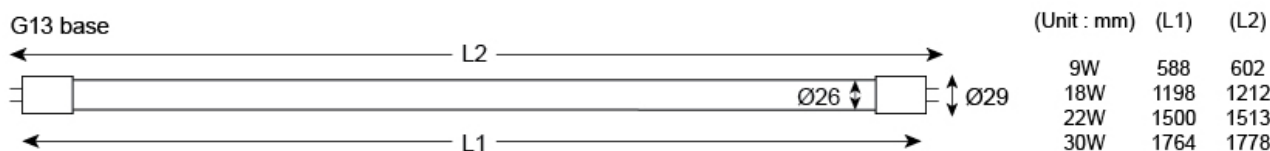
Features

- Energy saving with low power consumption
- Perfect retrofit traditional lamps with no change on dimensions
- Smooth operation even at low temperatures
- No mercury and hazardous substances
- Selectable CCT via dip-switch
- Inventory cost saving
- Type A/B is for direct retrofit of magnetic ballast circuit
- Full glass body
- Voltage: 220-240Vac, 50/60Hz, Power Factor: 0.9
- High efficacy up to 120lm/W
- Good color rendition, Ra ≥80

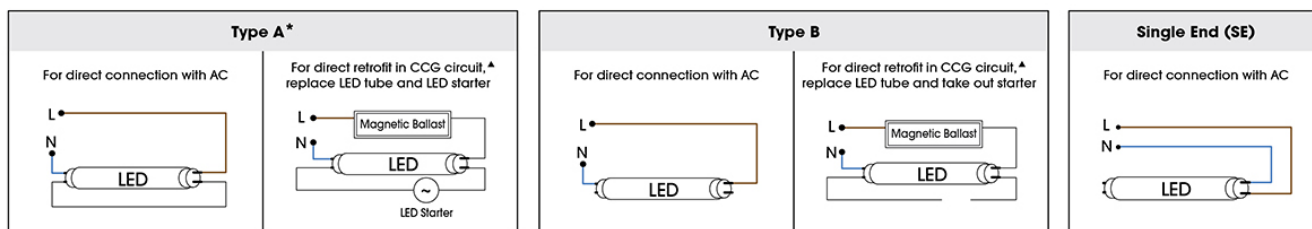


Diagrams

Dimensions:



Circuits:



* Comply to EN62776

▲ Recommend to remove the parallel capacitor (if any) to achieve HPF

Prosperity Lamps & Components Ltd.

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Standards



IP20



Applications



Home



Office



Shopping mall



Hotel



Supermarket



Restaurant



Parking



School



Warehouse



Factory



Hospital



Gallery



Museum



Airport



Station

Technical Data

Type of Light Source

Lighting Technology Used LED

Non-directional or Directional [NDLS/DLS] NDLS

Mains or Non-mains [MLS/NMLS] MLS

Connected Light Source No

Color tunable light source No

Envelop [No/Second/Non-Clear] No

High Luminance Light Source No

Anti-glare Shield No

Electrical

Rated Wattage [W] 9W / 18W / 22W / 30W

On-mode Power [W] 9W / 18W / 22W / 30W

Standby Power [W] N/A

Networked Standby Power [W] N/A

Rated Voltage [V/Hz] 220-240Vac, 50/60Hz

Power Factor @230V 0.85 / 0.9 / 0.9 / 0.9

Input Current [mA] @230V 46 / 87 / 106 / 145

Model

LED F9T8/8XX/G/600/3CCT 9W

LED F18T8/8XX/G/1200/3CCT 18W

LED F22T8/8XX/G/1500/3CCT 22W

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LED F30T8/8XX/G/1800/3CCT	30W
Luminous Flux [lm]	
9W	900lm @3000K
	990lm @4000K
	990lm @6500K
18W	1900lm @3000K
	1980lm @4000K
	1980lm @6500K
22W	2320lm @3000K
	2420lm @4000K
	2420lm @6500K
30W	3300lm @3000K
	3600lm @4000K
	3600lm @6500K
Performance	
SDCM	<6
Chromaticity coordinates [x, y]	0.44, 0.403@3000K / 0.38, 0.38@4000K / 0.312, 0.335@6500K
Efficacy [lm/W]	100-120
Color Rendering Index [Ra]	≥80
R9 colour rendering index value	2
Beam Angle [°]	280
Rated Life, Ta@25°C [hrs]	40,000
Survival Factor	0.9
Lumen Maintenance Factor	0.96
Number of Switching Cycles Before Failure	>15,000
Starting Time [S]	<0.5
Warm Up Time [S]	<2
Premature Failure At 1000hrs	<5%
Displacement Factor [cosØ]	0.5 / 0.7 / 0.7 / 0.9
Flicker Metric [Pst LM]	1
Stroboscopic Effect Metric [SVM]	0.4
Mechanical	
Diameter D [mm]	Φ29
Length L1 [mm]	588 / 1198 / 1500 / 1764
Length L2 [mm]	602 / 1212 / 1513 / 1778
Base	G13
Material	Glass
Standard Compliance	
CE-LVD	EN62776
CE-EMC	EN55015, EN61547, EN61000-3-2, EN61000-3-3
CE-EMF	EN62493
Environment	RoHS
Mercury Content [mg]	0.0

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Energy Class	E
Other	
Dimmable [Yes/Only with specific dimmers/No]	N
Operation Temperature	-20°C ~ 50°C
Storage Temperature	-10°C ~ 30°C
Energy Consumption in on-mode [kWh/1000h]	9kWh / 18kWh / 22kWh / 30kWh