



Circular shaped fluorescent lighting with improved color rendering

MASTER TL-E Circular Super 80

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

Features

- Available in various color designations

Application

- 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

Warnings and Safety

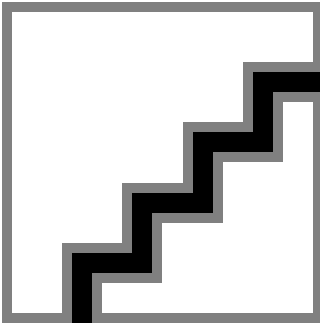
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

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Versions



Dimensional drawing



Product	D (max)	D (min)	E (min)	E (max)	I (min)	I (max)
TL-E 32W/830	30.9 mm	27.1 mm	299.0	303.5 mm	241.0 mm	246.0 mm
1CT/20			mm			
TL-E 32W/865	30.9 mm	27.1 mm	299.0	303.5 mm	241.0 mm	246.0 mm
1CT/20			mm			

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Approval and Application

Energy Consumption kWh/1000 h	35 kWh
Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	8 mg

Controls and Dimming

Dimmable	yes
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Operating and Electrical

Lamp Current (Nom)	0.450 A
Voltage (Nom)	81 V
Power (Rated) (Nom)	32.0 W

General Information

Cap-Base	G10Q
Life To 50% Failures (Nom)	13000 h
LSF 2000 h Rated	98 %
LSF 4000 h Rated	77 %
LSF 6000 h Rated	60 %
LSF 8000 h Rated	45 %

Light Technical

Colour Rendering Index (Nom)	80
LLMF 2000 h Rated	84 %
LLMF 4000 h Rated	79 %
LLMF 6000 h Rated	75 %
LLMF 8000 h Rated	73 %

Mechanical and Housing

Bulb Shape	C-T9
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Temperature

Design Temperature (Nom)	25 °C
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Light Technical (1/2)

Order Code	Full Product Name	Colour Code	Colour Designation	Correlated Colour Temperature (Nom)	Luminous Efficacy (rated) (Nom)
928026383074	TL-E 32W/830 1CT/20	830	Warm white (WW)	3000 K	74 lm/W
928026386574	TL-E 32W/865 1CT/20	865	Cool Daylight	6500 K	72 lm/W

Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux (Nom)	Luminous Flux (Rated)
928026383074	TL-E 32W/830 1CT/20	2375 lm	2375 lm

Order Code	Full Product Name	Luminous Flux (Nom)	Luminous Flux (Rated)
928026386574	TL-E 32W/865 1CT/20	2310 lm	2310 lm

