



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.

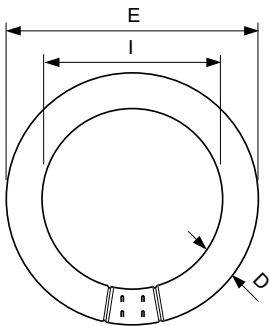
MASTER TL-E Circular Super 80

Versions



TL-E 1CT

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

MASTER TL-E Circular Super 80

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 (Nom)	8 mg

General Information

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

Light Technical

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

Operating and Electrical

Order Code	Full Product Name	Lamp			Order Code	Full Product Name	Lamp		
		Current (Nom)	Voltage (Nom)	Power Consumption			Current (Nom)	Voltage (Nom)	Power Consumption
928026384040	32 W G10q Cool white Circular fluorescent	0.450 A	81 V	32.0 W	928026286570	TL-E 22W/865 1CT/12	0.400 A	62 V	22.2 W
928026386574	32 W G10q Cool daylight Circular fluorescent	0.450 A	81 V	32.0 W	928026383070	TL-E 32W/830 1CT/12	0.450 A	81 V	32.8 W
928026284070	TL-E 22W/840 1CT/12	0.400 A	62 V	22.2 W	928026384070	TL-E 32W/840 1CT/12	0.450 A	81 V	32.8 W
					928026386570	TL-E 32W/865 1CT/12	0.450 A	81 V	32.8 W
					928027483070	TL-E 40W/830 1CT/12	0.420 A	110 V	40.8 W

MASTER TL-E Circular Super 80

Order Code	Full Product Name	Lamp		
		Current (Nom)	Voltage (Nom)	Power Consumption
928027484070	TL-E 40W/840 1CT/12	0.420 A	110 V	40.8 W

Order Code	Full Product Name	Lamp		
		Current (Nom)	Voltage (Nom)	Power Consumption
928027486570	TL-E 40W/865 1CT/12	0.420 A	110 V	40.8 W

Approval and Application

Order Code	Full Product Name	Energy Consumption	Mercury (Hg)
		kWh/1000 h	Content (Max)
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	8 mg
928026286570	TL-E 22W/865 1CT/12	23 kWh	8 mg

Order Code	Full Product Name	Energy Consumption	Mercury (Hg)
		kWh/1000 h	Content (Max)
928026383070	TL-E 32W/830 1CT/12	33 kWh	8 mg
928026384070	TL-E 32W/840 1CT/12	33 kWh	8 mg
928026386570	TL-E 32W/865 1CT/12	33 kWh	8 mg
928027483070	TL-E 40W/830 1CT/12	41 kWh	8 mg
928027484070	TL-E 40W/840 1CT/12	41 kWh	8 mg
928027486570	TL-E 40W/865 1CT/12	41 kWh	8 mg

