



# MASTER TL5 High Output

MASTER TL5 HO 49W/840 SLV/40

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

## Product data

### • General Information

|                                     |                      |
|-------------------------------------|----------------------|
| Cap base                            | G5 [ G5]             |
| Bulb shape                          | T5 [ 16 mm (T5)]     |
| Life to 50% failures preheat (nom.) | 30000 h              |
| Features                            | na [ Not Applicable] |
| 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

|                                                |                 |
|------------------------------------------------|-----------------|
| Lamp Luminous Flux 25°C EL (Nom)               | 4900 lm         |
| Lamp Luminous Flux (Nom)                       | 4375 lm         |
| Colour Designation                             | Cool White (CW) |
| Luminous efficacy (@ max. lumen, rated) (nom.) | 99 lm/W         |
| Chromaticity coordinate X (nom.)               | 380             |
| Chromaticity coordinate Y (nom.)               | 380             |
| Colour Temperature, horizontal (Nom)           | 4100 K          |

|                                    |         |
|------------------------------------|---------|
| Lamp Luminous Efficacy EM (Nom)    | 89 lm/W |
| Colour Rendering Index,horiz (Max) | 85      |
| Colour Rendering Index,horiz (Min) | 80      |
| Colour Rendering Index,horiz (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                 | 90 %    |
| 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 |
|----------|-----|

### • Mechanical and Housing

|                      |             |
|----------------------|-------------|
| Cap base information | Green Plate |
|----------------------|-------------|

# PHILIPS

# MASTER TL5 High Output

## • 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 | 871150063956155 |
|-------------------|-----------------|

|                                 |                              |
|---------------------------------|------------------------------|
| Order product name              | MASTER TL5 HO 49W/840 SLV/40 |
| EAN/UPC – product               | 8711500639561                |
| Order code                      | 927927584055                 |
| Local Code                      | TL549W840HO                  |
| Numerator – quantity per pack   | 1                            |
| Numerator – packs per outer box | 40                           |
| Material no. (12NC)             | 927927584055                 |
| Net weight (piece)              | 128.700 g                    |
| ILCOS Code                      | FDH-49/40/1B-L/P-G5-16/1450  |

## Warnings and Safety

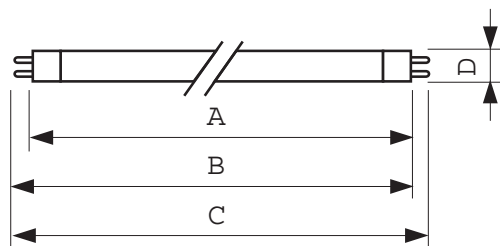
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and

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.

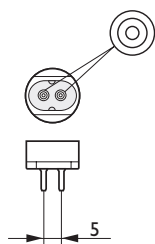
## Dimensional drawing

### TL5 HO 49W/840

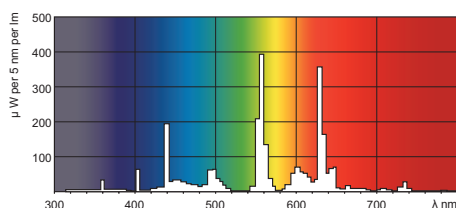
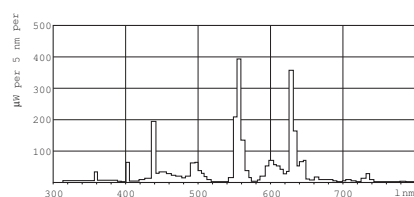
| Product                      | D     | A         | B         | B         | C         |
|------------------------------|-------|-----------|-----------|-----------|-----------|
| MASTER TL5 HO 49W/840 SLV/40 | 17 mm | 1449.0 mm | 1456.1 mm | 1453.7 mm | 1463.2 mm |



G5, T5



## Photometric data





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data subject to change