PHILIPS

MASTER TL-E Circular Super 80

TLE8



Circular shaped fluorescent lighting with improved color rendering

This circular TL lamp (tube diameter 29 mm) enables omni-directional light distribution. It is suitable for use in a wide range of luminaires for various purposes, including decorative ones, in ‘human’ applications such as schools, offices, shops and homes, and for lighting of residential areas.

Benefits

- /80 colors have good color rendering and high efficacy compared with standard colors
- Symmetrical, omnidirectional light distribution
- Create atmospheres from warm white to cool daylight

Applications

- Suitable for use in a wide range of luminaires for various purposes, including decorative luminaires
- Ideal for ‘human' applications such as schools, offices, shops and homes

Features

- Available in various color designations
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

Versions

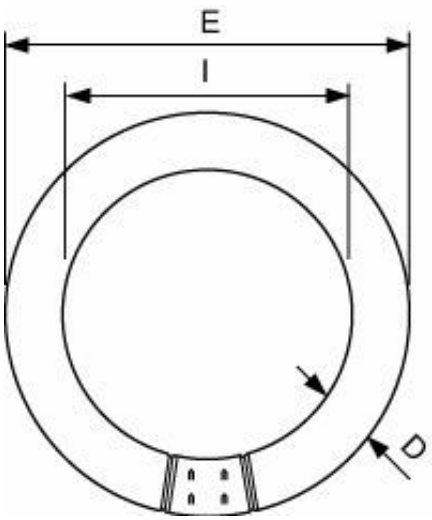
TL-E 1CT



LPPR TL-E8 G10q



Dimensional drawing



Product	D (max)	D (min)	E (min)	E (max)	I (min)	I (max)
32 W G10q Cool daylight Circular fluorescent	30.9 mm	27.1 mm	299.0 mm	303.5 mm	241.0 mm	246.0 mm
32 W G10q Cool white Circular fluorescent	30.9 mm	27.1 mm	299.0 mm	303.5 mm	241.0 mm	246.0 mm
TL-E 22W/840 1CT/12	30.9 mm	26.2 mm	205.0 mm	213.5 mm	149.1 mm	155.6 mm
TL-E 22W/865 1CT/12	30.9 mm	26.2 mm	205.0 mm	213.5 mm	149.1 mm	155.6 mm
TL-E 32W/830 1CT/12	30.9 mm	27.1 mm	299.0 mm	303.5 mm	241.0 mm	246.0 mm
TL-E 32W/840 1CT/12	30.9 mm	27.1 mm	299.0 mm	303.5 mm	241.0 mm	246.0 mm
TL-E 32W/865 1CT/12	30.9 mm	27.1 mm	299.0 mm	303.5 mm	241.0 mm	246.0 mm
TL-E 40W/830 1CT/12	30.9 mm	27.1 mm	393.7 mm	406.4 mm	341.0 mm	347.7 mm
TL-E 40W/840 1CT/12	30.9 mm	27.1 mm	393.7 mm	406.4 mm	341.0 mm	347.7 mm
TL-E 40W/865 1CT/12	30.9 mm	27.1 mm	393.7 mm	406.4 mm	341.0 mm	347.7 mm

General Information

Cap-Base	G10q

Light Technical

Color rendering index (CRI)	80

Controls and Dimming

Dimmable	Yes

Mechanical and Housing

Bulb Shape	C-T29

Approval and Application

Mercury (Hg) Content (Max)	8 mg
Mercury (Hg) Content (Nom)	8 mg

General Information

Order Code	Full Product Name	Nominal lifetime
928026384040	32 W G10q Cool white Circular fluorescent	15,000 hour(s)
928026386574	32 W G10q Cool daylight Circular fluorescent	8,000 hour(s)
928026284070	TL-E 22W/840 1CT/12	-
928026286570	TL-E 22W/865 1CT/12	-
928026383070	TL-E 32W/830 1CT/12	-
928026384070	TL-E 32W/840 1CT/12	-
928026386570	TL-E 32W/865 1CT/12	-
928027483070	TL-E 40W/830 1CT/12	-
928027484070	TL-E 40W/840 1CT/12	-
928027486570	TL-E 40W/865 1CT/12	-

Light Technical

Order Code	Full Product Name	Luminous Flux	Color Designation	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)
928026384040	32 W G10q Cool white Circular fluorescent	2,375 lm	Cool White (CW)	-	-	4000 K	74 lm/W
928026386574	32 W G10q Cool daylight Circular fluorescent	2,310 lm	Cool Daylight	-	-	6500 K	72 lm/W
928026284070	TL-E 22W/840 1CT/12	1,285 lm	Cool White (CW)	0.38	0.38	4000 K	59 lm/W
928026286570	TL-E 22W/865 1CT/12	1,250 lm	Cool Daylight	0.313	0.337	6500 K	57 lm/W
928026383070	TL-E 32W/830 1CT/12	2,375 lm	Warm White (WW)	0.44	0.403	3000 K	74 lm/W
928026384070	TL-E 32W/840 1CT/12	2,375 lm	Cool White (CW)	0.38	0.38	4000 K	74 lm/W
928026386570	TL-E 32W/865 1CT/12	2,310 lm	Cool Daylight	0.313	0.337	6500 K	72 lm/W
928027483070	TL-E 40W/830 1CT/12	3,200 lm	Warm White (WW)	0.44	0.403	3000 K	80 lm/W
928027484070	TL-E 40W/840 1CT/12	3,200 lm	Cool White (CW)	0.38	0.38	4000 K	80 lm/W
928027486570	TL-E 40W/865 1CT/12	3,070 lm	Cool Daylight	0.313	0.337	6500 K	78 lm/W

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Lamp Current (Nom)	Voltage (Nom)
928026384040	32 W G10q Cool white Circular fluorescent	32.0 W	0.450 A	81 V

Order Code	Full Product Name	Power Consumption	Lamp Current (Nom)	Voltage (Nom)
928026386574	32 W G10q Cool daylight Circular fluorescent	32.0 W	0.450 A	81 V
928026284070	TL-E 22W/840 1CT/12	22.2 W	0.400 A	62 V
928026286570	TL-E 22W/865 1CT/12	22.2 W	0.400 A	62 V
928026383070	TL-E 32W/830 1CT/12	32.8 W	0.450 A	81 V
928026384070	TL-E 32W/840 1CT/12	32.8 W	0.450 A	81 V
928026386570	TL-E 32W/865 1CT/12	32.8 W	0.450 A	81 V
928027483070	TL-E 40W/830 1CT/12	40.8 W	0.420 A	110 V
928027484070	TL-E 40W/840 1CT/12	40.8 W	0.420 A	110 V
928027486570	TL-E 40W/865 1CT/12	40.8 W	0.420 A	110 V

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
928026384040	32 W G10q Cool white Circular fluorescent	35 kWh
928026386574	32 W G10q Cool daylight Circular fluorescent	35 kWh
928026284070	TL-E 22W/840 1CT/12	23 kWh
928026286570	TL-E 22W/865 1CT/12	23 kWh
928026383070	TL-E 32W/830 1CT/12	33 kWh
928026384070	TL-E 32W/840 1CT/12	33 kWh
928026386570	TL-E 32W/865 1CT/12	33 kWh
928027483070	TL-E 40W/830 1CT/12	41 kWh
928027484070	TL-E 40W/840 1CT/12	41 kWh
928027486570	TL-E 40W/865 1CT/12	41 kWh

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