



# MASTER TL-D Super 80

MASTER TL-D Super 80 36W/865 1SL

Low-pressure mercury discharge lamps with a tubular 26 mm envelope

## Product data

### • General Characteristics

|                              |                                 |
|------------------------------|---------------------------------|
| Cap-Base                     | G13 [Medium Bi-Pin Fluorescent] |
| Cap-Base Information         | Green Plate                     |
| Bulb                         | T8 [26 mm]                      |
| Life to 10% failures EM      | 12000 hr                        |
| Life to 10% fail             | 17000 hr                        |
| Preheat EL,3h                |                                 |
| Life to 10% fail             | 10000 hr                        |
| Nonpreh EL,3h                |                                 |
| Life to 50% failures EM      | 15000 hr                        |
| Life to 50% fail             | 20000 hr                        |
| Preheat EL,3h                |                                 |
| Life to 50% fail             | 12000 hr                        |
| Nonpreh EL,3h                |                                 |
| LSF EM 2000h Rated, 3h cycle | 99 %                            |
| LSF EM 4000h Rated, 3h cycle | 99 %                            |
| LSF EM 6000h Rated, 3h cycle | 99 %                            |
| LSF EM 8000h Rated, 3h cycle | 99 %                            |
| LSF EM 12000h Rated,3h cycle | 89 %                            |
| LSF EM 16000h Rated,3h cycle | 33 %                            |
| LSF EM 20000h Rated,3h cycle | 2 %                             |

### • Light Technical Characteristics

|                        |                    |
|------------------------|--------------------|
| Colour Code            | 865 [CCT of 6500K] |
| Colour Rendering Index | 85 Ra8             |
| Colour Designation     | Cool Daylight      |

|                                |             |
|--------------------------------|-------------|
| Colour Temperature             | 6500 K      |
| Luminous Flux EM 25°C, Rated   | 3250 Lm     |
| Luminous Flux EM 25°C, Nominal | 3250 Lm     |
| Lum Efficacy Rated EM 25°C     | 90 Lm/W     |
| Average Luminance EM           | 1.20 cd/cm2 |
| LLMF EM 2000h Rated            | 96 %        |
| LLMF EM 4000h Rated            | 95 %        |
| LLMF EM 6000h Rated            | 94 %        |
| LLMF EM 8000h Rated            | 93 %        |
| LLMF EM 12000h Rated           | 92 %        |
| LLMF EM 16000h Rated           | 91 %        |
| LLMF EM 20000h Rated           | 90 %        |
| Design Temperature             | 25 C        |
| Chromaticity Coordinate X      | 313 -       |
| Chromaticity Coordinate Y      | 337 -       |

### • Electrical Characteristics

|                               |        |
|-------------------------------|--------|
| Lamp Wattage                  | 36 W   |
| Lamp Wattage EM 25°C, Nominal | 36 W   |
| Lamp Wattage EM 25°C, Rated   | 36.0 W |



asimpleswitch.com

# PHILIPS

# MASTER TL-D Super 80

|                      |         |
|----------------------|---------|
| Lamp Voltage EM 25°C | 103 V   |
| Lamp Current EM 25°C | 0.440 A |
| Dimmable             | yes     |

• Environmental Characteristics

|                               |        |
|-------------------------------|--------|
| Energy Efficiency Label (EEL) | A      |
| Mercury (Hg) Content          | 2.0 mg |
| Energy consumption kWh/1000h  | 42 kWh |

• Product Dimensions

|                          |                               |
|--------------------------|-------------------------------|
| Base Face to Base Face A | 1199.4 (max) mm               |
| Insertion Length B       | 1204.1 (min), 1206.5 (max) mm |
| Overall Length C         | 1213.6 (max) mm               |

|            |             |
|------------|-------------|
| Diameter D | 28 (max) mm |
|------------|-------------|

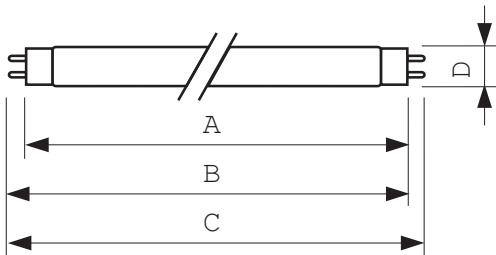
• Product Data

|                             |                                     |
|-----------------------------|-------------------------------------|
| Order code                  | 632074 40                           |
| Full product code           | 871150063207440                     |
| Full product name           | MASTER TL-D Super 80 36W/865 1SL    |
| Order product name          | MASTER TL-D Super 80 36W/865 1SL/25 |
| Pieces per pack             | 1                                   |
| Packing configuration       | 25                                  |
| Packs per outerbox          | 25                                  |
| Bar code on pack - EAN1     | 8711500632074                       |
| Bar code on outerbox - EAN3 | 8711500632081                       |
| Logistic code(s) - 12NC     | 927921086544                        |
| ILCOS code                  | FD-36/65/1B-E-G13                   |
| Net weight per piece        | 124.600 gr                          |

## Dimensional drawing

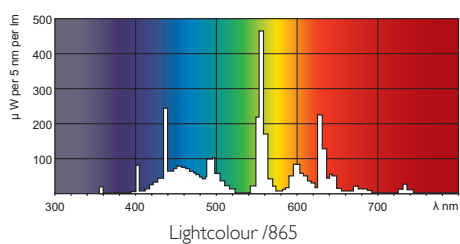
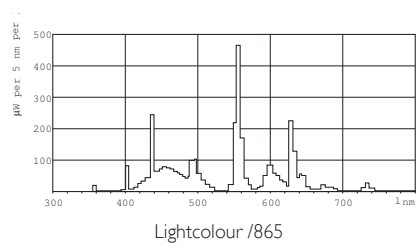
### MASTER TL-D Super 80 36W/865 1SL

| Product      | A (Max) | B (Min) | B (Max) | C (Max) | D (Max) |
|--------------|---------|---------|---------|---------|---------|
| TL-D 36W/865 | 1199.4  | 1204.1  | 1206.5  | 1213.6  | 28      |



G13

## Photometric data



© 2014 Koninklijke Philips N.V. (Royal Philips)  
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

[www.philips.com/lighting](http://www.philips.com/lighting)

2014, October 31  
data subject to change