



MASTER TL5 High Output Secura

MASTER TL5 HO SECURA 54W/840 UNP/40

Low-pressure mercury discharge lamps with a tubular 16 mm envelope and protective coating around the lamp to prevent contamination resulting from breakage

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.
- It's strongly recommended to replace Secura lamps before or at the moment the specified lamp life (50% failures @ 3 hrs switching cycle) is reached.

Product data

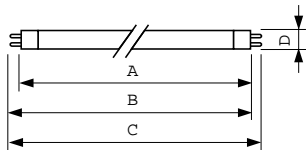
| General Information | | Colour Designation | Cool White (CW) |
|------------------------------------|---------------------|--|-----------------|
| Cap-Base | G5 [G5] | Luminous Efficacy (@ Max Lumen, Rated) (Nom) | 93 lm/W |
| Life to 50% Failures Preheat (Nom) | 30000 h | Colour Temperature, horizontal (Nom) | 4000 K |
| System Description | High Output (HO) | Luminous Efficacy (rated) (Nom) | 83 lm/W |
| LSF Preheat 2000 h Rated | 99 % | Colour Rendering Index horiz (Max) | 85 |
| LSF Preheat 4000 h Rated | 99 % | Colour Rendering Index horiz (Min) | 80 |
| LSF Preheat 6000 h Rated | 99 % | Colour Rendering Index horiz (Nom) | 82 |
| LSF Preheat 8000 h Rated | 99 % | Depreciation 2000 hrs | 96 % |
| LSF Preheat 16000 h Rated | 97 % | LLMF 4000 h Rated | 95 % |
| LSF Preheat 20000 h Rated | 84 % | Depreciation 5000 hrs | 94 % |
| | | LLMF 8000 h Rated | 93 % |
| | | LLMF 12000 h Rated | 92 % |
| | | LLMF 16000 h Rated | 91 % |
| | | LLMF 20000 h Rated | 90 % |
| Light Technical | | | |
| Colour Code | 840 [CCT of 4000K] | | |
| Luminous Flux (Nom) | 4450 lm | | |
| Luminous Flux (Rated) (Nom) | 4500 lm | | |

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| Operating and Electrical | |
|----------------------------|-------------|
| Power (Rated) (Nom) | 54.1 W |
| Lamp Current (Nom) | 0.455 A |
| Temperature | |
| Design Temperature (Nom) | 35 °C |
| Controls and Dimming | |
| Dimmable | Yes |
| Mechanical and Housing | |
| Cap-Base Information | Green Plate |
| Approval and Application | |
| Energy Efficiency Label | A+ |
| Mercury (Hg) Content (Nom) | 1.4 mg |

| Energy Consumption kWh/1000 h | 59 kWh |
|---------------------------------|--|
| Product Data | |
| Full product code | 871150095231855 |
| Order product name | MASTER TL5 HO Secura 54W/840 UNP/40 |
| EAN/UPC - Product | 8711500952318 |
| Order code | 95231855 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 40 |
| Material Nr. (12NC) | 927929184018 |
| Net Weight (Piece) | 143.280 g |
| ILCOS Code | FDH-54/40/1B-L/P-G5-16/1150 |

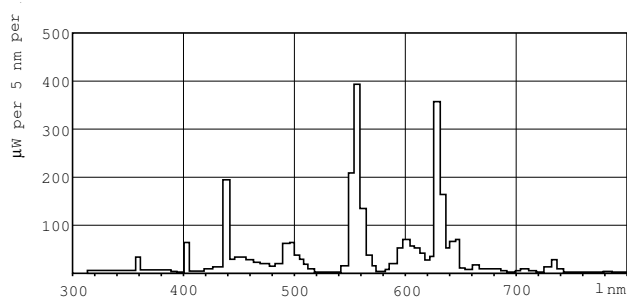
Dimensional drawing



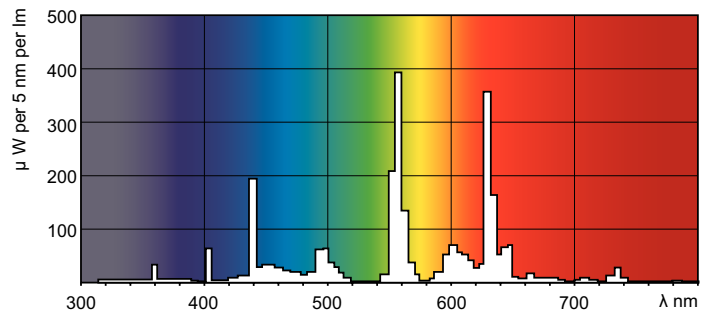
| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|--|---------|-----------|-----------|-----------|-----------|
| MASTER TL5 HO Secura 54W/840 UNP/40 | 17 mm | 1149.0 mm | 1156.1 mm | 1153.7 mm | 1163.2 mm |

TL5 HO Secura 54W/840

Photometric data



Lightcolour /840



Lightcolour /840

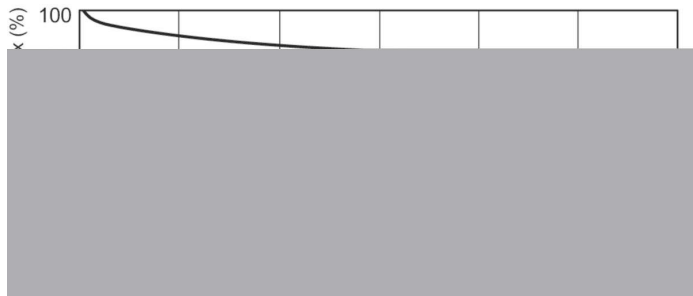
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Lifetime



LDLE_TL5HO8SE_0001-Life expectancy diagram

LDLE_TL5HO8SE_0002-Life expectancy diagram



LDLM_TL5HO8SE_0001-Lumen maintenance diagram

