LED T5 DECOR Color AC
8W/12W/16W/20W

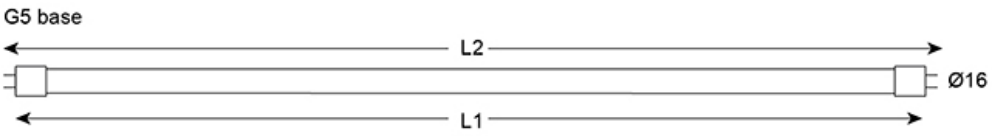
Features

· 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: 220-240Vac, 50/60Hz, Power Factor: 0.5



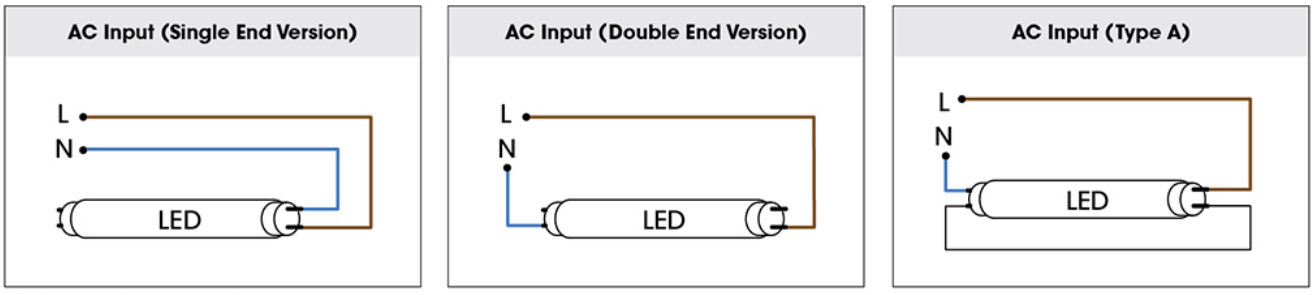
Diagrams

Dimensions:



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

Circuits:



Direct 220 - 240Vac input. Integral LED driver

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Standards



Applications



Shopping mall 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]	8W / 12W / 16W / 20W
On-mode Power [W]	8W / 12W / 16W / 20W
Standby Power [W]	N/A
Networked Standby Power [W]	N/A
Rated Voltage [V/Hz]	220-240Vac, 50/60Hz
Power Factor @230V	0.5
Input Current [mA] @230V	70 / 104 / 139 / 174
Model	
LED F8T5/AC/RED/600	8W, Red
LED F8T5/AC/GREEN/600	8W, Green
LED F8T5/AC/YELLOW/600	8W, Yellow
LED F8T5/AC/BLUE/600	8W, Blue
LED F12T5/AC/RED/900	12W, Red
LED F12T5/AC/GREEN/900	12W, Green
LED F12T5/AC/YELLOW/900	12W, Yellow
LED F12T5/AC/BLUE/900	12W, Blue
LED F16T5/AC/RED/1200	16W, Red

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LED F16T5/AC/GREEN/1200	16W, Green
LED F16T5/AC/YELLOW/1200	16W, Yellow
LED F16T5/AC/BLUE/1200	16W, Blue
LED F20T5/AC/RED/1500	20W, Red
LED F20T5/AC/GREEN/1500	20W, Green
LED F20T5/AC/YELLOW/1500	20W, Yellow
LED F20T5/AC/BLUE/1500	20W, Blue
Luminous Flux [lm]	
8W, Red	140lm
8W, Green	620lm
8W, Yellow	160lm
8W, Blue	130lm
12W, Red	210lm
12W, Green	930lm
12W, Yellow	240lm
12W, Blue	190lm
16W, Red	280lm
16W, Green	1200lm
16W, Yellow	320lm
16W, Blue	260lm
20W, Red	350lm
20W, Green	1560lm
20W, Yellow	400lm
20W, Blue	320lm
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]	0.5 / 0.7 / 0.7 / 0.7
Flicker Metric [Pst LM]	1
Stroboscopic Effect Metric [SVM]	0.4
Mechanical	
Diameter D [mm]	Φ16
Length L1 [mm]	549 / 849 / 1149 / 1449

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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	-
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]	8kWh / 12kWh / 16kWh / 20kWh

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