Datasheet, 2022, January 14

| Product data | | |
|--|-----------------------|------------|
| General Information | | Chromatio |
| Cap base | G5 [G5] | Chromatic |
| Life to 50% failures preheat (nom.) | 24000 h | Correlate |
| Features | na [Not Applicable] | Luminous |
| System description | High Efficiency | Color rene |
| LSF preheat 2,000 hours rated | 99 % | Colour-re |
| LSF preheat 4,000 hours rated | 99 % | Colour rei |
| LSF preheat 6,000 hours rated | 99 % | LLMF 200 |
| LSF preheat 8,000 hours rated | 99 % | LLMF 400 |
| LSF preheat 16,000 hours rated | 97 % | LLMF 600 |
| LSF preheat 20,000 hours rated | 84 % | LLMF 800 |
| | Sphere | LLMF 120 |
| | | LLMF 160 |
| Light Technical | | LLMF 200 |
| Colour Code | 865 [CCT of 6,500 K] | |
| Luminous flux (nom.) | 3100 lm | Operatir |
| Luminous flux (rated) (nom.) | 3100 lm | Power (Ra |
| Colour designation | Cool Daylight | Lamp cur |
| Luminous Efficacy (@ Max Lumen, Rated) (Nom) | 97 lm/W | |

| Chromaticity coordinate X (nom.) | 0.313 |
|-------------------------------------|---------|
| Chromaticity coordinate Y (nom.) | 0.337 |
| Correlated Colour Temperature (Nom) | 6500 K |
| Luminous efficacy (rated) (nom.) | 87 lm/W |
| Color rendering index (max.) | 85 |
| Colour-rendering index (min.) | 80 |
| Colour rendering index (nom.) | 82 |
| LLMF 2000 h Rated | 96 % |
| LLMF 4000 h Rated | 95 % |
| LLMF 6000 h Rated | 94 % |
| LLMF 8000 h Rated | 93 % |
| LLMF 12000 h Rated | 92 % |
| LLMF 16000 h Rated | 91 % |
| LLMF 20000 h Rated | 90 % |
| | |
| Operating and Electrical | |
| Power (Rated) (Nom) | 34.9 W |
| Lamp current (nom.) | 0.175 A |
| | |
| | |

MASTER TL5 High Efficiency

MASTER TL5 HE 35W/865 1SL/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.

| | G | A ↑ G |
|--|---|-------------|
| | | |



PHILIPS



MASTER TL5 High Efficiency

| Temperature | | | |
|------------------------------------|------------------|--|--|
| Design temperature (nom.) | 35 ℃ | | |
| | | | |
| 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 | | |
| | | | |

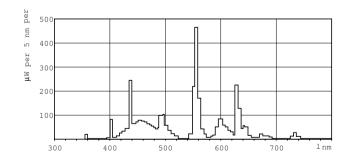
| | 423544 | |
|-----------------------------------|------------------------------|--|
| | | |
| Product Data | | |
| Full product code | 871150071018555 | |
| Order product name | MASTER TL5 HE 35W/865 SLV/40 | |
| EAN/UPC – product | 8711500710185 | |
| Order code | 71018555 | |
| SAP numerator – quantity 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

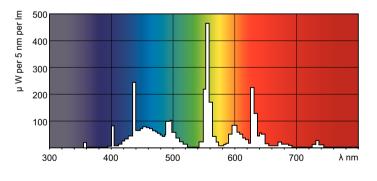
| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|----------------|---------|-----------|-----------|-----------|-----------|
| MASTER TL5 HE | 17 mm | 1449.0 mm | 1456.1 mm | 1453.7 mm | 1463.2 mm |
| 35W/865 SLV/40 | | | | | |
| | | | | | |

MASTER TL5 HE 35W/865 SLV/40

Photometric data



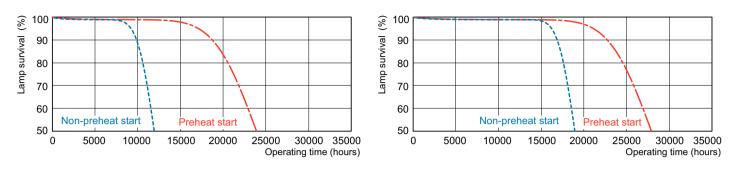
Lightcolour /865



Lightcolour /865

MASTER TL5 High Efficiency

Lifetime





LDLE_TL5-HE8_0002-Life expectancy diagram

LDLM_TL5-HE8_0001-Lumen maintenance diagram

LDLE_TL5-HE8_0001-Life expectancy diagram



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