



MASTER TL5 HO 80W/827 UNP

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

Product Features

- 40% thinner than TL- D lamps
- Designed for high lumen output and system miniaturization
- Highly efficient 3- band fluorescent coating in combination with precoating
- Specifically designed for operation with electronic gear and well suited for dimming
- Maximum lumen output reached at approx. 35°C in free- burning position if an HF electronic ballast without additional electrode heating is used
- Can be ignited from - 15° to +50°C
- Green end- plate indicates full recycable lamp technology

Product Benefits

- Allow system miniaturisation and maximum luminaire design freedom
- Lamp lengths enable easy fitting into ceiling module systems
- Optimised for installations which need high luminous flux
- Virtually constant lumen level with excellent lumen maintenance
- Good colour rendering

Environment

- Best environmental choice because of highest energy efficiency available for fluorescent lighting. Lowest CO2 emission compared to any other comparable lightsource (40% less than a TL- D standard lamp, 26% less than TL- D 800). Products having the “Green Flagship” logo contain the lowest mercury content in the industry and are 100% lead free. Less material, packaging, weight, transport and recycling volume due to smallest product dimensions (only 16 mm diameter, 40% less compared with TL- D lamps)
- This product range is RoHS compliant
- This product range is covered by WEEE

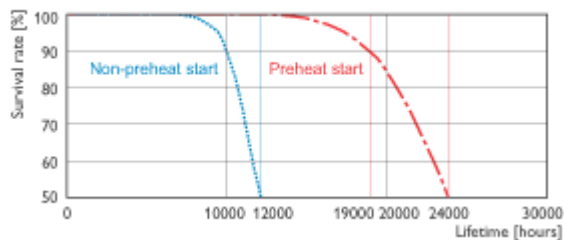
Application

- The combination of a compact lamp and high lumen package of the MASTER TL5 HO offers exciting opportunities for architectural lighting and customised solutions
- Offers economic solutions with high- ceiling lighting in shops, industry and department stores
- The high luminous flux gives optimal results in aesthetic pendants and furniture- mounted luminaires in offices, workshops, restaurants and reception areas

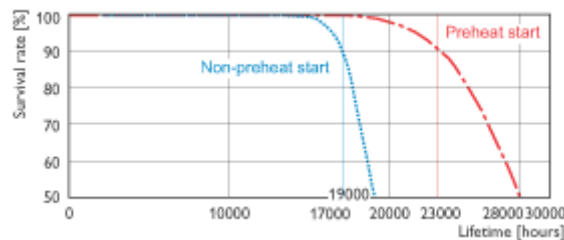
Product data

| | |
|-------------------------|------------------------------|
| Order code | 263292 55 |
| Full product code | 871150026329255 |
| Full product name | MASTER TL5 HO 80W/827 UNP |
| Order product name | MASTER TL5 HO 80W/827 UNP/40 |
| Packing type | Unpacked |
| Pieces per pack | 1 |
| Packing configuration | 40 |
| Packs per outerbox | 40 |
| Bar code on pack - EAN1 | 8711500263292 |

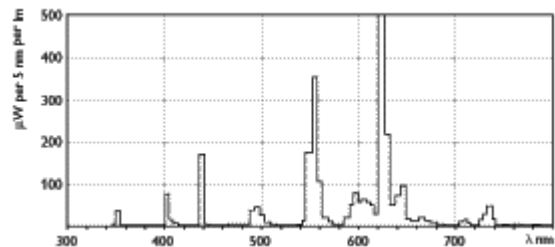
| Product data | |
|---|---------------------------------|
| Bar code on intermediate packing - EAN2 | |
| Bar code on outerbox - EAN3 | 8711500263308 |
| Logistic code(s) - 12NC | 9279 295 82703 9279 295 82718 |
| ILCOS code | FDH- 80/27/1B-L/P- G5- 16/1450 |
| Net weight per piece | 132.000 (GR) |
| Successor order code | |
| Rated Lamp Wattage[W] | 80W |
| Colour Code | 827 [CCT of 2700K] |
| System Description | High Output |
| Cap- Base | G5 |
| Cap- Base Information | Green Plate |
| Bulb | T5[16mm] |
| Energy Efficiency Label (EEL) | B |
| Mercury (Hg) Content[mg] | 1.4 |
| Colour Rendering Index[Ra8] | 85 |
| Colour Designation (text) | Incandescent White |
| Colour Temperature[K] | 3000 |
| Lamp Luminous Flux 25°C EL[Lm] | 6150 |



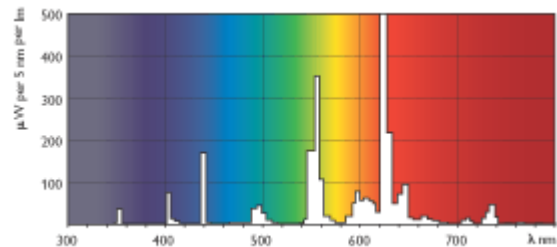
Life Expectancy 3h cycle
MASTER TL5 HO



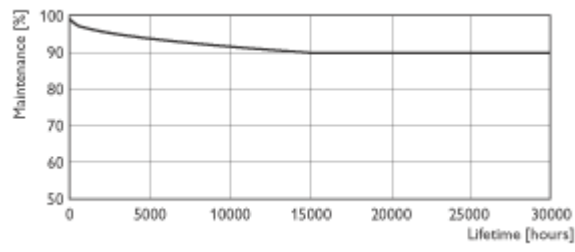
Life Expectancy 12h cycle
MASTER TL5 HO



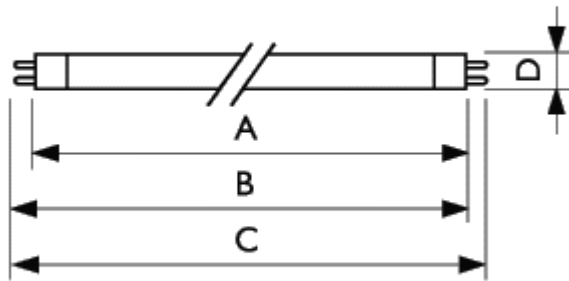
MASTER TL5 HO/827



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MASTER TL5 HO



MASTER TL5 HO

| | A | B | C | D |
|---------------------------|--------|--------|--------|--------|
| Full product name | Max | Min | Max | Max |
| MASTER TL5 HO 80W/827 UNP | 1449.0 | 1453.7 | 1456.1 | 1463.2 |

