



# MASTER TL-E Circular Super 80



# TL-E 32W/830 1CT/12

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.

#### **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.

#### **Product data**

General information	
Cap-Base	G10Q [ 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 %
Flux measurement reference	Sphere
Light technical	
Color Code	830 [ CCT of 3000K]
Luminous Flux (Nom)	2375 lm
Luminous Flux (Rated) (Nom)	2375 lm
Color Designation	Warm White (WW)
Chromaticity Coordinate X (Nom)	0.44
Chromaticity Coordinate Y (Nom)	0.403

Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	74 lm/W
Color Rendering Index (Nom)	80
LLMF 2000 h Rated	84 %
LLMF 4000 h Rated	79 %
LLMF 6000 h Rated	75 %
LLMF 8000 h Rated	73 %
Operating and electrical	
Power (Nom)	32.8 W
Lamp Current (Nom)	0.450 A
Voltage (Nom)	81 V
Temperature	
Design Temperature (Nom)	25 °C

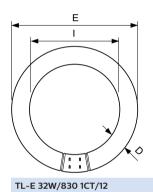
Datasheet, 2022, September 11 data subject to change

# **MASTER TL-E Circular Super 80**

Controls and dimming		
Dimmable	Yes	
Mechanical and housing		
Bulb Shape	C-T9 [ C-T9 29 mm]	
Approval and application		
Energy Efficiency Class	G	
Mercury (Hg) Content (Max)	8 mg	
Mercury (Hg) Content (Nom)	8 mg	
Energy Consumption kWh/1000 h	33 kWh	
EPREL Registration Number	423508	
-		

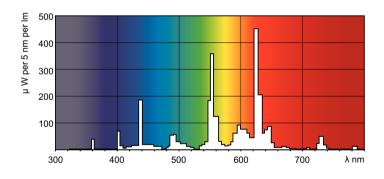
Product data	
Full product code	871150055967815
Order product name	TL-E 32W/830 1CT/12
EAN/UPC - Product	8711500559678
Order code	928026383070
Numerator - Quantity Per Pack	1
Local code description	3835239
Numerator - Packs per outer box	12
Material Nr. (12NC)	928026383070
Net Weight (Piece)	0.180 kg
ILCOS Code	FSC-32/30/1B-E-G10q-29/299

### 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 mm	303.5 mm	241.0 mm	246.0 mm
1CT/12						

#### Photometric data



LDPB\_TL-E8\_830-Spectral power distribution B/W

LDPO\_TL-E8\_830-Spectral power distribution Colour

# **MASTER TL-E Circular Super 80**



© 2022 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.