



# MASTER TL5 High Output 90 De Luxe

## MASTER TL5 HO 90 De Luxe 54W/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 4000K] |
| Luminous Flux (Nom)                          | 4300 lm             |
| Luminous Flux (Rated) (Nom)                  | 3825 lm             |
| Colour Designation                           | Cool White (CW)     |
| Luminous Efficacy (@ Max Lumen, Rated) (Nom) | 80 lm/W             |
| Chromaticity Coordinate X (Nom)              | 380                 |
| Chromaticity Coordinate Y (Nom)              | 380                 |
| Colour Temperature, horizontal (Nom)         | 4000 K              |
| Luminous Efficacy (rated) (Nom)              | 71 lm/W             |
| Colour Rendering Index horiz (Nom)           | 91                  |
| Depreciation 2000 hrs                        | 96 %                |

|                       |      |
|-----------------------|------|
| LLMF 4000 h Rated     | 95 % |
| Depreciation 5000 hrs | 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 |

### Temperature

|                          |       |
|--------------------------|-------|
| Design Temperature (Nom) | 35 °C |
|--------------------------|-------|

### Controls and Dimming

|          |     |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

### Approval and Application

|                               |        |
|-------------------------------|--------|
| Energy Efficiency Label       | A      |
| Mercury (Hg) Content (Nom)    | 1.4 mg |
| Energy Consumption kWh/1000 h | 59 kWh |

# MASTER TL5 High Output 90 De Luxe

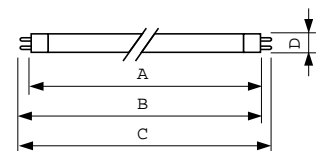
| Product Data                  |   |
|-------------------------------|---|
| Full product code             | 871150086905000                           |
| Order product name            | MASTER TL5 HO 90 De Luxe 54W/940<br>1SL20 |
| EAN/UPC - Product             | 8711500869050                             |
| Order code                    | 86905000                                  |
| Numerator - Quantity Per Pack | 1   |

|                                 |                             |
|---------------------------------|-----------------------------|
| Numerator - Packs per outer box | 20                          |
| Material Nr. (12NC)             | 927993094024                |
| Net Weight (Piece)              | 105.800 g                   |
| ILCOS Code                      | FDH-54/40/1A-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.

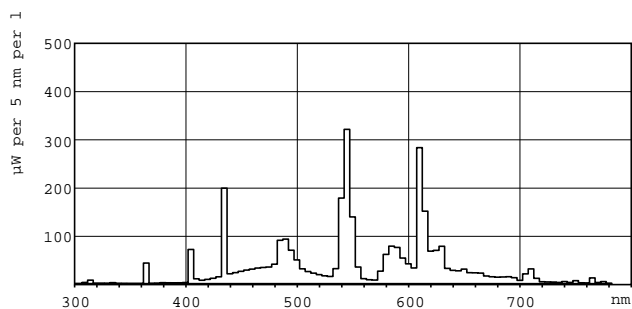
## Dimensional drawing



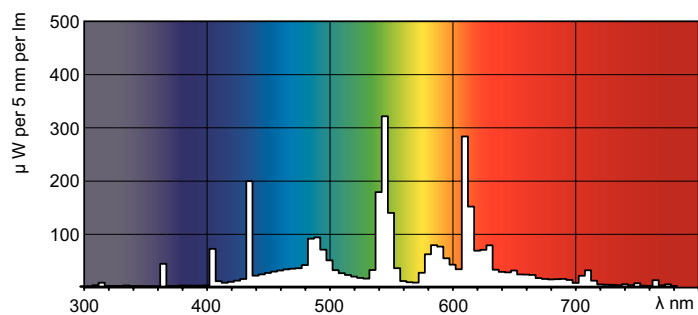
| Product                                | D (max) | A (max)   | B (max)   | B (min)   | C (max)   |
|--|---------|-----------|-----------|-----------|-----------|
| MASTER TL5 HO 90 De Luxe 54W/940 1SL20 | 17 mm   | 1149.0 mm | 1156.1 mm | 1153.7 mm | 1163.2 mm |

## TL5 HO 54W/940

## Photometric data



## Lightcolour TL5 /940



## Lightcolour TL5 /940

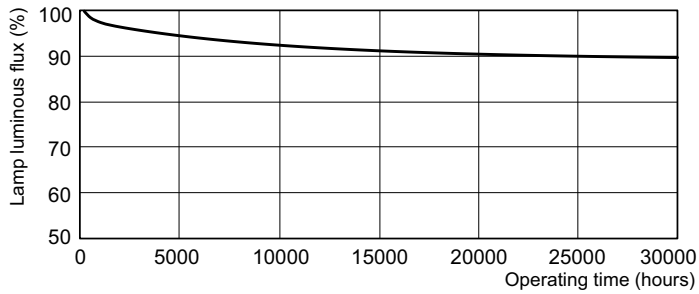
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## Lifetime



MASTER TL5 HO 90 De Luxe Life Expectancy 3 h cycle

MASTER TL5 HO 90 De Luxe Life Expectancy 12 h cycle



MASTER TL5 HO 90 De Luxe Lumen Maintenance 3 h + 12 h cycle

