



# MASTER TL5 High Output Xtra



## MASTER TL5 HO Xtra 49W/840 SLV/20

This TL5 lamp (tube diameter 16 mm) combines the advantages of a TL5 High Output lamp (TL5 HO lamps are optimized for installations requiring high light output and offer excellent lumen maintenance and color rendering) with a long and reliable lifetime. This results in extra-low maintenance costs and saves on expensive spot replacement. Main applications are places where lamp replacement costs and/or costs of disruption are high.

### Warnings and Safety

- Philips HF Xtreme gear ensures longest lifetime.
- To achieve lifetimes as published for 100% operation, dimming below 30% should not be applied.
- 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.

### Product data

| General Information                |                    | Color rendering index (CRI) |         |
|------------------------------------|--------------------|-----------------------------|---------|
| Cap-Base                           | G5                 |                             | 80      |
| Flux measurement reference         | Sphere             |                             |         |
| Light Technical                    |                    | Operating and Electrical    |         |
| Color Code                         | 840 [CCT of 4000K] | Power Consumption           | 50.0 W  |
| Luminous Flux                      | 4,375 lm           | Lamp Current (Nom)          | 0.255 A |
| Color Designation                  | Cool White (CW)    | Controls and Dimming        |         |
| Chromaticity Coordinate X (Nom)    | 0.38               | Dimmable                    | Yes     |
| Chromaticity Coordinate Y (Nom)    | 0.38               | Mechanical and Housing      |         |
| Correlated Color Temperature (Nom) | 4000 K             | Bulb Shape                  | T5      |
| Luminous Efficacy (rated) (Nom)    | 89 lm/W            |                             |         |

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## Approval and Application

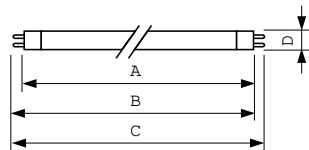
|                               |        |
|-------------------------------|--------|
| Energy Efficiency Class       | G      |
| Mercury (Hg) Content (Max)    | 3 mg   |
| Mercury (Hg) Content (Nom)    | 3.0 mg |
| Energy Consumption kWh/1000 h | 50 kWh |
| EPREL Registration Number     | 423551 |

## Product Data

|                    |                                   |
|--------------------|-----------------------------------|
| Order product name | MASTER TL5 HO Xtra 49W/840 SLV/20 |
| Full product name  | MASTER TL5 HO Xtra 49W/840 SLV/20 |

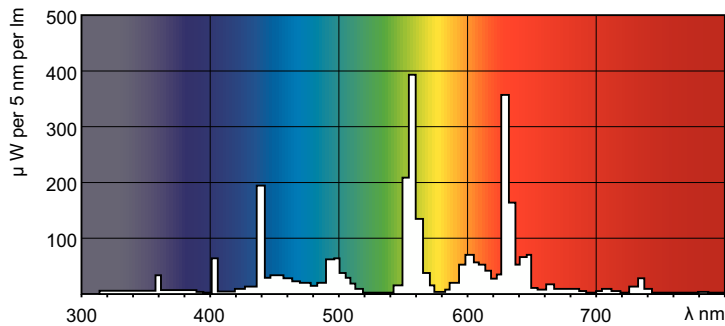
|                                 |                 |
|---------------------------------|-----------------|
| Full product code               | 871150026253005 |
| Order code                      | 927927784026    |
| Material Nr. (12NC)             | 927927784026    |
| Numerator - Quantity Per Pack   | 1               |
| EAN/UPC - Product/Case          | 8711500262530   |
| Numerator - Packs per outer box | 20              |
| EAN/UPC - Case                  | 8711500262608   |

## Dimensional drawing



| Product                              | D (max) | A (max)    | B (max)    | B (min)    | C (max)    |
|--------------------------------------|---------|------------|------------|------------|------------|
| MASTER TL5 HO Xtra<br>49W/840 SLV/20 | 17 mm   | 1,449.0 mm | 1,456.1 mm | 1,453.7 mm | 1,463.2 mm |

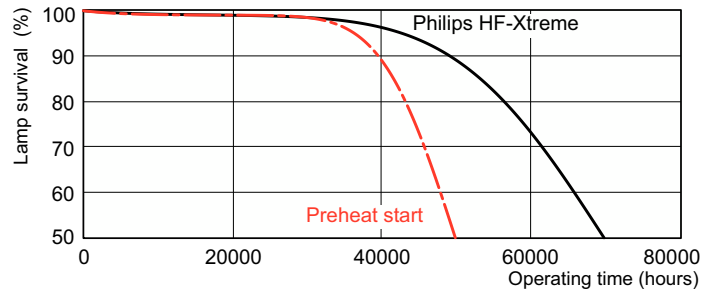
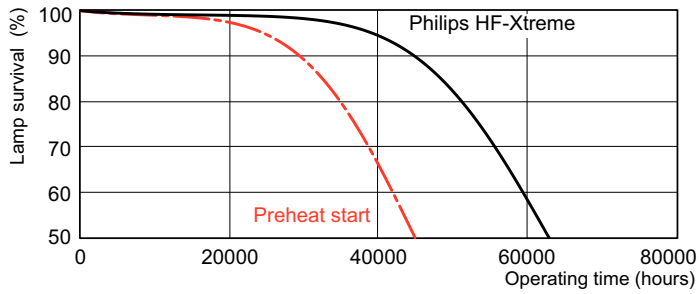
## Photometric data



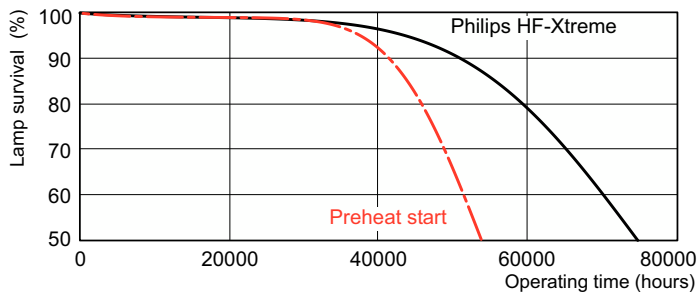
Spectral Power Distribution Colour - MASTER TL5 HO Xtra 49W/840 SLV/20

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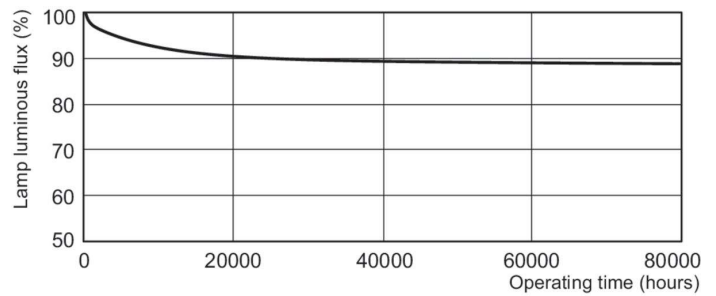
## Lifetime



Life Expectancy Diagram - MASTER TL5 HO Xtra 49W/840 SLV/20



Life Expectancy Diagram - MASTER TL5 HO Xtra 49W/840 SLV/20



Life Expectancy Diagram - MASTER TL5 HO Xtra 49W/840 SLV/20

Lumen Maintenance Diagram - MASTER TL5 HO Xtra 49W/840 SLV/20

