

MASTER TL5 High Output 90 De Luxe

MASTER TL5 HO 90 De Luxe 24W/950 1SL20

This TL5 High Output lamp (tube diameter 16 mm) has excellent color rendering (CRI > 90). This means that colors are presented in a natural way, making them appear rich, deep and enhanced as they do in daylight. Application areas are places where color rendering is key, e.g. the printing industry, libraries, museums, hospitals and shops (jewelry, flowers, clothing, textile, leather, carpets).

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 | |
| Color Code | 950 [CCT of 5000K] |
| Luminous Flux (Nom) | 1750 lm |
| Luminous Flux (Rated) (Nom) | 1525 lm |
| Color Designation | Daylight |
| Luminous Efficacy (@ Max Lumen, Rated) (Nom) | 78 lm/W |
| Chromaticity Coordinate X (Nom) | 346 |
| Chromaticity Coordinate Y (Nom) | 359 |
| Correlated Color Temperature (Nom) | 5200 K |
| Luminous Efficacy (rated) (Nom) | 68 lm/W |

| | |
|-----------------------------|------|
| Color Rendering Index (Nom) | 92 |
| 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) | 22.5 W |
| Lamp Current (Nom) | 0.295 A |

Temperature

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

Controls and Dimming

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

MASTER TL5 High Output 90 De Luxe

Approval and Application

| | |
|-------------------------------|--------|
| Energy Efficiency Label (EEL) | A |
| Mercury (Hg) Content (Nom) | 1.4 mg |
| Energy Consumption kWh/1000 h | 25 kWh |

Product Data

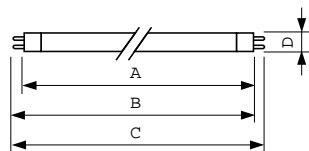
| | |
|--------------------|---|
| Full product code | 871150089064100 |
| Order product name | MASTER TL5 HO 90 De Luxe 24W/950 1SL20 |

| | |
|---------------------------------|----------------------------|
| EAN/UPC - Product | 8711500890641 |
| Order code | 927992095024 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 20 |
| Material Nr. (12NC) | 927992095024 |
| Net Weight (Piece) | 52.000 g |
| ILCOS Code | FDH-24/50/1A-L/P-G5-16/550 |

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.

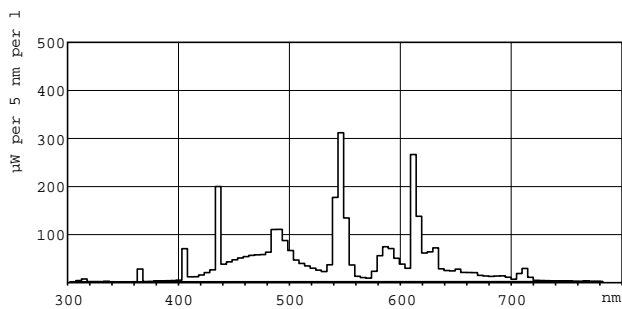
Dimensional drawing



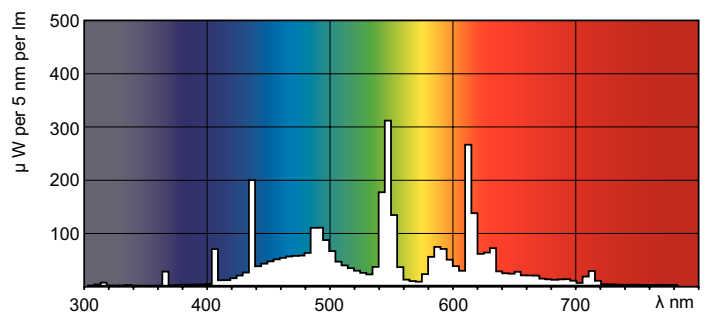
| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|--|---------|----------|----------|----------|----------|
| MASTER TL5 HO 90 De Luxe 24W/950 1SL20 | 17 mm | 549.0 mm | 556.1 mm | 553.7 mm | 563.2 mm |

TL5 HO 24W/950

Photometric data



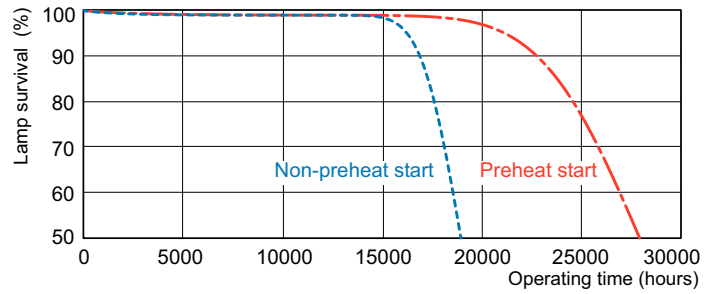
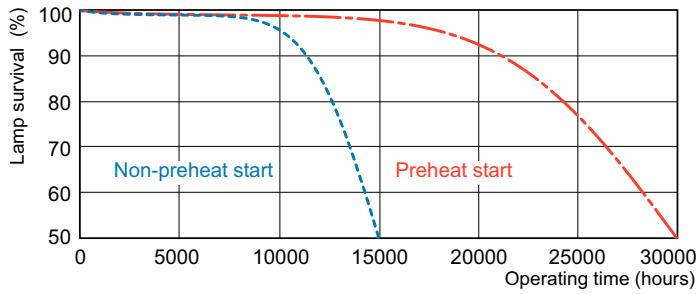
Lightcolor TL5 /950



Lightcolor TL5 /950

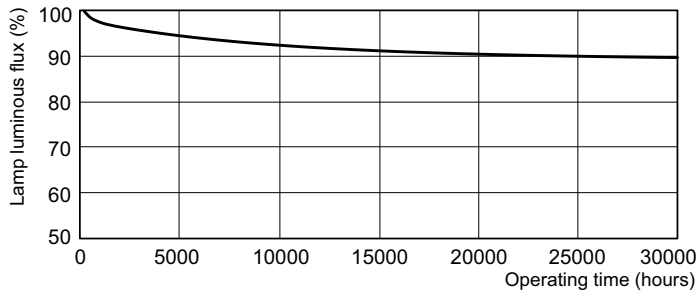
MASTER TL5 High Output 90 De Luxe

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

