



Product Description

MASTER TL-D Super 80

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

Benefits

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

- Highly efficient 3-band fluorescent coating
- Highly efficient 3-band fluorescent coating in combination with New Generation pre-coating technology
- High initial light output compared with standard colors
- High initial light output
- Low mercury dose
- Available in varying colour designations
- Can be used with conventional or electronic gear
- Low mercury dose
- Higher efficacy is achieved with electronic gear

Application

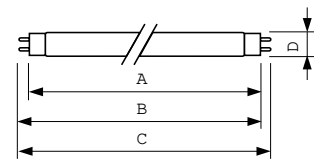
- Suitable for use in a wide range of luminaires for TL-D fluorescent lamps for 'human' applications such as schools, offices, shops, factory halls etc.
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Warnings and Safety

- 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.
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Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
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 36W/830 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 58W/830 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

General Information	
Cap-Base	G13
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	T8
Approval and Application	
Mercury (Hg) Content (Nom)	1.7 mg

Light Technical

Order Code	Full Product Name	Chromaticity	Chromaticity	Color Designation	Correlated Color Temperature (Nom)	Color	Luminous Efficacy (rated) (Nom)	Luminous Flux
		Coordinate X (Nom)	Coordinate Y (Nom)			rendering index (CRI)		
927920084023	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
927921083023	MASTER TL-D Super 80 36W/830 1SL/25	0.44	0.403	Warm White (WW)	3000 K	82	93 lm/W	3,350 lm
927921084023	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
927921086544	MASTER TL-D Super 80 36W/865 1SL/25	0.313	0.337	Cool Daylight	6500 K	80	84 lm/W	3,200 lm

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Order Code	Full Product Name	Chromaticity	Chromaticity	Color Designation	Correlated Color Temperature (Nom)	Color	Luminous Efficacy (rated) (Nom)	Luminous Flux
		Coordinate X (Nom)	Coordinate Y (Nom)			rendering index (CRI)		
927922083023	MASTER TL-D Super 80 58W/830 1SL/25	0.44	0.403	Warm White (WW)	3000 K	82	90 lm/W	5,240 lm
927922084023	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
927922086544	MASTER TL-D Super 80 58W/865 1SL/25	0.313	0.337	Cool Daylight	6500 K	80	81 lm/W	5,000 lm

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power Consumption
927920084023	MASTER TL-D Super 80 18W/840 1SL/25	0.360 A	18.2 W
927921083023	MASTER TL-D Super 80 36W/830 1SL/25	0.440 A	36.8 W
927921084023	MASTER TL-D Super 80 36W/840 1SL/25	0.440 A	36.8 W
927921086544	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
927922083023	MASTER TL-D Super 80 58W/830 1SL/25	0.670 A	59.4 W
927922084023	MASTER TL-D Super 80 58W/840 1SL/25	0.670 A	59.4 W
927922086544	MASTER TL-D Super 80 58W/865 1SL/25	0.670 A	59.4 W

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
927920084023	MASTER TL-D Super 80 18W/840 1SL/25	19 kWh
927921083023	MASTER TL-D Super 80 36W/830 1SL/25	37 kWh
927921084023	MASTER TL-D Super 80 36W/840 1SL/25	37 kWh
927921086544	MASTER TL-D Super 80 36W/865 1SL/25	37 kWh

Order Code	Full Product Name	Energy Consumption kWh/1000 h
927922083023	MASTER TL-D Super 80 58W/830 1SL/25	60 kWh
927922084023	MASTER TL-D Super 80 58W/840 1SL/25	60 kWh
927922086544	MASTER TL-D Super 80 58W/865 1SL/25	60 kWh

