

MASTER TL5 High Output 90 De Luxe

MASTER TL5 HO 90 De Luxe 49W/965 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 | 965 [CCT of 6500K] |
| Luminous Flux (Nom) | 4200 lm |
| Luminous Flux (Rated) (Nom) | 3725 lm |
| Colour Designation | Cool Daylight |
| Luminous Efficacy (@ Max Lumen, Rated) (Nom) | 85 lm/W |
| Chromaticity Coordinate X (Nom) | 313 |
| Chromaticity Coordinate Y (Nom) | 337 |
| Colour Temperature, horizontal (Nom) | 6800 K |
| Luminous Efficacy (rated) (Nom) | 76 lm/W |
| Colour Rendering Index horiz (Nom) | 93 |
| 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) | 49.2 W |
| Lamp Current (Nom) | 0.255 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 | 54 kWh |

MASTER TL5 High Output 90 De Luxe

Product Data

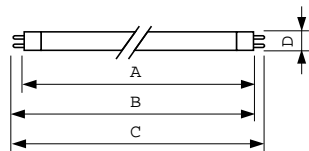
| | |
|-------------------------------|---|
| Full product code | 871150086972200 |
| Order product name | MASTER TL5 HO 90 De Luxe 49W/965 1SL20 |
| EAN/UPC - Product | 8711500869722 |
| Order code | 86972200 |
| Numerator - Quantity Per Pack | 1 |

| | |
|---------------------------------|-----------------------------|
| Numerator - Packs per outer box | 20 |
| Material Nr. (12NC) | 927991596524 |
| Net Weight (Piece) | 127.400 g |
| ILCOS Code | FDH-49/65/1A-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.

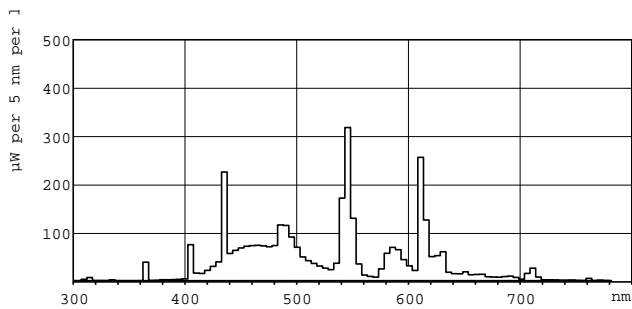
Dimensional drawing



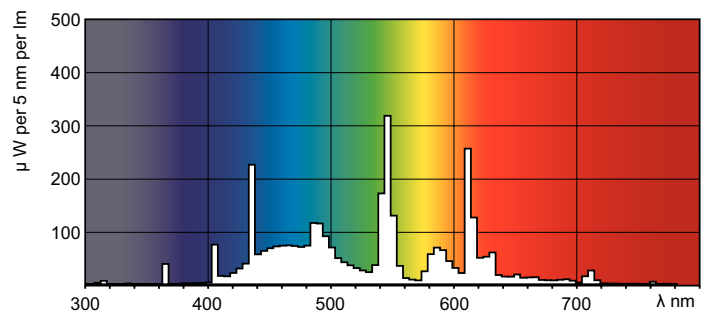
| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|--|---------|-----------|-----------|-----------|-----------|
| MASTER TL5 HO 90 De Luxe 49W/965 1SL20 | 17 mm | 1449.0 mm | 1456.1 mm | 1453.7 mm | 1463.2 mm |

TL5 HO 49W/965

Photometric data



Lightcolour TL5 /965



Lightcolour TL5 /965

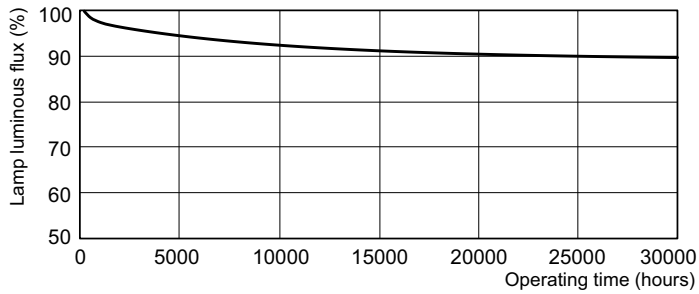
MASTER TL5 High Output 90 De Luxe

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

