LED T5 Global CC
4W/8W/12W/16W/20W/28W

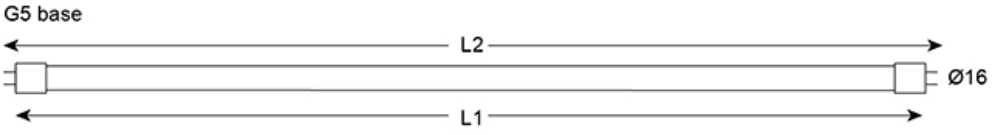
Features

- Two pins connection allows flexible wiring for light up and bi-directional tube installation
- Auto-correcting polarity protection
- 12 types of wiring combination in one tube
- External constant current driver (UL Type C)
- High efficacy up to 150lm/W
- Wattage and lumen can be adjusted by a driver with lower output current
- Suitable for LED emergency lighting
- Remote driver allows for superior heat dissipation performance and longer average lifetime
- Dimming and control system integration is possible based on selected driver model
- No mercury and hazardous substances
- Energy saving with low power consumption
- Smooth operation even at low temperatures
- Full glass body
- Good color rendition, Ra ≥80



Diagrams

Dimensions:

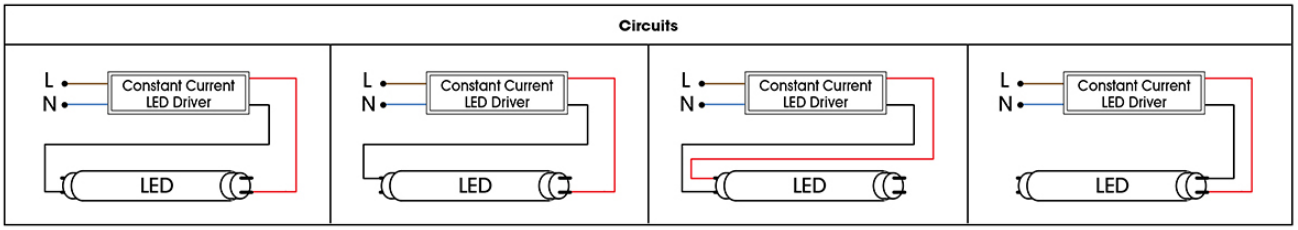


(Unit : mm)	(L1)	(L2)
4W	288	302
8W	549	563
12W	849	863
16W	1149	1163
20W	1449	1463
28W	1449	1463

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Circuits:



Standards

CE RoHS Compliance 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]	NMLS
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]	4W / 8W / 12W / 16W / 20W / 28W
On-mode Power [W]	4W / 8W / 12W / 16W / 20W / 28W

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Standby Power [W]	N/A
Networked Standby Power [W]	N/A
Rated Voltage [V/Hz]	9-13V / 21-25V / 31-37V / 42-48V / 36-44V / 38-42V
Input Current [mA] @230V	350 / 350 / 350 / 350 / 500 / 700
Model	
LED F4T5/CC/8XX/300	4W
LED F8T5/CC/8XX/600	8W
LED F12T5/CC/8XX/900	12W
LED F16T5/CC/8XX/1200	16W
LED F20T5/CC/8XX/1500	20W
LED F28T5/CC/8XX/1500	28W
Luminous Flux [lm]	
4W	580lm @3000K
	590lm @4000K
	600lm @6500K
8W	1160lm @3000K
	1180lm @4000K
	1200lm @6500K
12W	1740lm @3000K
	1770lm @4000K
	1800lm @6500K
16W	2320lm @3000K
	2360lm @4000K
	2400lm @6500K
20W	2900lm @3000K
	2950lm @4000K
	3000lm @6500K
28W	4060lm @3000K
	4130lm @4000K
	4200lm @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]	145-150
Color Rendering Index [Ra]	≥80
R9 colour rendering index value	2
Beam Angle [°]	270
Rated Life, Ta@25°C [hrs]	50,000
Survival Factor	0.9
Lumen Maintenance Factor	0.96
Number of Switching Cycles Before Failure	>15,000
Starting Time [S]	<0.5

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Warm Up Time [S]	<2
Premature Failure At 1000hrs	<5%
Displacement Factor [cosØ]	N/A
Flicker Metric [Pst LM]	N/A
Stroboscopic Effect Metric [SVM]	N/A
Mechanical	
Diameter D [mm]	Φ16
Length L1 [mm]	288 / 549 / 849 / 1149 / 1449 / 1449
Length L2 [mm]	302 / 563 / 863 / 1163 / 1463 / 1463
Base	G5
Material	Glass
Standard Compliance	
CE-LVD	EN60598-2-1, EN60598-1, EN62776, EN61347-2-13, EN61347-1, EN62493, EN62471, EN62031
CE-EMC	EN55015, EN61547, EN61000-3-2, EN61000-3-3
Environment	RoHS
Mercury Content [mg]	0.0
Energy Class	3000K / 4000K / 6500K
4W	E / D / D
8W	E / D / D
12W	E / D / D
16W	E / D / D
20W	E / D / D
28W	E / D / D
Other	
Dimmable [Yes/Only with specific dimmers/No]	Y
Operation Temperature	-20°C ~ 45°C
Storage Temperature	-10°C ~ 30°C
Energy Consumption in on-mode [kWh/1000h]	4kWh / 8kWh / 12kWh / 16kWh / 20kWh / 28kWh

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