PHILIPS Lighting



G ^A

MASTER TL-E Circular Super 80

TL-E 22W/840 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	80 %			
LSF 4000 h Rated	74 %			
LSF 6000 h Rated	70 %			
LSF 8000 h Rated	67 %			
Flux measurement reference	Sphere			
Light technical				
Color Code	840 [CCT of 4000K]			
Luminous Flux (Nom)	1285 lm			
Luminous Flux (Rated) (Nom)	1285 lm			
Color Designation	Cool White (CW)			
Chromaticity Coordinate X (Nom)	0.38			
Chromaticity Coordinate Y (Nom)	0.38			

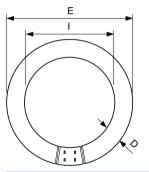
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	59 lm/W
Color Rendering Index (Nom)	80
LLMF 2000 h Rated	90 %
LLMF 4000 h Rated	87 %
LLMF 6000 h Rated	85 %
LLMF 8000 h Rated	84 %
Operating and electrical	
Power (Nom)	22.2 W
Lamp Current (Nom)	0.400 A
Voltage (Nom)	62 V
Temperature	
Design Temperature (Nom)	25 °C

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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	23 kWh			
EPREL Registration Number	423506			

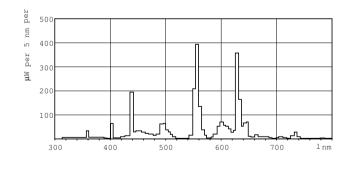
Product data			
Full product code	872790084050600		
Order product name	TL-E 22W/840 1CT/12		
EAN/UPC - Product	8727900840506		
Order code	928026284070		
Numerator - Quantity Per Pack	1		
Numerator - Packs per outer box	12		
Material Nr. (12NC)	928026284070		
Net Weight (Piece)	0.110 kg		
ILCOS Code	FSC-22/40/1B-E-G10q-29/210		

Dimensional drawing



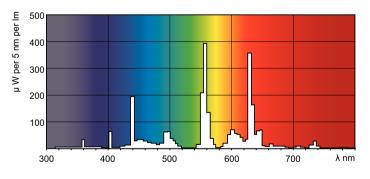
TL-E 22W/840 1CT/12

Photometric data



LDPB_TL-E8_840-Spectral power distribution B/W

Product	D (max)	D (min)	E (min)	E (max)	l (min)	l (max)
TL-E 22W/840	30.9 mm	26.2 mm	205.0 mm	213.5 mm	149.1 mm	155.6 mm
1CT/12						





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