



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.

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.

MASTER TL-D Super 80

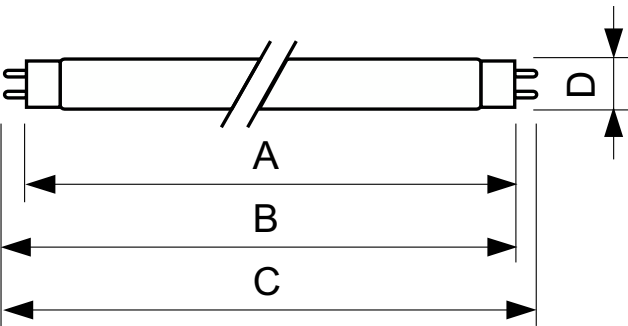
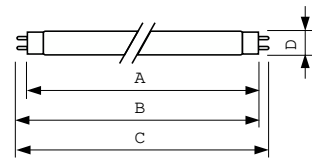
Versions



LPPR TL-D8 G13

LPPR TL-D8G G13 T8

Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D Super 80	28 mm	1,763.8 mm	1,770.9 mm	1,768.5 mm	1,778 mm
70W/840 SLV/25					

Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL-D 18W/840 1SL/25	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm
TL-D 18W/865 1SL/25	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm
TL-D 36W/830 1SL/25	28 mm	1,199.4 mm	1,206.5 mm	1,204.1 mm	1,213.6 mm
TL-D 36W/840 1SL/25	28 mm	1,199.4 mm	1,206.5 mm	1,204.1 mm	1,213.6 mm
TL-D 36W/865 1SL/25	28 mm	1,199.4 mm	1,206.5 mm	1,204.1 mm	1,213.6 mm
TL-D 58W/840 1SL/25	28 mm	1,500.0 mm	1,507.1 mm	1,504.7 mm	1,514.2 mm
TL-D 58W/865 1SL/25	28 mm	1,500.0 mm	1,507.1 mm	1,504.7 mm	1,514.2 mm

General Information	
Cap-Base	G13
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	T8

Light Technical

MASTER TL-D Super 80

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Color Designation	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)	Luminous Flux
927923884014	MASTER TL-D Super 80 70W/840 SLV/25	0.38	0.38	Cool White (CW)	4000 K	81	89 lm/W	6,200 lm
927981184024	TL-D 18W/840 1SL/25	-	-	Cool White (CW)	4000 K	82	75 lm/W	-
927981186524	TL-D 18W/865 1SL/25	-	-	Cool Daylight	6500 K	80	71 lm/W	-
927981383024	TL-D 36W/830 1SL/25	-	-	Warm White (WW)	3000 K	83	90 lm/W	-
927981384024	TL-D 36W/840 1SL/25	-	-	Cool White (CW)	4000 K	82	90 lm/W	-
927981386524	TL-D 36W/865 1SL/25	-	-	Cool Daylight	6500 K	80	85 lm/W	-
927981584024	TL-D 58W/840 1SL/25	-	-	Cool White (CW)	4000 K	82	89 lm/W	-
927981586524	TL-D 58W/865 1SL/25	-	-	Cool Daylight	6500 K	80	83 lm/W	-

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power Consumption
927923884014	MASTER TL-D Super 80 70W/840 SLV/25	0.690 A	-	70.0 W
927981184024	TL-D 18W/840 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

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power Consumption
927981384024	TL-D 36W/840 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

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Max)	Mercury (Hg) Content (Nom)
927923884014	MASTER TL-D Super 80 70W/840 SLV/25	70 kWh	3 mg	3.0 mg
927981184024	TL-D 18W/840 1SL/25	-	-	2.0 mg
927981186524	TL-D 18W/865 1SL/25	-	-	2.0 mg
927981383024	TL-D 36W/830 1SL/25	-	-	2.0 mg

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Max)	Mercury (Hg) Content (Nom)
927981384024	TL-D 36W/840 1SL/25	-	-	2.0 mg
927981386524	TL-D 36W/865 1SL/25	-	-	2.0 mg
927981584024	TL-D 58W/840 1SL/25	-	-	2.0 mg
927981586524	TL-D 58W/865 1SL/25	-	-	2.0 mg

