



MASTER TL5 High Output Secura

MASTER TL5 HO Secura 80W/840 UNP/40

This TL5 High Output Secura lamp (tube diameter 16 mm) has a protective coating that keeps glass and lamp components together in the event of accidental breakage. The lamp is easily identifiable by a blue ring at one end. Application areas are all places where glass shatters can disturb operations and can have an impact on product and people safety, e.g. the food and beverage industry. This lamp is compliant with HACCP regulations and supports HACCP certification.

Product data

| General Information | |
|--|---------------------|
| Cap-Base | G5 [G5] |
| Life to 50% Failures Preheat (Nom) | 30000 h |
| System Description | High Output |
| 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 | |
| Color Code | 840 [CCT of 4000K] |
| Luminous Flux (Nom) | 6550 lm |
| Luminous Flux (Rated) (Nom) | 6550 lm |
| Color Designation | Cool White (CW) |
| Luminous Efficacy (@ Max Lumen, Rated) (Nom) | 88 lm/W |
| Correlated Color Temperature (Nom) | 4000 K |

| Luminous Efficacy (rated) (Nom) | 82 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) | 79.8 W |
| Lamp Current (Nom) | 0.530 A |
| Temperature | |
| Design Temperature (Nom) | 35 °C |

MASTER TL5 High Output Secura

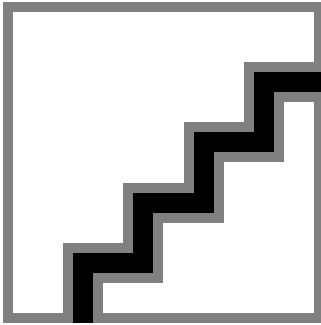
| Controls and Dimming | |
|-------------------------------|-----------------|
| Dimmable | Yes |
| Mechanical and Housing | |
| Cap-Base Information | Green Plate |
| Approval and Application | |
| Energy Efficiency Label (EEL) | A |
| Mercury (Hg) Content (Nom) | 1.4 mg |
| Energy Consumption kWh/1000 h | 88 kWh |
| Product Data | |
| Full product code | 871150095235655 |

| | |
|---------------------------------|--|
| Order product name | MASTER TL5 HO Secura 80W/840 UNP/40 |
| EAN/UPC - Product | 8711500952356 |
| Order code | 927929684018 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 40 |
| Material Nr. (12NC) | 927929684018 |
| Net Weight (Piece) | 132.000 g |
| ILCOS Code | FDH-80/40/1B-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.
- In order to ensure the integrity of the coating, it is strongly recommended to replace Secura lamps before or at the moment the specified lamp life (50% failures @ 3 hrs switching cycle) is reached.

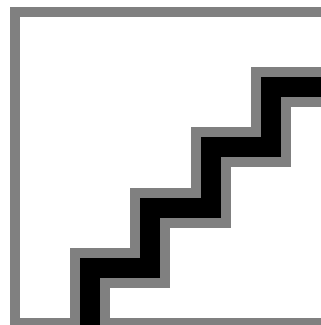
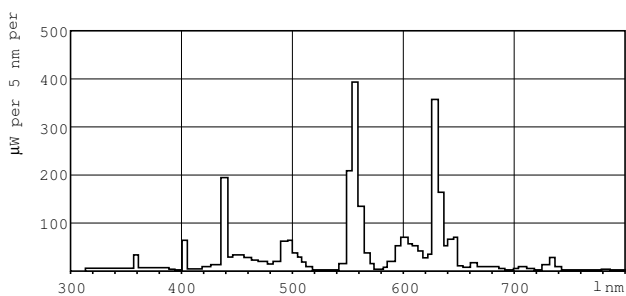
Dimensional drawing



TL5 HO Secura 80W/840

| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|---|---------|-----------|-----------|-----------|-----------|
| MASTER TL5 HO Secura 80W/840 UNP/40 | 17 mm | 1449.0 mm | 1456.1 mm | 1453.7 mm | 1463.2 mm |

Photometric data



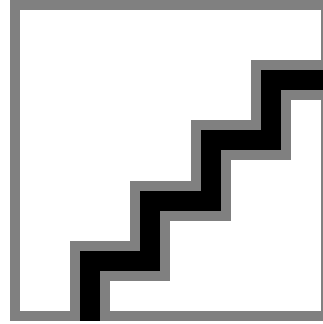
LDPO_TL5HO8SE_840-Spectral power distribution Colour

MASTER TL5 High Output Secura

Lifetime



LDLE_TL5HO8SE_0001-Life expectancy diagram



LDLE_TL5HO8SE_0002-Life expectancy diagram

