



T5 Circular

55W/830 C-T5 1CT

Philips T5 Circular lamps are ultra-slim with improved color rendering, higher efficacy, and longer life. T5 HO circular lamps offer extraordinary light output.

Product data

• General Characteristics

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

• Light Technical Characteristics

Color Code	830 [CCT of 3000K]
Color Rendering Index	85 Ra8
Color Designation	Warm White
Color Temperature	3000 K
Chromaticity Coordinate X	440 -
Chromaticity Coordinate Y	403 -
Lum Efficacy Rated HF 25°C	76 Lm/W
LLMF HF 20000h Rated	72 %

LLMF HF 16000h Rated	74 %
LLMF HF 12000h Rated	77 %
LLMF HF 8000h Rated	81 %
LLMF HF 6000h Rated	84 %
LLMF HF 4000h Rated	87 %
LLMF HF 2000h Rated	91 %
Luminous Flux EL 25°C, Rated	4200 Lm
Luminous Flux EL 25°C, Nominal	4200 Lm
Design Temperature	35 C

• Electrical Characteristics

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

• Environmental Characteristics

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



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sense and simplicity

• Measuring Conditions

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

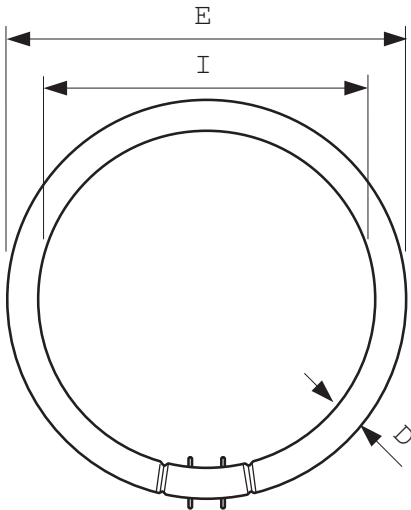
• Product Dimensions

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

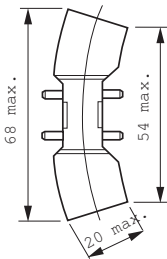
Product number	165936
Full product name	MASTER TL5 Circular 55W/830 1CT
Short product name	MASTER TL5 Circular 55W/830 1CT/10
Pieces per Sku	1
eop_pck_cfg	10
Skus/Case	10
Bar code on pack	8711500642790
Bar code on case	8711500642806
Logistics code(s)	927965783013
tpd_ilcos_cd	FSCH-55/30/1B-L/P-2GX13-16
eop_net_weight_pp	82.000 gr

Dimensional drawing



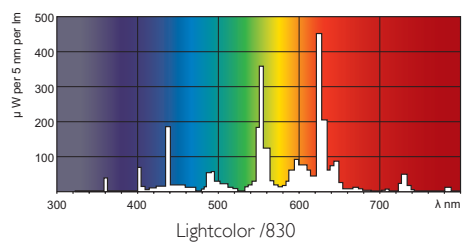
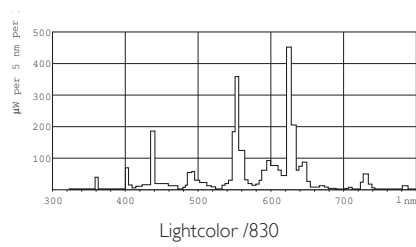
C-T5, 2GX13

Product	D (Min)	D (Max)	E (Min)	E (Max)	I (Min)	I (Max)
TL5-C 55W/830	14	18	293	305	260	272



2GX13

Photometric data



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data subject to change