

LED T5 AC

8W/12W/16W/20W

Features

- Energy saving with low power consumption
- Smooth operation even at low temperatures
- No mercury and hazardous substances
- Beam Angle : 270°
- Full glass body
- Voltage : 220-240Vac, 50/60Hz, Power Factor : 0.6
- Good color rendition, Ra ≥80

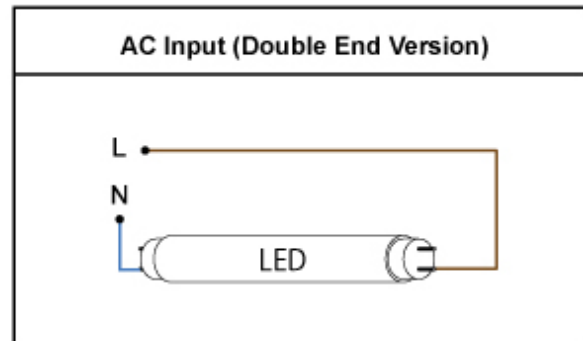
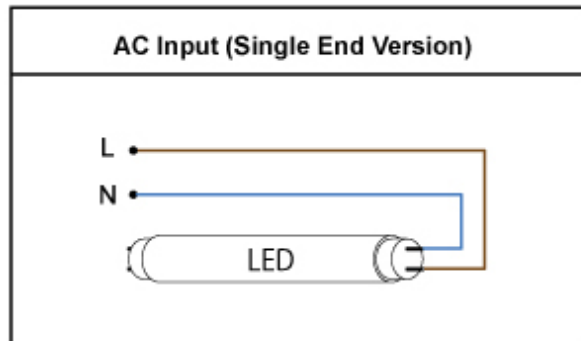


Diagrams

Dimensions:

		(Unit : mm)	(L1)	(L2)
		8W	549	563
		12W	849	863
		16W	1149	1163
		20W	1449	1463

Circuit:



· Direct 220-240V AC input. Integral LED driver.

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] 8W / 12W / 16W / 20W

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

Power Factor @230V 0.6

Input Current [mA] @230V 58 / 87 / 116 / 145

LED SMD 2835

Prosperity Lamps & Components Ltd.

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Model	
LED F8T5/AC/8XX/600	8W
LED F12T5/AC/8XX/900	12W
LED F16T5/AC/8XX/1200	16W
LED F20T5/AC/8XX/1500	20W
Luminous Flux [lm]	
8W	880lm @3000K
	920lm @4000K
	960lm @6500K
12W	1320lm @3000K
	1380lm @4000K
	1440lm @6500K
16W	1760lm @3000K
	1840lm @4000K
	1920lm @6500K
20W	2200lm @3000K
	2300lm @4000K
	2400lm @6500K
Performance	
SDCM	<6
Efficacy [lm/W]	110-120
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]	Φ16
Length L1 [mm]	549 / 849 / 1149 / 1449
Length L2 [mm]	563 / 863 / 1163 / 1463
Base	G5
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++ (8W 6500K)
	A+

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Other

Dimmable [Y/N]	N
Operation Temperature	-20°C ~ 50°C
Storage Temperature	-10°C ~ 30°C