



MASTER TL5 Circular

MASTER TL5 Circular 22W/840 1CT/10

This circular TL5 lamp (tube diameter 16 mm) offers extended design possibilities. The slim tube allows the creation of extremely flat luminaires and enables omnidirectional 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.

Warnings and Safety

- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

Product data

| General Information | |
|------------------------------------|---------------------|
| Cap-Base | 2GX13 [2GX13] |
| Life to 50% Failures Preheat (Nom) | 12000 h |
| LSF Preheat 2000 h Rated | 99 % |
| LSF Preheat 4000 h Rated | 99 % |
| LSF Preheat 6000 h Rated | 96 % |
| LSF Preheat 8000 h Rated | 89 % |
| LSF Preheat 16000 h Rated | 10 % |
| LSF Preheat 20000 h Rated | 1 % |
| Flux measurement reference | Sphere |
| Light Technical | |
| Color Code | 840 [CCT of 4000K] |
| Luminous Flux (Nom) | 1800 lm |
| Luminous Flux (Rated) (Nom) | 1800 lm |
| Color Designation | Cool White (CW) |
| Chromaticity Coordinate X (Nom) | 0.38 |

| | |
|------------------------------------|---------|
| Chromaticity Coordinate Y (Nom) | 0.38 |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 82 lm/W |
| Color Rendering Index (Nom) | 81 |
| LLMF 2000 h Rated | 91 % |
| LLMF 4000 h Rated | 87 % |
| LLMF 6000 h Rated | 84 % |
| LLMF 8000 h Rated | 81 % |
| LLMF 12000 h Rated | 77 % |
| LLMF 16000 h Rated | 74 % |
| LLMF 20000 h Rated | 72 % |

| Operating and Electrical | |
|--------------------------|---------|
| Power (Nom) | 23.5 W |
| Lamp Current (Nom) | 0.300 A |

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Controls and Dimming

| | |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

Mechanical and Housing

| | |
|------------|--------------------|
| Bulb Shape | C-T5 [C-T5 16 mm] |
|------------|--------------------|

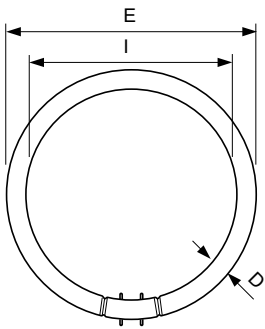
Approval and Application

| | |
|-------------------------------|--------|
| Energy Efficiency Class | G |
| Mercury (Hg) Content (Max) | 4 mg |
| Mercury (Hg) Content (Nom) | 4 mg |
| Energy Consumption kWh/1000 h | 24 kWh |
| EPREL Registration Number | 423619 |

Product Data

| | |
|---------------------------------|------------------------------------|
| Full product code | 871150064221925 |
| Order product name | MASTER TL5 Circular 22W/840 1CT/10 |
| EAN/UPC - Product | 8711500642219 |
| Order code | 927965084013 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 10 |
| Material Nr. (12NC) | 927965084013 |
| Net Weight (Piece) | 80.000 g |
| ILCOS Code | FSCH-22/40/1B-L/P-2GX13-16 |

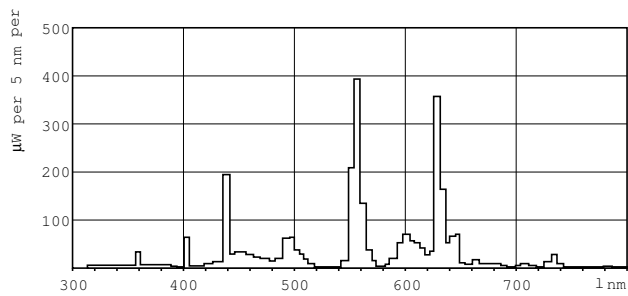
Dimensional drawing



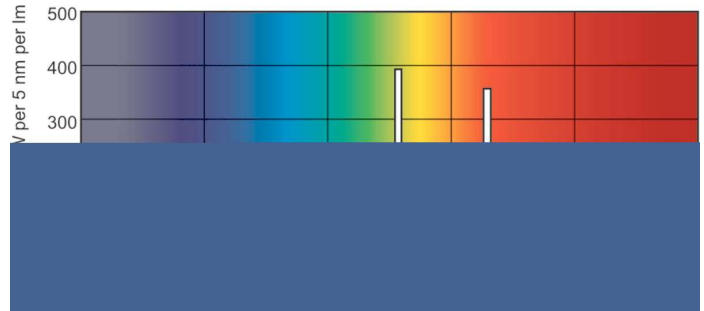
TL5-C 22W/840

| Product | D (max) | D (min) | E (min) | E (max) | I (min) | I (max) |
|---------------------------------------|---------|---------|---------|---------|---------|---------|
| MASTER TL5 Circular 22W/840 1CT/10 | 18 mm | 14 mm | 220 mm | 230 mm | 187 mm | 197 mm |

Photometric data



LDPB_TL5-C8_840-Spectral power distribution B/W



LDPO_TL5-C8_840-Spectral power distribution Colour

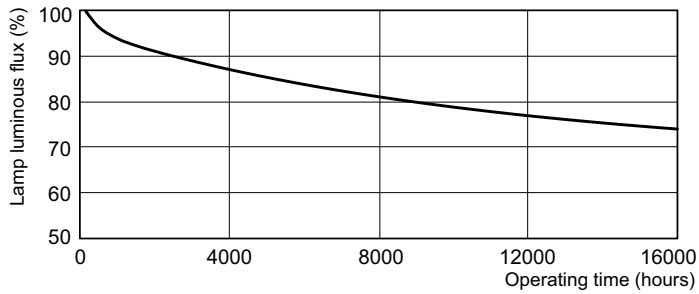
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Lifetime



LDLE_TL5-C8_0001-Life expectancy diagram

LDLE_TL5-C8_0002-Life expectancy diagram



LDLM_TL5-C8_0001-Lumen maintenance diagram

