



PHILIPS

Lighting



MASTER TL5 High Output

MASTER TL5 HO 54W/827 1SL/40

This TL5 lamp (tube diameter 16 mm) offers high light output. The TL5 HO lamp is optimized for installations requiring high light output and offers excellent lumen maintenance and color rendering. Application areas vary from offices and industry to schools and retail environments.

Product data

General Information

| | |
|-------------------------------------|------------------|
| Cap base | G5 [G5] |
| Life to 50% failures preheat (nom.) | 30000 h |
| Features | ALTO® (ALTO) |
| System description | High Output (HO) |
| 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 | 827 [CCT of 2700K] |
| Luminous flux (nom.) | 5000 lm |
| Luminous flux (rated) (nom.) | 4450 lm |
| Colour designation | Incandescent White |
| Luminous efficacy (@ max. lumen, rated) (nom.) | 93 lm/W |
| Chromaticity coordinate X (nom.) | 463 |

| | |
|--------------------------------------|---------|
| Chromaticity coordinate Y (nom.) | 420 |
| Correlated colour temperature (nom.) | 2700 K |
| Luminous efficacy (rated) (nom.) | 82 lm/W |
| Color rendering index (max.) | 85 |
| Color rendering index (min.) | 80 |
| Color rendering index (nom.) | 85 |
| 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) | 54.1 W |
| Lamp current (nom.) | 0.455 A |

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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 (EEL) | A+ |
| Mercury (Hg) content (nom.) | 1.4 mg |
| Energy Consumption kWh/1000 h | 59 kWh |

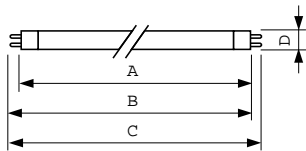
Product Data

| | |
|---------------------------------|------------------------------|
| Full product code | 871150064314855 |
| Order product name | MASTER TL5 HO 54W/827 SLV/40 |
| EAN/UPC – product | 8711500643148 |
| Order code | 64314855 |
| Numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 40 |
| Material no. (12NC) | 927929082755 |
| Net weight (piece) | 105.800 g |
| ILCOS Code | FDH-54/27/1B-L/P-G5-16/1150 |

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.

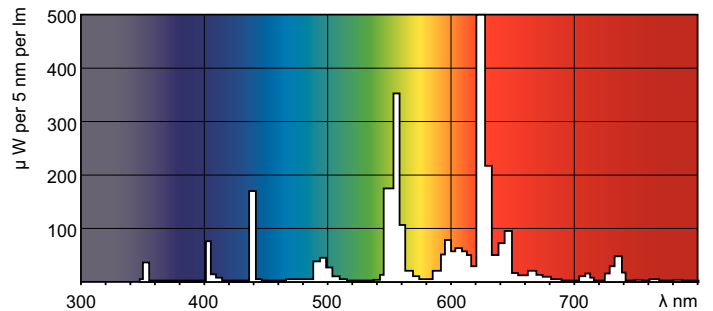
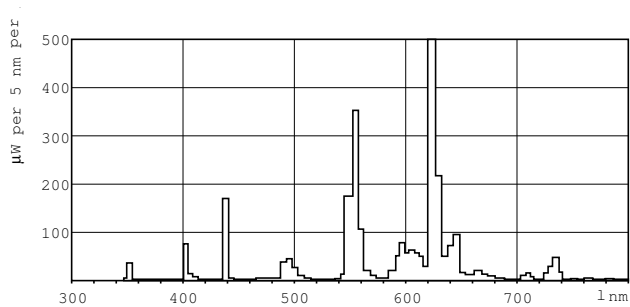
Dimensional drawing



| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|---------------------------------|---------|-----------|-----------|-----------|-----------|
| MASTER TL5 HO 54W/827 SLV/40 | 17 mm | 1149.0 mm | 1156.1 mm | 1153.7 mm | 1163.2 mm |

TL5 HO 54W/827

Photometric data



Lightcolour /827

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Lifetime

