



MASTER TL5 Circular

MASTER TL5 Circular 40W/830 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	830 [CCT of 3000K]
Color Rendering Index	85 Ra8
Color Designation (text)	Warm White
Color Temperature	3000 K
Luminous Flux EL	3300 Lm
25°C, Rated	
Luminous Flux EL	3300 Lm
25°C, Nominal	
Lum Efficacy Rated	83 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	440 -
Chromaticity Coordinate Y	403 -

• Electrical Characteristics

Lamp Wattage	40 W
Lamp Wattage EL	39.9 W
25°C, Rated	
Lamp Wattage EL	40 W
25°C, Nominal	
Lamp Voltage EL	126 V
25°C	
Lamp Current EL	0.320 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	44 kWh

• Measuring Conditions

Calibration Current	0.320 A
HF Generator Rated Voltage	254 V
Resistor	400 ohm

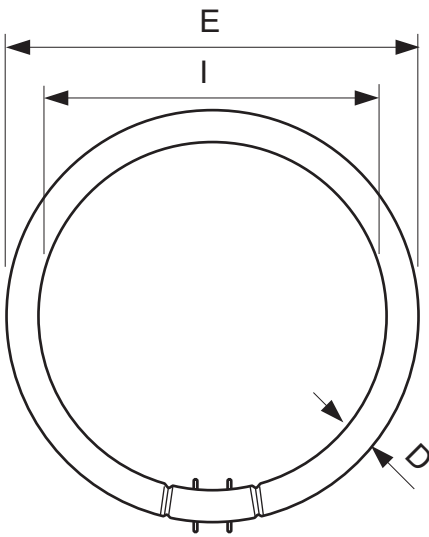
• Product Dimensions

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

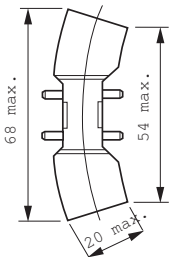
Order code	927965583013
Full product code	927965583013
Full product name	MASTER TL5 Circular 40W/830 1CT
Order product name	MASTER TL5 Circular 40W/830 1CT/10
Pieces per pack	1
Packing configuration	10
Packs per outerbox	10
Bar code on pack - EAN1	8711500640970
Bar code on outerbox - EAN3	8711500640987
Logistic code(s) - 12NC	927965583013
ILCOS code	FSCH-40/30/1B-L/P-2GX13-16
Net weight per piece	75.000 gr

Dimensional drawing



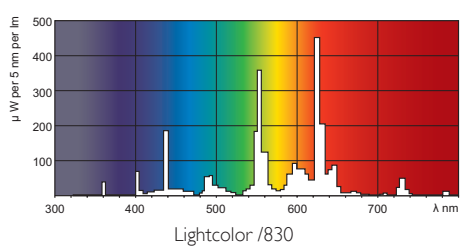
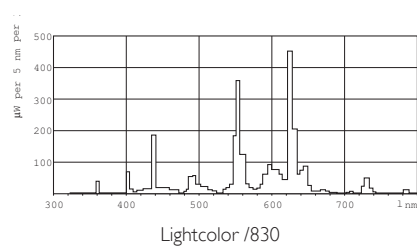
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Product	D (Min)	D (Max)	E (Min)	E (Max)	I (Min)	I (Max)
TL5-C 40W/830	14	18	293	305	260	272



2GX13

Photometric data



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data subject to change