

# Product Description

## MASTER TL-D Super 80

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

### Benefits

- Special fluorescent coating gives good colour rendering
- Relatively high efficacy, both initially and during lamp lifetime, with high lumen maintenance
- Create atmospheres from warm white to cool daylight

### Features

- Highly efficient 3-band fluorescent coating in combination with New Generation pre-coating technology
- High initial light output
- Available in varying colour designations
- Low mercury dose

### Application

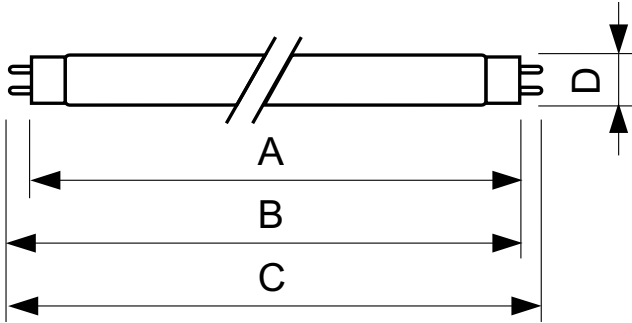
- Suitable for use in a wide range of luminaires for TL-D fluorescent lamps for 'human' applications such as schools, offices, shops, factory halls etc.

### Versions



# MASTER TL-D Super 80

## Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL-D 58W/865 1SL/25	28 mm	1500.0 mm	1507.1 mm	1504.7 mm	1514.2 mm
TL-D 58W/840 1SL/25	28 mm	1500.0 mm	1507.1 mm	1504.7 mm	1514.2 mm
TL-D 36W/865 1SL/25	28 mm	1199.4 mm	1206.5 mm	1204.1 mm	1213.6 mm
TL-D 36W/850 1SL/25	28 mm	1199.4 mm	1206.5 mm	1204.1 mm	1213.6 mm
TL-D 36W/840 1SL/25	28 mm	1199.4 mm	1206.5 mm	1204.1 mm	1213.6 mm
TL-D 36W/830 1SL/25	28 mm	1199.4 mm	1206.5 mm	1204.1 mm	1213.6 mm
TL-D 18W/865 1SL/25	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm
TL-D 18W/850 1SL/25	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm
TL-D 18W/840 1SL/25	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm

### Approval and Application

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	2.0 mg

### Controls and Dimming

Dimmable	yes
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### General Information

Cap-Base	G13
Life To 50% Failures Preheat (Nom)	20000 h
Life To 10% Failures (Nom)	10000 h

### Light Technical

Lumen Maintenance 2000 h (Nom)	96 %
Lumen Maintenance 5000 h (Nom)	94 %

### Mechanical and Housing

Bulb Shape	T8
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### Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power (Rated) (Nom)
927981184024	TL-D 18W/840 1SL/25	0.360 A	59 V	18 W
927981185024	TL-D 18W/850 1SL/25	0.360 A	59 V	18 W
927981186524	TL-D 18W/865 1SL/25	0.360 A	59 V	18 W
927981383024	TL-D 36W/830 1SL/25	0.440 A	103 V	36 W
927981384024	TL-D 36W/840 1SL/25	0.440 A	103 V	36 W
927981385024	TL-D 36W/850 1SL/25	0.440 A	103 V	36 W
927981386524	TL-D 36W/865 1SL/25	0.440 A	103 V	36 W
927981584024	TL-D 58W/840 1SL/25	0.670 A	111 V	58 W
927981586524	TL-D 58W/865 1SL/25	0.670 A	111 V	58 W

## General Information

Order Code	Full Product Name	Life To 50% Failures (Nom)
927981184024	TL-D 18W/840 1SL/25	13000 h
927981185024	TL-D 18W/850 1SL/25	13000 h
927981186524	TL-D 18W/865 1SL/25	13000 h
927981383024	TL-D 36W/830 1SL/25	15000 h
927981384024	TL-D 36W/840 1SL/25	15000 h

Order Code	Full Product Name	Life To 50% Failures (Nom)
927981385024	TL-D 36W/850 1SL/25	15000 h
927981386524	TL-D 36W/865 1SL/25	15000 h
927981584024	TL-D 58W/840 1SL/25	15000 h
927981586524	TL-D 58W/865 1SL/25	15000 h

## Light Technical (1/2)

Order Code	Full Product Name	Colour Code	Colour Designation	Correlated Colour Temperature	Colour Rendering Index
				(Nom)	(Nom)
927981184024	TL-D 18W/840 1SL/25	840	Cool White (CW)	4000 K	82
927981185024	TL-D 18W/850 1SL/25	850	Daylight	5000 K	80

Order Code	Full Product Name	Colour Code	Colour Designation	Correlated Colour Temperature	Colour Rendering Index
				(Nom)	(Nom)
927981186524	TL-D 18W/865 1SL/25	865	Cool Daylight	6500 K	80
927981383024	TL-D 36W/830 1SL/25	830	Warm white (WW)	3000 K	83

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Order Code	Full Product Name	Colour Code	Colour Designation	Correlated Colour Temperature (Nom)	Colour Rendering Index (Nom)
927981384024	TL-D 36W/840 1SL/25	840	Cool White (CW)	4000 K	82
927981385024	TL-D 36W/850 1SL/25	850	Daylight	5000 K	80
927981386524	TL-D 36W/865 1SL/25	865	Cool Daylight	6500 K	80

Order Code	Full Product Name	Colour Code	Colour Designation	Correlated Colour Temperature (Nom)	Colour Rendering Index (Nom)
927981584024	TL-D 58W/840 1SL/25	840	Cool White (CW)	4000 K	82
927981586524	TL-D 58W/865 1SL/25	865	Cool Daylight	6500 K	80

### Light Technical (2/2)

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux (Rated) (Nom)
927981184024	TL-D 18W/840 1SL/25	75 lm/W	1350 lm
927981185024	TL-D 18W/850 1SL/25	73 lm/W	1310 lm
927981186524	TL-D 18W/865 1SL/25	71 lm/W	1275 lm
927981383024	TL-D 36W/830 1SL/25	90 lm/W	3250 lm
927981384024	TL-D 36W/840 1SL/25	90 lm/W	3250 lm

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux (Rated) (Nom)
927981385024	TL-D 36W/850 1SL/25	88 lm/W	3170 lm
927981386524	TL-D 36W/865 1SL/25	85 lm/W	3070 lm
927981584024	TL-D 58W/840 1SL/25	89 lm/W	5150 lm
927981586524	TL-D 58W/865 1SL/25	83 lm/W	4800 lm

