



T5 Circular

22W/840 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]
Life to 10% fail	8000 hr
Preheat EL, 3h	
Rated Avg. Life	12000 hr
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	841 [CCT of 4100K]
Color Rendering Index	80 (min), 85 (nom), 85 (max) Ra8
Color Designation	Cool White
Color Temperature	4100 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	380 -
Chromaticity Coordinate Y	380 -

• Electrical Characteristics

Watts	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	A
Label (EEL)	
Mercury (Hg)	2.5 mg
Content	

PHILIPS

T5 Circular

Energy consumption 25 kWh
kWh/1000h

• Measuring Conditions

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

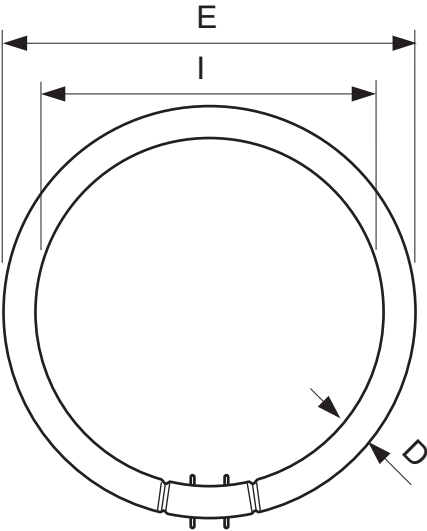
• Product Dimensions

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

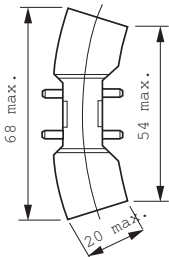
Product number 166009
Full product name MASTER TL5 Circular 22W/840 1CT
Short product name MASTER TL5 Circular 22W/840 1CT/10
Pieces per Sku 1
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Skus/Case 10
Bar code on pack 8711500642219
Bar code on case 8711500642226
Logistics code(s) 927965084013
tpd_ilcos_cd FSCH-22/40/1B-L/P-2GX13-16
eop_net_weight_pp 74.000 gr

Dimensional drawing



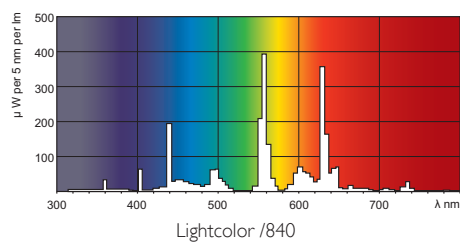
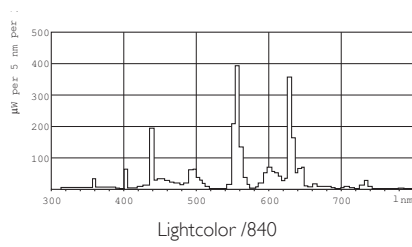
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Product	D (Min)	D (Max)	E (Min)	E (Max)	I (Min)	I (Max)
TL5-C 22W/840	14	18	220	230	187	197



2GX13

Photometric data



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data subject to change