



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

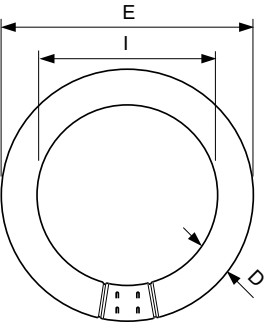
- Suitable for use in a wide range of luminaires for various purposes, including decorative luminaires
- Ideal for 'human' applications such as schools, offices, shops and homes

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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Dimensional drawing



Product	D (max)	D (min)	E (min)	E (max)	I (min)	I (max)
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/830 1CT/20	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/840 1CT/20	30.9 mm	27.1 mm	299.0 mm	303.5 mm	241.0 mm	246.0 mm
TL-E 32W/840 1CT/4	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 32W/865 1CT/20	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 (Nom)	8 mg

General Information

Order Code	Full Product Name	Nominal lifetime
928026284070	TL-E 22W/840 1CT/12	-
928026286570	TL-E 22W/865 1CT/12	-
928026383070	TL-E 32W/830 1CT/12	-
928026383074	TL-E 32W/830 1CT/20	8,000 hour(s)
928026384040	TL-E 32W/840 1CT/4	15,000 hour(s)
928026384070	TL-E 32W/840 1CT/12	-

Order Code	Full Product Name	Nominal lifetime
928026384074	TL-E 32W/840 1CT/20	8,000 hour(s)
928026386570	TL-E 32W/865 1CT/12	-
928026386574	TL-E 32W/865 1CT/20	8,000 hour(s)
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	Chromaticity	Chromaticity	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
		Coordinate X (Nom)	Coordinate Y (Nom)			
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

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Order Code	Full Product Name	Chromaticity		Chromaticity		Correlated Color		Luminous Efficacy (rated)	
		Coordinate X (Nom)	Coordinate Y (Nom)	Color Designation	Temperature (Nom)	Temperature (Nom)		(Nom)	Luminous Flux
928026383074	TL-E 32W/830 1CT/20	-	-	Warm White (WW)	3000 K			74 lm/W	2,375 lm
928026384040	TL-E 32W/840 1CT/4	-	-	Cool White (CW)	4000 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
928026384074	TL-E 32W/840 1CT/20	-	-	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
928026386574	TL-E 32W/865 1CT/20	-	-	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		
		Current (Nom)	Voltage (Nom)	Power Consumption
928026284070	TL-E 22W/840 1CT/12	0.400 A	62 V	22.2 W
928026286570	TL-E 22W/865 1CT/12	0.400 A	62 V	22.2 W
928026383070	TL-E 32W/830 1CT/12	0.450 A	81 V	32.8 W
928026383074	TL-E 32W/830 1CT/20	0.450 A	81 V	32.0 W
928026384040	TL-E 32W/840 1CT/4	0.450 A	81 V	32.0 W
928026384070	TL-E 32W/840 1CT/12	0.450 A	81 V	32.8 W

Order Code	Full Product Name	Lamp		
		Current (Nom)	Voltage (Nom)	Power Consumption
928026384074	TL-E 32W/840 1CT/20	0.450 A	81 V	32.0 W
928026386570	TL-E 32W/865 1CT/12	0.450 A	81 V	32.8 W
928026386574	TL-E 32W/865 1CT/20	0.450 A	81 V	32.0 W
928027483070	TL-E 40W/830 1CT/12	0.420 A	110 V	40.8 W
928027484070	TL-E 40W/840 1CT/12	0.420 A	110 V	40.8 W
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)	
928026284070	TL-E 22W/840 1CT/12	23 kWh		8 mg	
928026286570	TL-E 22W/865 1CT/12	23 kWh		8 mg	
928026383070	TL-E 32W/830 1CT/12	33 kWh		8 mg	
928026383074	TL-E 32W/830 1CT/20	35 kWh		-	
928026384040	TL-E 32W/840 1CT/4	35 kWh		-	
928026384070	TL-E 32W/840 1CT/12	33 kWh		8 mg	

Order Code	Full Product Name	Energy Consumption		Mercury (Hg)	
		kWh/1000 h		Content (Max)	
928026384074	TL-E 32W/840 1CT/20	35 kWh		-	
928026386570	TL-E 32W/865 1CT/12	33 kWh		8 mg	
928026386574	TL-E 32W/865 1CT/20	35 kWh		-	
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	

