

LED T8 Type A / B

10W/14W/20W/24W/30W

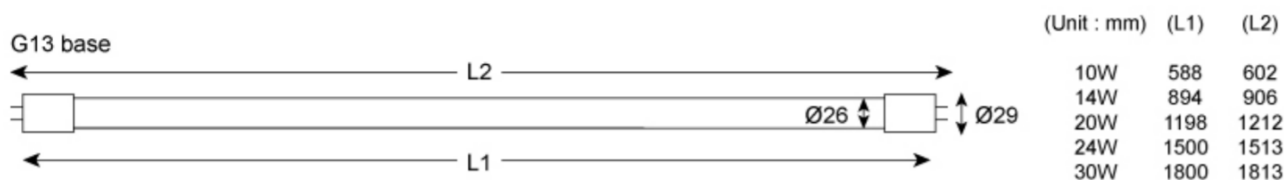
Features

- 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
- Direct retrofit for magnetic ballast circuit
- Full glass body
- Voltage : 220-240Vac, 50/60Hz, Power Factor : 0.9
- Good color rendition, Ra ≥80

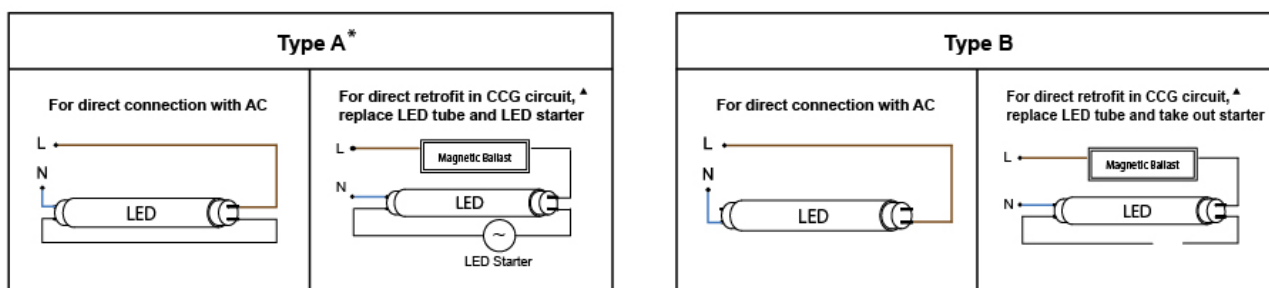


Diagrams

Dimensions:



Circuit:



* Comply to EN62776

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

Standards



IP20



Applications



Home



Office



Shopping mall



Hotel



Supermarket



Restaurant



Parking



School



Warehouse



Factory



Hospital



Gallery



Museum



Airport



Station

Technical Data

Electrical

Rated Wattage [W] 10W / 14W / 20W / 24W / 30W

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

Power Factor @230V 0.9

Input Current [mA] @230V 48 / 68 / 97 / 116 / 145

LED SMD 2835

Model

LED F10T8/8XX/G/600 10W

LED F14T8/8XX/G/1200 14W

LED F20T8/8XX/G/1200 20W

LED F24T8/8XX/G/1500 24W

LED F30T8/8XX/G/1800 30W

Luminous Flux [lm]

10W 850lm @2700K

870lm @3000K

930lm @4000K

1000lm @6500K

14W 1190lm @2700K

1220lm @3000K

1310lm @4000K

1400lm @6500K

Prosperity Lamps & Components Ltd.

Tel: (852) 2511 0022 Fax: (852) 2511 0082 Web: www.prosperitylamps.com Email: info@prosperitylamps.com

20W	1700lm @2700K
	1740lm @3000K
	1860lm @4000K
	2000lm @6500K
24W	2040lm @2700K
	2200lm @3000K
	2300lm @4000K
	2400lm @6500K
30W	2550lm @2700K
	2700lm @3000K
	2850lm @4000K
	3000lm @6500K
Performance	
SDCM	<6
Efficacy [lm/W]	85-100
Color Rendering Index [Ra]	≥80
Beam Angle [°]	270
Rated Life, Ta@25°C [hrs]	40,000
Lamp Survival Factor at 6000hrs	>0.9
Lumen Maintenance at 6000hrs	>0.8
Number of Switching Cycles Before Failure	>15,000
Starting Time [S]	<0.5
Warm Up Time [S]	<2
Premature Failure At 1000hrs	<5%
Mechanical	
Diameter D [mm]	Φ29.5
Length L [mm]	600 / 900 / 1200 / 1500 / 1800
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
Energy Class	A+
Other	
Dimmable [Y/N]	N
Operation Temperature	-20°C ~ 50°C
Storage Temperature	-10°C ~ 30°C