



MASTER TL5 High Efficiency



MASTER TL5 HE 35W/865 SLV/40

Low-pressure mercury discharge lamps with a tubular 16 mm envelope

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 | G5 [G5] | Chromaticity coordinate X (nom.) | 0.313 |
| Life to 50% failures preheat (nom.) | 24000 h | Chromaticity coordinate Y (nom.) | 0.337 |
| Features | na [Not Applicable] | Colour Temperature, horizontal (Nom) | 6500 K |
| System description | High Efficiency | Lamp Luminous Efficacy EM (Nom) | 87 lm/W |
| LSF preheat 2,000 hours rated | 99 % | Colour Rendering Index,horiz (Max) | 85 |
| LSF preheat 4,000 hours rated | 99 % | Colour Rendering Index,horiz (Min) | 80 |
| LSF preheat 6,000 hours rated | 99 % | Colour Rendering Index,horiz (Nom) | 82 |
| LSF preheat 8,000 hours rated | 99 % | LLMF 2000 h Rated | 96 % |
| LSF preheat 16,000 hours rated | 97 % | LLMF 4000 h Rated | 95 % |
| LSF preheat 20,000 hours rated | 84 % | LLMF 6000 h Rated | 94 % |
| | Sphere | LLMF 8000 h Rated | 93 % |
| | | LLMF 12000 h Rated | 92 % |
| | | LLMF 16000 h Rated | 91 % |
| | | LLMF 20000 h Rated | 90 % |
| Light Technical | | Operating and Electrical | |
| Colour Code | 865 [CCT of 6,500 K] | Power (Rated) (Nom) | 34.9 W |
| Lamp Luminous Flux 25°C EL (Nom) | 3100 lm | Lamp current (nom.) | 0.175 A |
| Lamp Luminous Flux (Nom) | 3100 lm | | |
| Colour Designation | Cool Daylight | | |
| Luminous Efficacy (@ Max Lumen, Rated) (Nom) | 97 lm/W | | |

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| Temperature | |
|------------------------------------|------------------|
| Design temperature (nom.) | 35 °C |
| Controls and Dimming | |
| Dimmable | Yes |
| Mechanical and Housing | |
| Cap-base information | Green Plate |
| Bulb shape | T5 [16 mm (T5)] |
| Approval and Application | |
| Energy Efficiency Class | G |
| Mercury (Hg) content (max.) | 1.4 mg |
| Mercury (Hg) content (nom.) | 1.4 mg |
| Energy consumption kWh/1,000 hours | 35 kWh |

| | 423544 |
|-----------------------------------|------------------------------|
| Product Data | |
| Full product code | 871150071018555 |
| Order product name | MASTER TL5 HE 35W/865 SLV/40 |
| EAN/UPC – product | 8711500710185 |
| Order code | 927927086555 |
| SAP numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 40 |
| SAP material | 927927086555 |
| SAP net weight (piece) | 127.400 g |
| ILCOS code | FDH-35/65/1B-L/P-G5-16/1450 |

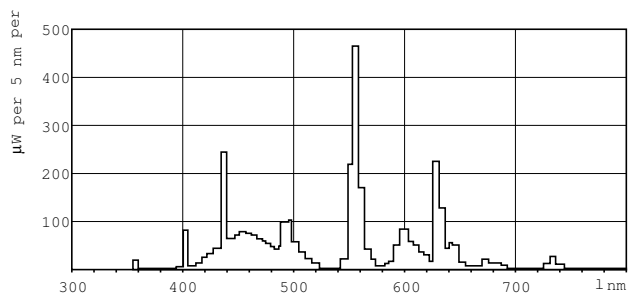
Dimensional drawing



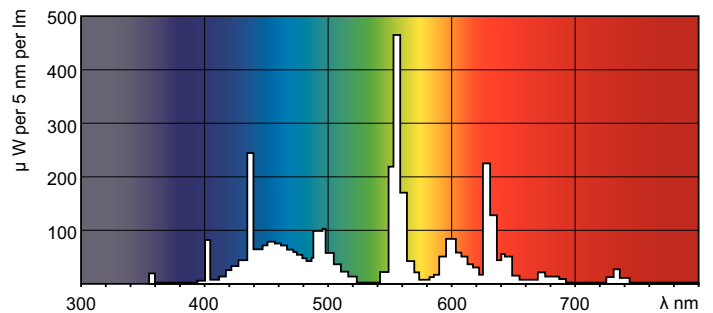
| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|---------------------------------|---------|-----------|-----------|-----------|-----------|
| MASTER TL5 HE 35W/865 SLV/40 | 17 mm | 1449.0 mm | 1456.1 mm | 1453.7 mm | 1463.2 mm |

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Photometric data



Lightcolour /865



Lightcolour /865

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Lifetime



LDLE_TL5-HE8_0001-Life expectancy diagram

LDLE_TL5-HE8_0002-Life expectancy diagram



LDLM_TL5-HE8_0001-Lumen maintenance diagram

