



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

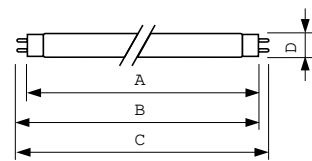
- Suitable for use in a wide range of luminaires for TL-D fluorescent lamps for 'human' applications such as schools, offices, shops, factory halls etc.

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

Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D Super 80 18W/827 1SL/25	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm
MASTER TL-D Super 80 18W/835 1SL/25	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm
MASTER TL-D Super 80 18W/840 1SL/25	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm
MASTER TL-D Super 80 18W/865 1SL/25	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm
MASTER TL-D Super 80 1m 36W/830 SLV/25	28 mm	970.0 mm	977.1 mm	974.7 mm	984.2 mm
MASTER TL-D Super 80 1m 36W/840 SLV/25	28 mm	970.0 mm	977.1 mm	974.7 mm	984.2 mm
MASTER TL-D Super 80 36W/835 1SL/25	28 mm	1,199.4 mm	1,206.5 mm	1,204.1 mm	1,213.6 mm
MASTER TL-D Super 80 36W/840 1SL/25	28 mm	1,199.4 mm	1,206.5 mm	1,204.1 mm	1,213.6 mm
MASTER TL-D Super 80 36W/865 1SL/25	28 mm	1,199.4 mm	1,206.5 mm	1,204.1 mm	1,213.6 mm
MASTER TL-D Super 80 38W/830 SLV/25	28 mm	1,047.0 mm	1,054.1 mm	1,051.7 mm	1,061.2 mm
MASTER TL-D Super 80 58W/835 1SL/25	28 mm	1,500.0 mm	1,507.1 mm	1,504.7 mm	1,514.2 mm
MASTER TL-D Super 80 58W/840 1SL/25	28 mm	1,500.0 mm	1,507.1 mm	1,504.7 mm	1,514.2 mm
MASTER TL-D Super 80 58W/865 1SL/25	28 mm	1,500.0 mm	1,507.1 mm	1,504.7 mm	1,514.2 mm
MASTER TL-D Super 80 70W/840 SLV/25	28 mm	1,763.8 mm	1,770.9 mm	1,768.5 mm	1,778 mm

General Information	
Cap base	G13
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb shape	T8

Light Technical

Order Code	Full Product Name	Chromaticity	Chromaticity	Correlated Colour		Colour	Luminous efficacy	
		Coordinate X (Nom)	Coordinate Y (Nom)	Colour designation	Temperature	rendering index (CRI)	(rated) (nom.)	Luminous Flux
63162640	MASTER TL-D SUPER 80 18W/827 1SL/25	0.463	0.42	Incandescent White	2700 K	82	75 lm/W	1,350 lm
63168840	MASTER TL-D Super 80 18W/835 1SL/25	0.409	0.394	White (WH)	3500 K	82	75 lm/W	1,350 lm

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Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Colour designation	Correlated Colour Temperature	Colour rendering index (CRI)	Luminous efficacy (rated) (nom.)	Luminous Flux
63171840	MASTER TL-D Super 80 18W/840 1SL/25	0.38	0.38	Cool White (CW)	4000 K	81	75 lm/W	1,350 lm
63177040	MASTER TL-D Super 80 18W/865 1SL/25	0.313	0.337	Cool Daylight	6500 K	80	68 lm/W	1,300 lm
63198540	MASTER TL-D Super 80 36W/835 1SL/25	0.409	0.394	White (WH)	3500 K	82	93 lm/W	3,350 lm
63201240	MASTER TL-D Super 80 36W/840 1SL/25	0.38	0.38	Cool White (CW)	4000 K	80	93 lm/W	3,350 lm
63207440	MASTER TL-D Super 80 36W/865 1SL/25	0.313	0.337	Cool Daylight	6500 K	80	84 lm/W	3,200 lm
63216640	MASTER TL-D Super 80 58W/835 1SL/25	0.409	0.394	White (WH)	3500 K	81	90 lm/W	5,240 lm
63219740	MASTER TL-D Super 80 58W/840 1SL/25	0.38	0.38	Cool White (CW)	4000 K	80	90 lm/W	5,240 lm
63225840	MASTER TL-D Super 80 58W/865 1SL/25	0.313	0.337	Cool Daylight	6500 K	80	81 lm/W	5,000 lm
55874940	MASTER TL-D Super 80 1m 36W/830 1SL/25	0.44	0.403	Warm White (WW)	3000 K	82	86 lm/W	3,070 lm
55877040	MASTER TL-D Super 80 1m 36W/840 1SL/25	0.38	0.38	Cool White (CW)	4000 K	80	86 lm/W	3,100 lm
55880040	MASTER TL-D Super 80 38W/830 1SL/25	0.44	0.403	Warm White (WW)	3000 K	82	88 lm/W	3,300 lm
61592340	MASTER TL-D Super 80 70W/840 1SL/25	0.38	0.38	Cool White (CW)	4000 K	81	89 lm/W	6,200 lm

Operating and Electrical

Order Code	Full Product Name	Lamp current (nom.)	Power Consumption
63162640	MASTER TL-D SUPER 80 18W/827 1SL/25	0.360 A	18.2 W
63168840	MASTER TL-D Super 80 18W/835 1SL/25	0.360 A	18.2 W
63171840	MASTER TL-D Super 80 18W/840 1SL/25	0.360 A	18.2 W
63177040	MASTER TL-D Super 80 18W/865 1SL/25	0.360 A	18.2 W
63198540	MASTER TL-D Super 80 36W/835 1SL/25	0.440 A	36.8 W
63201240	MASTER TL-D Super 80 36W/840 1SL/25	0.440 A	36.8 W
63207440	MASTER TL-D Super 80 36W/865 1SL/25	0.440 A	36.8 W

Order Code	Full Product Name	Lamp current (nom.)	Power Consumption
63216640	MASTER TL-D Super 80 58W/835 1SL/25	0.670 A	59.4 W
63219740	MASTER TL-D Super 80 58W/840 1SL/25	0.670 A	59.4 W
63225840	MASTER TL-D Super 80 58W/865 1SL/25	0.670 A	59.4 W
55874940	MASTER TL-D Super 80 1m 36W/830 1SL/25	0.560 A	36.6 W
55877040	MASTER TL-D Super 80 1m 36W/840 1SL/25	0.560 A	36.6 W
55880040	MASTER TL-D Super 80 38W/830 1SL/25	0.430 A	38.2 W
61592340	MASTER TL-D Super 80 70W/840 1SL/25	0.690 A	70.0 W

Approval and Application

MASTER TL-D Super 80

Order Code	Full Product Name	Energy consumption kWh/1,000 hours	Mercury (Hg) content (max.)	Mercury (Hg) content (nom.)
63162640	MASTER TL-D SUPER 80 18W/827 1SL/25	19 kWh	-	1.7 mg
63168840	MASTER TL-D Super 80 18W/835 1SL/25	19 kWh	-	1.7 mg
63171840	MASTER TL-D Super 80 18W/840 1SL/25	19 kWh	-	1.7 mg
63177040	MASTER TL-D Super 80 18W/865 1SL/25	19 kWh	-	1.7 mg
63198540	MASTER TL-D Super 80 36W/835 1SL/25	37 kWh	-	1.7 mg
63201240	MASTER TL-D Super 80 36W/840 1SL/25	37 kWh	-	1.7 mg
63207440	MASTER TL-D Super 80 36W/865 1SL/25	37 kWh	-	1.7 mg

Order Code	Full Product Name	Energy consumption kWh/1,000 hours	Mercury (Hg) content (max.)	Mercury (Hg) content (nom.)
63216640	MASTER TL-D Super 80 58W/835 1SL/25	60 kWh	-	1.7 mg
63219740	MASTER TL-D Super 80 58W/840 1SL/25	60 kWh	-	1.7 mg
63225840	MASTER TL-D Super 80 58W/865 1SL/25	60 kWh	-	1.7 mg
55874940	MASTER TL-D Super 80 1m 36W/830 1SL/25	37 kWh	-	1.7 mg
55877040	MASTER TL-D Super 80 1m 36W/840 1SL/25	37 kWh	-	1.7 mg
55880040	MASTER TL-D Super 80 38W/830 1SL/25	39 kWh	-	1.7 mg
61592340	MASTER TL-D Super 80 70W/840 1SL/25	70 kWh	3 mg	3.0 mg

