

MASTER TL5 High Efficiency

MASTER TL5 HE 14W/840 1SL/20

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

Product data

| General Information | | | |
|--|-----------------------|--|--|
| Cap base | G5 [G5] | | |
| Life to 50% failures preheat (nom.) | 24000 h | | |
| Features | na [Not Applicable] | | |
| System description | High Efficiency | | |
| LSF Preheat 2000 h Rated | 99 % | | |
| LSF Preheat 4000 h Rated | 99 % | | |
| LSF Preheat 6000 h Rated | 99 % | | |
| LSF Preheat 8000 h Rated | 99 % | | |
| LSF Preheat 16000 h Rated | 97 % | | |
| LSF Preheat 20000 h Rated | 84 % | | |
| | | | |
| Light Technical | | | |
| Colour code | 840 [CCT of 4,000 K] | | |
| Luminous flux (nom.) | 1350 lm | | |
| Luminous flux (rated) (nom.) | 1200 lm | | |
| Colour designation | Cool White (CW) | | |
| Luminous efficacy (@ max. lumen, rated) (nom.) | 99 lm/W | | |
| Correlated colour temperature (nom.) | 4000 K | | |
| Luminous efficacy (rated) (nom.) | 86 lm/W | | |
| Color rendering index (max.) | 85 | | |
| Color rendering index (min.) | 80 | | |
| Color 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) | 14 W | |
| Lamp current (nom.) | 0.165 A | |
| | | |
| Temperature | | |
| Design temperature (nom.) | 35 ℃ | |
| | | |
| Controls and Dimming | | |
| Dimmable | yes | |
| | | |
| Mechanical and Housing | | |
| Cap base information | Green Plate | |
| | | |
| Approval and Application | | |
| Energy efficiency label (EEL) | A+ | |
| | | |

MASTER TL5 High Efficiency

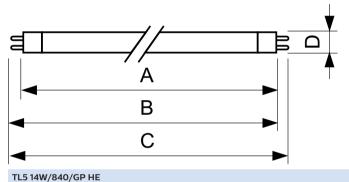
| Mercury (Hg) content (nom.) | 1.4 mg |
|-------------------------------|------------------------------|
| Energy Consumption kWh/1000 h | 15 kWh |
| | |
| Product Data | |
| Full product code | 871150063940005 |
| Order product name | MASTER TL5 HE 14W/840 1SL/20 |
| EAN/UPC – product | 8711500639400 |
| Order code | 63940005 |
| | |

| Local Code | MSTTL5HE14W840 |
|---------------------------------|----------------------------|
| Numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 20 |
| Material no. (12NC) | 927926084061 |
| Net weight (piece) | 52.000 g |
| ILCOS Code | FDH-14/40/1B-L/P-G5-16/550 |
| | |

Warnings and Safety

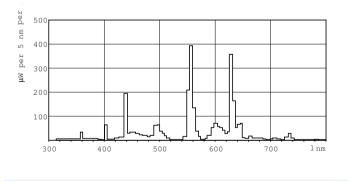
• A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

Dimensional drawing



| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|-----------------------|---------|----------|----------|----------|----------|
| MASTER TL5 HE 14W/840 | 17 mm | 549.0 mm | 556.1 mm | 553.7 mm | 563.2 mm |
| 1SL/20 | | | | | |
| | | | | | |

Photometric data



µ W per 5 nm per lm 400 300 200 100 λnm 700 300 400 500 600

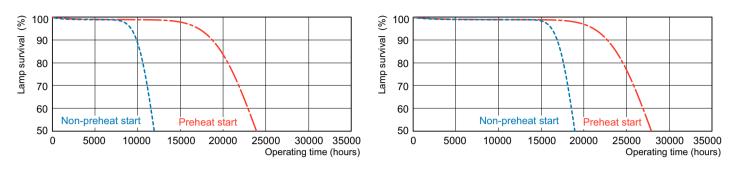
Lightcolour /840

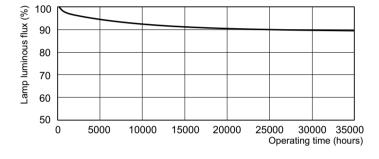
Lightcolour /840

500

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Lifetime







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