



# MASTER TL5 Circular

## TL5C 22W/840 1CT/10

This circular TL5 lamp (tube diameter 16 mm) offers extended design possibilities. The slim tube allows the creation of extremely flat luminaires and enables omnidirectional light distribution. It is suitable for a wide range of professional and semi-professional applications, and is ideal for use in shops, offices and public areas with unconventional layouts.

### 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.
- Lamp contains mercury. Manage in Accord with Disposal Laws. See: [www.lamprecycle.org](http://www.lamprecycle.org) or 1-800-555-0050

### Product data

General Information	
Base	2GX13 [ 2GX13]
Life to 50% Failures Preheat (Nom)	12000 h
LSF Preheat 2000 h Rated	99 %
LSF Preheat 4000 h Rated	99 %
LSF Preheat 6000 h Rated	96 %
LSF Preheat 8000 h Rated	89 %
LSF Preheat 16000 h Rated	10 %
LSF Preheat 20000 h Rated	1 %
Flux measurement reference	Sphere
Light Technical	
Color Code	841 [ CCT of 4100K]
Initial lumen (Nom)	1800 lm
Luminous Flux (Rated) (Nom)	1800 lm
Color Designation	Cool White (CW)

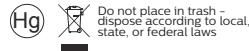
Chromaticity Coordinate X (Nom)	0.38
Chromaticity Coordinate Y (Nom)	0.38
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	82 lm/W
Color Rendering Index (Nom)	81
LLMF 2000 h Rated	91 %
LLMF 4000 h Rated	87 %
LLMF 6000 h Rated	84 %
LLMF 8000 h Rated	81 %
LLMF 12000 h Rated	77 %
LLMF 16000 h Rated	74 %
LLMF 20000 h Rated	72 %

Operating and Electrical	
Power (Rated) (Nom)	23.5 W

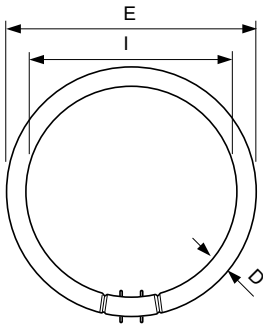
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Lamp Current (Nom)	0.300 A
<b>Controls and Dimming</b>	
Dimmable	Yes
<b>Mechanical and Housing</b>	
Bulb Shape	C-T5 [ C-T 16 mm]
<b>Approval and Application</b>	
Energy Efficiency Class	G
Mercury (Hg) Content (Max)	4 mg
Mercury (Hg) Content (Nom)	4 mg
Energy Consumption kWh/1000 h	24 kWh
EPREL Registration Number	423619

<b>Product Data</b>	
Order product name	MASTER TL5 Circular 22W/840 1CT/10
EAN/UPC - Product	8711500642219
Order code	166009
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	927965084013
Net Weight (Piece)	80.000 g
ILCOS Code	FSCH-22/40/1B-L/P-2GX13-16



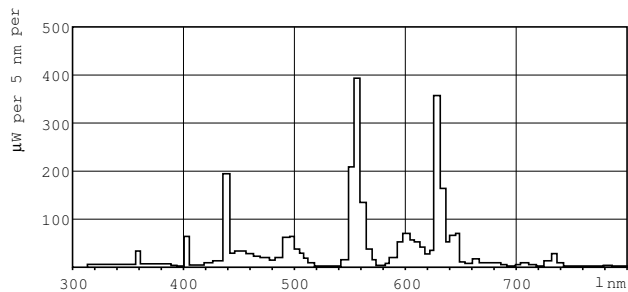
## Dimensional drawing



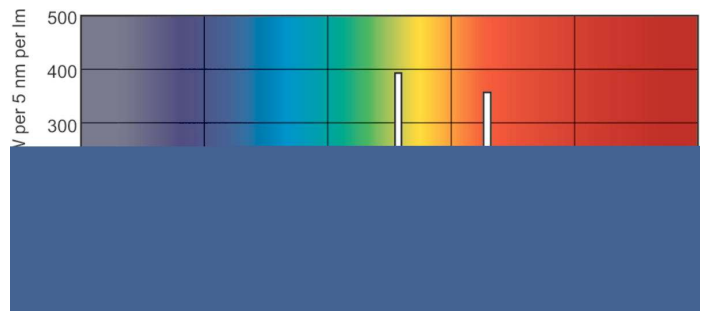
TL5-C 22W/840

Product	D (max)	D (min)	E (min)	E (max)	I (min)	I (max)
MASTER TL5 Circular 22W/840 1CT/10	18 mm	14 mm	220 mm	230 mm	187 mm	197 mm

## Photometric data



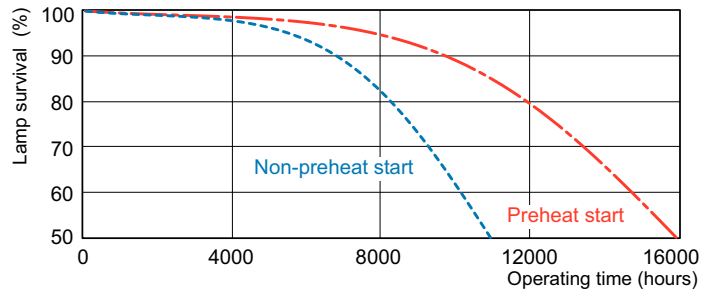
LDPB\_TL5-C8\_840-Spectral power distribution B/W



LDPO\_TL5-C8\_840-Spectral power distribution Colour

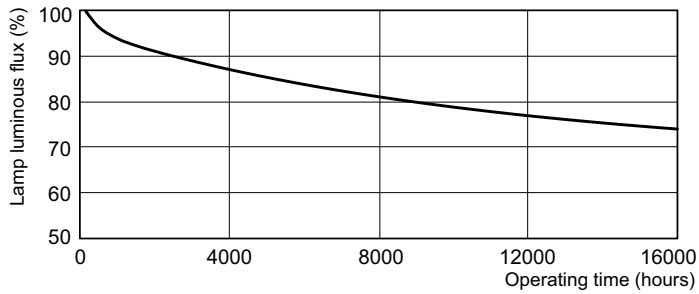
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## Lifetime



LDLE\_TL5-C8\_0001-Life expectancy diagram

LDLE\_TL5-C8\_0002-Life expectancy diagram



LDLM\_TL5-C8\_0001-Lumen maintenance diagram

