



MASTER TL5 High Output 90 De Luxe

MASTER TL5 HO 90 De Luxe 49W/940 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.) | 30000 h |
| 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 | 940 [CCT of 4,000 K] |
| Luminous flux (nom.) | 4200 lm |
| Luminous flux (rated) (nom.) | 3725 lm |
| Colour designation | Cool White (CW) |
| Luminous efficacy (@ max. lumen, rated) (nom.) | 85 lm/W |
| Chromaticity coordinate X (nom.) | 380 |
| Chromaticity coordinate Y (nom.) | 380 |
| Correlated colour temperature (nom.) | 4000 K |
| Luminous efficacy (rated) (nom.) | 76 lm/W |
| Color rendering index (nom.) | 91 |
| 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) | 49.2 W |
| Lamp current (nom.) | 0.255 A |

| Temperature | |
|---------------------------|-------|
| Design temperature (nom.) | 35 °C |

| Controls and Dimming | |
|----------------------|-----|
| Dimmable | yes |

| Approval and Application | |
|-------------------------------|--------|
| Energy efficiency label (EEL) | A |
| Mercury (Hg) content (nom.) | 1.4 mg |
| Energy Consumption kWh/1000 h | 54 kWh |

| Product Data | |
|-------------------|-----------------|
| Full product code | 871150086897800 |

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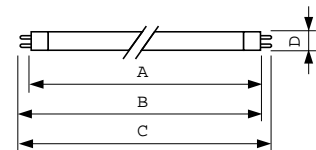
| | |
|-------------------------------|---|
| Order product name | MASTER TL5 HO 90 De Luxe 49W/940 1SL20 |
| EAN/UPC – product | 8711500868978 |
| Order code | 86897800 |
| Local Code | 49940 |
| Numerator – quantity per pack | 1 |

| | |
|---------------------------------|-----------------------------|
| Numerator – packs per outer box | 20 |
| Material no. (12NC) | 927991594024 |
| Net weight (piece) | 128.700 g |
| ILCOS Code | FDH-49/40/1A-L/P-G5-16/1450 |

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.

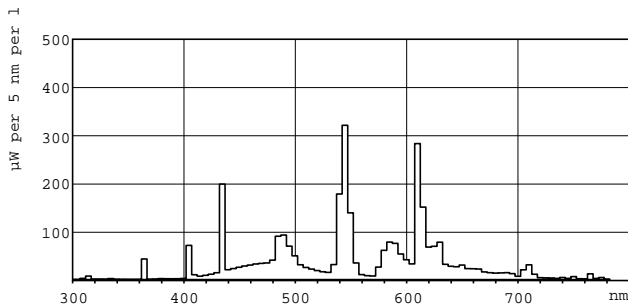
Dimensional drawing



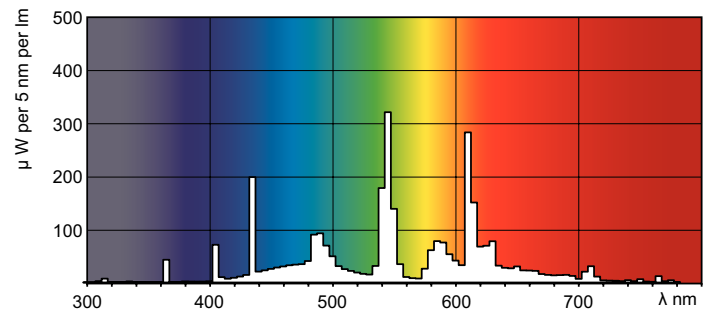
| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|--|---------|-----------|-----------|-----------|-----------|
| MASTER TL5 HO 90 De Luxe 49W/940 1SL20 | 17 mm | 1449.0 mm | 1456.1 mm | 1453.7 mm | 1463.2 mm |

TL5 HO 49W/940

Photometric data



Lightcolour TL5 /940



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Lifetime

