

MASTER TL5 Circular

MASTER TL5 Circular 55W/840 1CT

16 mm tube diameter circular fluorescent lamps with a choice of various diameters



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

Colour Code	840 [CCT of 4000K]
Colour Rendering Index	80 (min), 85 (nom), 85 (max) Ra8
Colour Designation	Cool White
Colour Temperature	4000 K
Luminous Flux EL	4200 Lm
25°C, Rated	
Luminous Flux EL	4200 Lm
25°C, Nominal	
Lum Efficacy Rated	76 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	380 -
Chromaticity Coordinate Y	380 -

• Electrical Characteristics

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

• Environmental Characteristics

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content	2.5 mg

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MASTER TL5 Circular

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**

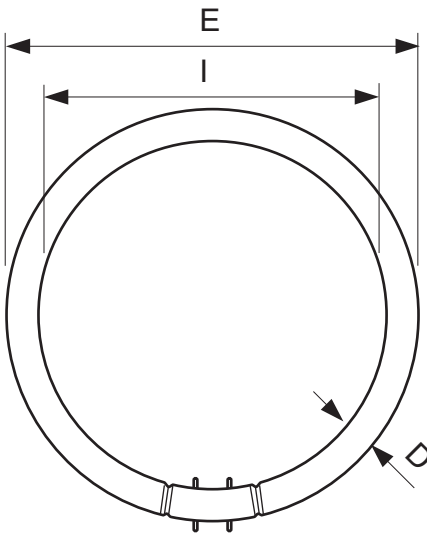
Order code 642516 25

Full product code 871150064251625
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

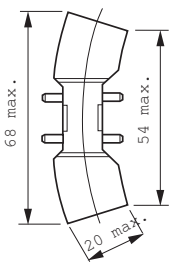
Bar code on outerbox - EAN3 8711500642523
Logistic code(s) - 12NC 927965784013
ILCOS code FSCH-55/40/1B-L/P-2GX13-16
Net weight per piece 77.000 gr

Dimensional drawing



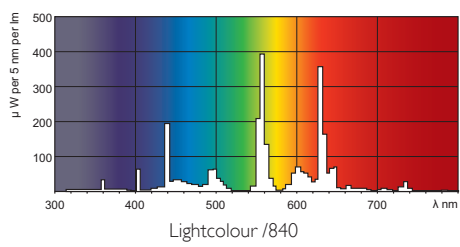
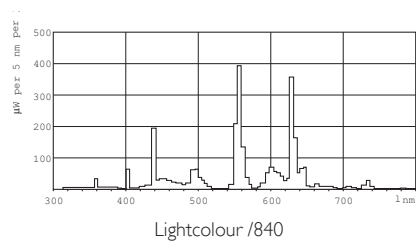
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Product	D (Min)	D (Max)	E (Min)	E (Max)	I (Min)	I (Max)
TL5-C 55W/840	14	18	293	305	260	272



2GX13

Photometric data



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data subject to change