

MASTER TL5 Circular

MASTER TL5 Circular 55W/840 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	840 [CCT of 4000K]
Color Rendering Index	80 (min), 85 (nom), 85 (max) Ra8
Color Designation (text)	Cool White
Color Temperature	4000 K
Luminous Flux EL 25°C, Rated	4200 Lm
Luminous Flux EL 25°C, Nominal	4200 Lm
Lum Efficacy Rated HF 25°C	76 Lm/W

LLMF HF 2000h Rated	91 %
LLMF HF 4000h Rated	87 %
LLMF HF 6000h Rated	84 %
LLMF HF 8000h Rated	81 %
LLMF HF 12000h Rated	77 %
LLMF HF 16000h Rated	74 %
LLMF HF 20000h Rated	72 %
Design Temperature	35 C
Chromaticity Coordinate X	380 -
Chromaticity Coordinate Y	380 -

• Electrical Characteristics

Lamp Wattage	55 W
Lamp Wattage EL 25°C, Rated	55.0 W
Lamp Wattage EL 25°C, Nominal	55 W
Lamp Voltage EL 25°C	101 V
Lamp Current EL 25°C	0.550 A
Dimmable	Yes

• Environmental Characteristics

Energy Efficiency Label (EEL)	A
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MASTER TL5 Circular

Mercury (Hg) Content 2.5 mg
 Energy consumption 61 kWh
 kWh/1000h

• **Measuring Conditions**

Calibration Current 0.550 A
 HF Generator Rated Voltage 202 V
 Resistor 185 ohm

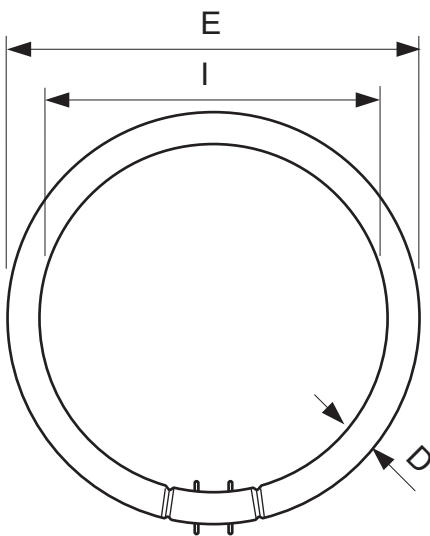
• **Product Dimensions**

Diameter D 14 (min), 18 (max) mm
 Overall Width E 293 (min), 305 (max) mm
 Inner Width I 260 (min), 272 (max) mm

• **Product Data**

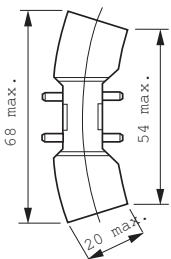
Order code 927965784013
 Full product code 927965784013
 Full product name MASTER TL5 Circular 55W/840 1CT
 Order product name MASTER TL5 Circular 55W/840 1CT/10
 Pieces per pack 1
 Packing configuration 10
 Packs per outerbox 10
 Bar code on pack - EAN1 8711500642516
 Bar code on outerbox - EAN3 8711500642523
 Logistic code(s) - 12NC 927965784013
 ILCOS code FSCH-55/40/1B-L/P-2GX13-16
 Net weight per piece 77.000 gr

Dimensional drawing



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Product	D (Min)	D (Max)	E (Min)	E (Max)	I (Min)	I (Max)
TL5-C 55W/840	14	18	293	305	260	272



2GX13

Photometric data



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data subject to change