



MASTER TL5 Circular

MASTER TL5 Circular 22W/827 1CT

This circular TL5 lamp (tube diameter 16 mm) offers extended design possibilities. The slim tube allows the creation of extremely flat luminaires and enables omni-directional 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 Characteristics

Cap-Base	2GX13
Bulb	C-T5 [C-T 16 mm]
Life to 10% fail	8000 hr
Preheat EL,3h	
Life to 50% fail	12000 hr
Preheat EL,3h	
LSF HF Preheat	99 %
2000h Rated,3h	
LSF HF Preheat	99 %
4000h Rated,3h	
LSF HF Preheat	96 %
6000h Rated,3h	
LSF HF Preheat	89 %
8000h Rated,3h	
LSF HF Preheat	50 %
12000h Rated,3h	
LSF HF Preheat	10 %
16000h Rated,3h	
LSF HF Preheat	1 %
20000h Rated,3h	

• Light Technical Characteristics

Color Code	827 [CCT of 2700K]
Color Rendering Index	85 Ra8
Color Designation (text)	Incandescent White
Color Temperature	2700 K
Luminous Flux EL	1800 Lm
25°C, Rated	
Luminous Flux EL	1800 Lm
25°C, Nominal	
Lum Efficacy Rated	82 Lm/W
HF 25°C	

LLMF HF 2000h	91 %
Rated	
LLMF HF 4000h	87 %
Rated	
LLMF HF 6000h	84 %
Rated	
LLMF HF 8000h	81 %
Rated	
LLMF HF 12000h	77 %
Rated	
LLMF HF 16000h	74 %
Rated	
LLMF HF 20000h	72 %
Rated	
Design Temperature	35 C
Chromaticity Coordinate X	463 -
Chromaticity Coordinate Y	420 -

• Electrical Characteristics

Lamp Wattage	22 W
Lamp Wattage EL	22.3 W
25°C, Rated	
Lamp Wattage EL	22 W
25°C, Nominal	
Lamp Voltage EL	75 V
25°C	
Lamp Current EL	0.300 A
25°C	
Dimmable	Yes

• Environmental Characteristics

Energy Efficiency Label (EEL)	A
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PHILIPS

MASTER TL5 Circular

Mercury (Hg) Content 2.5 mg
Energy consumption kWh/1000h 25 kWh

• Measuring Conditions

Calibration Current 0.300 A
HF Generator Rated Voltage 150 V
Resistor 250 ohm

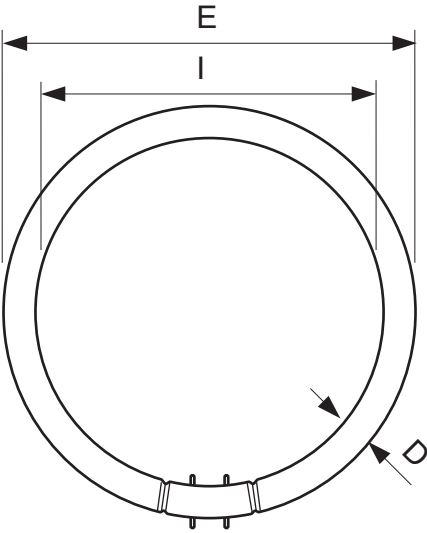
• Product Dimensions

Diameter D 14 (min), 18 (max) mm
Overall Width E 220 (min), 230 (max) mm
Inner Width I 187 (min), 197 (max) mm

• Product Data

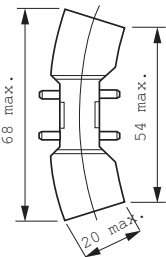
Order code 927965082713
Full product code 927965082713
Full product name MASTER TL5 Circular 22W/827 1CT
Order product name MASTER TL5 Circular 22W/827 1CT/10
Pieces per pack 1
Packing configuration 10
Packs per outerbox 10
Bar code on pack - EAN1 8711500642196
Bar code on outerbox - EAN3 8711500642202
Logistic code(s) - 12NC 927965082713
ILCOS code FSCH-22/27/1B-L/P-2GX13-16
Net weight per piece 74.000 gr

Dimensional drawing



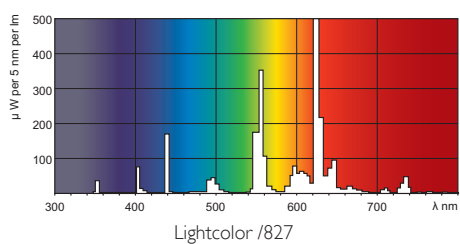
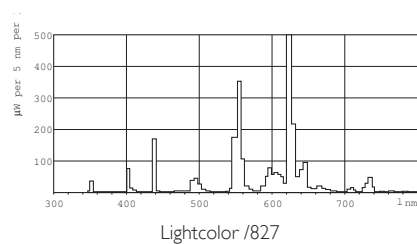
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Product	D (Min)	D (Max)	E (Min)	E (Max)	I (Min)	I (Max)
TL5-C 22W/827	14	18	220	230	187	197



2GX13

Photometric data



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data subject to change