

PHILIPS

Lighting



MASTER TL5 Circular

MASTER TL5 Circular 40W/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.

Product data

General Information	
Cap-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 %
Light Technical	
Color Code	840 [CCT of 4000K]
Luminous Flux (Nom)	3300 lm
Luminous Flux (Rated) (Nom)	3300 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	83 lm/W
Color Rendering Index (Max)	85
Color Rendering Index (Min)	80
Color Rendering Index (Nom)	85
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)	39.9 W
Lamp Current (Nom)	0.320 A

Temperature	
Design Temperature (Nom)	35 °C

Controls and Dimming	
Dimmable	Yes

Approval and Application	
Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	2.5 mg
Energy Consumption kWh/1000 h	44 kWh

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Product Data

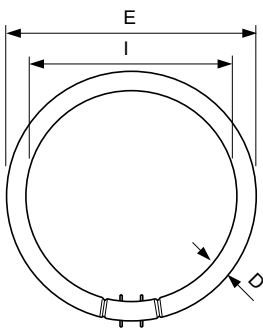
Full product code	871150064223325
Order product name	MASTER TL5 Circular 40W/840 1CT/10
EAN/UPC - Product	8711500642233
Order code	927965584013
Numerator - Quantity Per Pack	1

Numerator - Packs per outer box	10
Material Nr. (12NC)	927965584013
Net Weight (Piece)	110.000 g
ILCOS Code	FSCH-40/40/1B-L/P-2GX13-16

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.

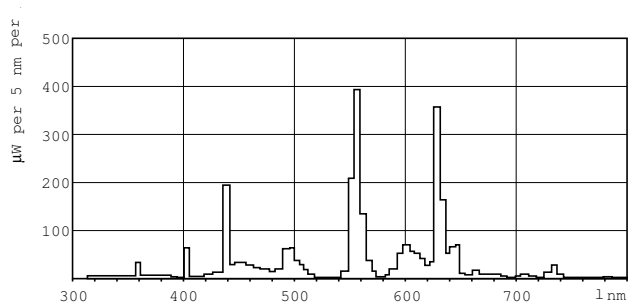
Dimensional drawing



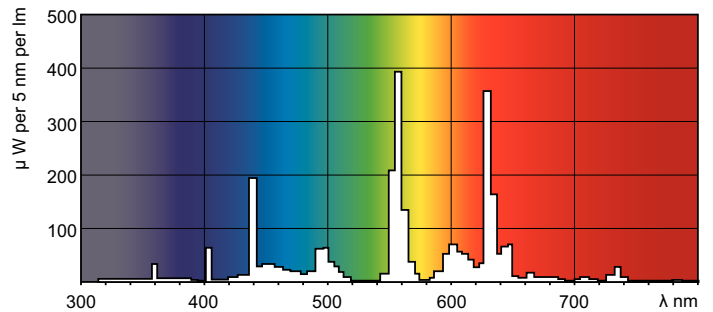
TL5-C 40W/840

Product	D (max)	D (min)	E (min)	E (max)	I (min)	I (max)
MASTER TL5 Circular 40W/840 1CT/10	18 mm	14 mm	293 mm	305 mm	260 mm	272 mm

Photometric data



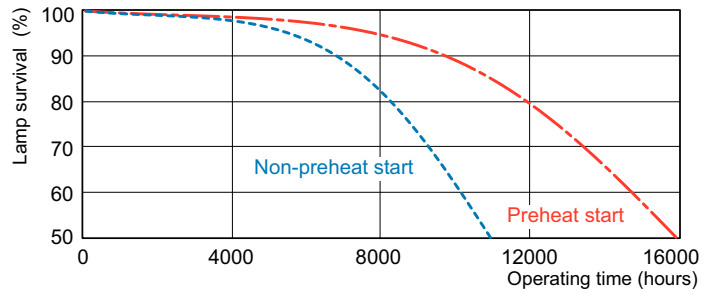
Lightcolor /840



Lightcolor /840

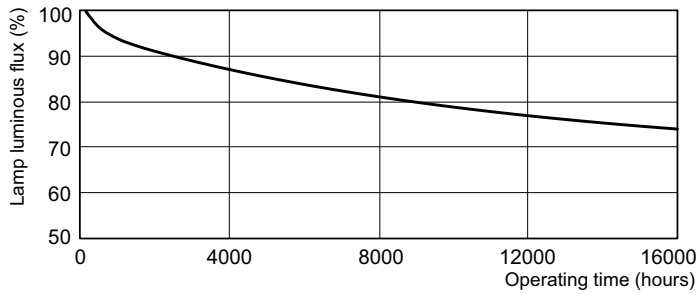
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Lifetime



MASTER TL5 Circular Life Expectancy 3 h cycle

MASTER TL5 Circular Life Expectancy 12 h cycle



MASTER TL5 Circular Lumen Maintenance 3 h + 12 h cycle

