

LED T5 DECOR Color AC HPF

14W/20W/25W

Features

- Energy saving with low power consumption
- Vivid colors in red/ green/ yellow/ blue for decorative purposes
- Smooth operation even at low temperatures
- No mercury and hazardous substances
- Full glass body
- Voltage: 100-277Vac, 50/60Hz, Power Factor: 0.9

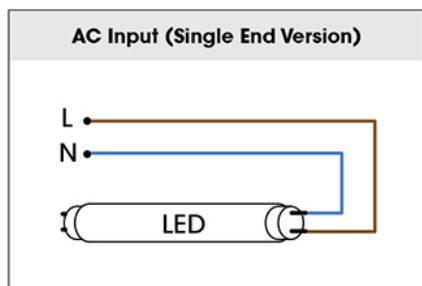


Diagrams

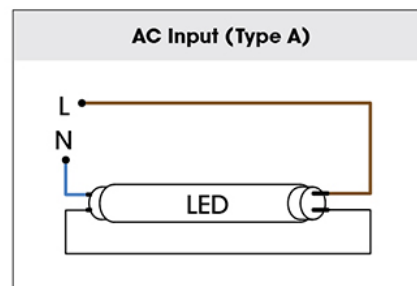
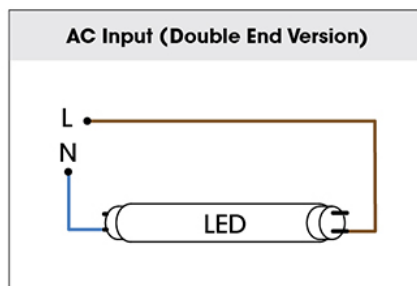
Dimensions:

G5 base	L2	L1	Ø16	(Unit : mm)		
				(L1)	(L2)	
				14W	549	563
				20W	849	863
				25W	1149	1163
				25W	1449	1463

Circuits:



Direct 100 - 277Vac input. Integral LED driver



Prosperity Lamps & Components Ltd.

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Standards



IP20



Applications



Home



Shopping mall



Hotel



Supermarket



Restaurant

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]	14W / 20W / 25W
On-mode Power [W]	14W / 20W / 25W
Standby Power [W]	N/A
Networked Standby Power [W]	N/A
Rated Voltage [V/Hz]	100-277Vac, 50/60Hz
Power Factor @230V	0.9
Input Current [mA] @230V	68 / 97 / 121

Model

LED F14T5/AC/RED/600/L	14W, Red
LED F14T5/AC/GREED/600/L	14W, Green
LED F14T5/AC/YELLOW/600/L	14W, Yellow
LED F14T5/AC/BLUE/600/L	14W, Blue
LED F20T5/AC/RED/900/L	20W, Red
LED F20T5/AC/GREED/900/L	20W, Green
LED F20T5/AC/YELLOW/900/L	20W, Yellow
LED F20T5/AC/BLUE/900/L	20W, Blue
LED F25T5/AC/RED/1200/L	25W, Red

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LED F25T5/AC/GREED/1200/L	25W, Green
LED F25T5/AC/YELLOW/1200/L	25W, Yellow
LED F25T5/AC/BLUE/1200/L	25W, Blue
LED F25T5/AC/RED/1500/L	25W, Red
LED F25T5/AC/GREED/1500/L	25W, Green
LED F25T5/AC/YELLOW/1500/L	25W, Yellow
LED F25T5/AC/BLUE/1500/L	25W, Blue
Luminous Flux [lm]	
14W, Red	250lm
14W, Green	1100lm
14W, Yellow	280lm
14W, Blue	23lm
20W, Red	360lm
20W, Green	1600lm
20W, Yellow	400lm
20W, Blue	350lm
25W, Red	450lm
25W, Green	2000lm
25W, Yellow	500lm
25W, Blue	430lm
Performance	
SDCM	<6
Chromaticity coordinates [x, y]	-
Efficacy [lm/W]	-
Color Rendering Index [Ra]	-
R9 colour rendering index value	2
Beam Angle [°]	270
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]	0.7 / 0.7 / 0.9
Flicker Metric [Pst LM]	1
Stroboscopic Effect Metric [SVM]	0.4
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	

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CE-LVD	EN62776
CE-EMC	EN55015, EN61547, EN61000-3-2, EN61000-3-3
CE-EMF	EN62493
Environment	RoHS
Mercury Content [mg]	0.0
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]	14kWh / 20kWh / 25kWh