

MASTER TL5 Circular

MASTER TL5 Circular 22W/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 | 80 (min), 85 (nom), 85 (max) Ra8 |
| Color Designation (text) | Warm White |
| Color Temperature | 3000 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 | 440 - |
| Chromaticity Coordinate Y | 403 - |

• Electrical Characteristics

| | |
|-----------------|---------|
| Lamp Wattage | 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 Label (EEL) | A |
|-------------------------------|---|

PHILIPS

MASTER TL5 Circular

Mercury (Hg) Content 2.5 mg
 Energy consumption 25 kWh
 kWh/1000h

• **Measuring Conditions**

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

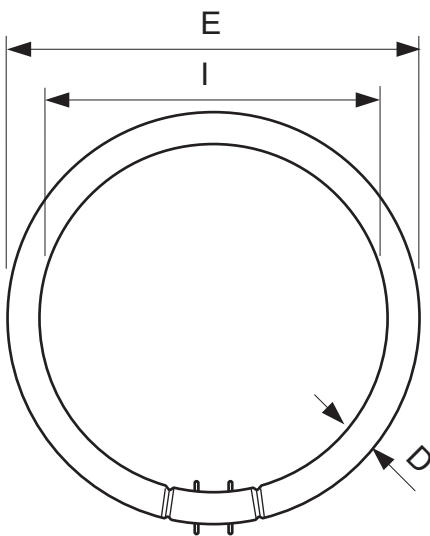
• **Product Dimensions**

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**

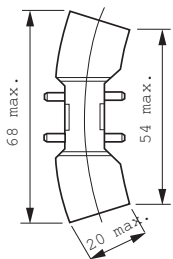
Order code 927965083013
 Full product code 927965083013
 Full product name MASTER TL5 Circular 22W/830 1CT
 Order product name MASTER TL5 Circular 22W/830 1CT/10
 Pieces per pack 1
 Packing configuration 10
 Packs per outerbox 10
 Bar code on pack - EAN1 8711500640956
 Bar code on outerbox - EAN3 8711500640963
 Logistic code(s) - 12NC 927965083013
 ILCOS code FSCH-22/30/1B-L/P-2GX13-16
 Net weight per piece 45.000 gr

Dimensional drawing



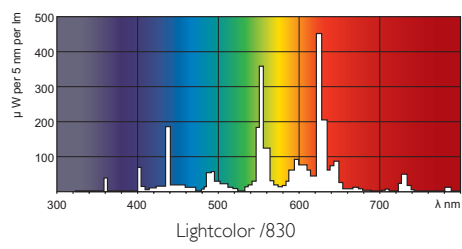
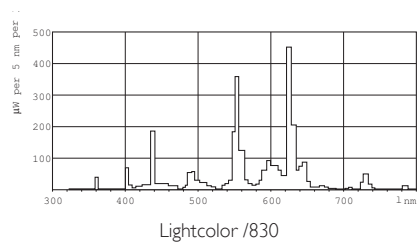
MASTER TL5 Circular 22W/830 1CT

| Product | D (Min) | D (Max) | E (Min) | E (Max) | I (Min) | I (Max) |
|---------------|---------|---------|---------|---------|---------|---------|
| TL5-C 22W/830 | 14 | 18 | 220 | 230 | 187 | 197 |



2GX13

Photometric data



© 2015 Koninklijke Philips N.V. (Royal Philips)
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

www.philips.com/lighting

2015, February 23
data subject to change