

LED T9 Circular AC

15W/20W/30W

Features

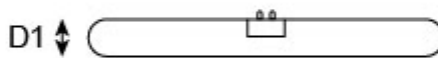
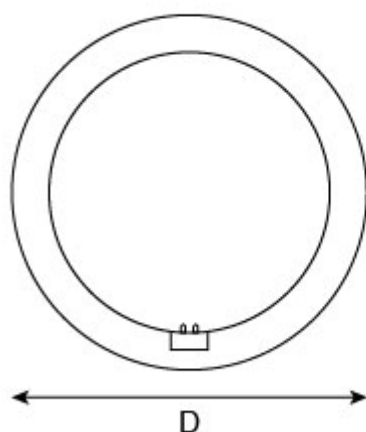
- Energy saving with low power consumption
- For direct connection with AC
- Instant full brightness
- Smooth operation even at low temperatures
- No mercury and hazardous substances
- Voltage: 220-240Vac, 50/60Hz, Power Factor: 0.9
- Good color rendition, Ra ≥80



Diagrams

Dimensions:

G10Q base

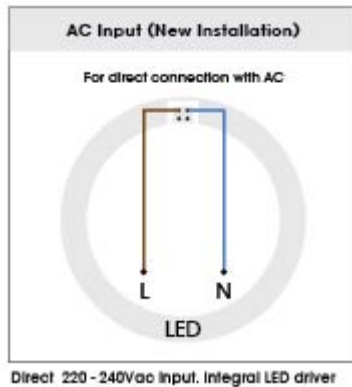


(Unit : mm)	(D)	(D1)
15W	Ø215	x Ø30
20W	Ø300	x Ø30
30W	Ø400	x Ø30

Prosperity Lamps & Components Ltd.

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Circuits:



Standards



Applications



Home



Office



Hotel



Supermarket



Restaurant



Parking



School



Warehouse



Factory



Hospital



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] 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] 15W / 20W / 30W

On-mode Power [W] 15W / 20W / 30W

Standby Power [W] N/A

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Networked Standby Power [W]	N/A
Rated Voltage [V/Hz]	220-240V, 50/60Hz
Power Factor	0.9
Input Current [mA] @230V	72 / 97 / 145
Model	
LED TP T9C/AC/22-15W/8XX	15W
LED TP T9C/AC/32-20W/8XX	20W
LED TP T9C/AC/40-30W/8XX	30W
Luminous Flux (Useful Luminous Flux) [lm]	
15W	1500lm @3000K
	1520lm @4000K
	1540lm @6500K
20W	2080lm @3000K
	2100lm @4000K
	2120lm @6500K
30W	3200lm @3000K
	3220lm @4000K
	3240lm @6500K
Performance	
SCDM	<6
Chromaticity coordinates [x, y]	0.44, 0.403@3000K / 0.38, 0.38@4000K / 0.312, 0.335@6500K
Efficacy [lm/W]	100-108
Color Rendering Index [Ra]	80
R9 colour rendering index value	2
Beam Angle [°]	180
Rated Life, Ta@25°C [hrs]	15,000
Lamp Survival Factor	0.9
Lumen Maintenance	0.93
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 D1 [mm]	Ø30
Diameter D [mm]	215 / 300 / 400
Base	G10q
Material	PC
Standard Compliance	
CE-LVD	EN60598-1, EN60598-2-2
CE-EMC	EN55015, EN61547, EN61000-3-2, EN61000-3-3

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Environment	RoHS
Mercury Content [mg]	0.0
Energy Class	F
Other	
Dimmable [Yes/Only with specific dimmers/No]	No
Operation Temperature	-20°C ~ 50°C
Storage Temperature	-10°C ~ 30°C
Claim of Equivalent Power, 15W [W]	22W
Claim of Equivalent Power, 20W [W]	32W
Claim of Equivalent Power, 30W [W]	40W
Energy Consumption in on-mode [kWh/1000h]	15kWh / 20kWh / 30kWh