



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.

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Versions



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)	12000 h
Life To 50% Failures (Nom)	15000 h
LSF 12000 h Rated	89 %
LSF 16000 h Rated	33 %
LSF 2000 h Rated	99 %
LSF 20000 h Rated	2 %

Light Technical

Colour Rendering Index (Nom)	>80
LLMF 12000 h Rated	92 %
LLMF 16000 h Rated	91 %
LLMF 2000 h Rated	96 %
LLMF 20000 h Rated	90 %
LLMF 4000 h Rated	95 %
LLMF 6000 h Rated	94 %
LLMF 8000 h Rated	93 %

Mechanical and Housing

Bulb Shape	T8
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Temperature

Design Temperature (Nom)	25 °C
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Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Energy	
			Efficiency Label (EEL)	Mercury (Hg) Content (Nom)
927920582723	MASTER TL-D Super 80 30W/827 SLV/25	36 kWh	A	2.0 mg
927921083523	MASTER TL-D Super 80 36W/835 1SL/25	42 kWh	A	2.0 mg
927922082723	MASTER TL-D Super 80 58W/827 1SL/25	68 kWh	A	2.0 mg
927922083023	MASTER TL-D Super 80 58W/830 1SL/25	68 kWh	A	2.0 mg
927922283014	MASTER TL-D Super 80 15W/830 SLV/25	19 kWh	B	2.0 mg
927922284014	MASTER TL-D Super 80 15W/840 SLV/25	19 kWh	B	2.0 mg
927922286514	MASTER TL-D Super 80 15W/865 1SL/25	19 kWh	B	2.0 mg
927923884014	MASTER TL-D Super 80 70W/840 SLV/25	81 kWh	A	3.0 mg

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)	Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
927920582723	MASTER TL-D Super 80 30W/827 SLV/25	0.360 A	30.0 W	927922082723	MASTER TL-D Super 80 58W/827 1SL/25	0.670 A	58.5 W
927921083523	MASTER TL-D Super 80 36W/835 1SL/25	0.440 A	36.0 W	927922083023	MASTER TL-D Super 80 58W/830 1SL/25	0.670 A	58.5 W

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Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
927922283014	MASTER TL-D Super 80 15W/830 SLV/25	0.340 A	15.0 W
927922284014	MASTER TL-D Super 80 15W/840 SLV/25	0.335 A	15.0 W

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
927922286514	MASTER TL-D Super 80 15W/865 1SL/25	0.335 A	15.0 W
927923884014	MASTER TL-D Super 80 70W/840 SLV/25	0.690 A	70.0 W

General Information

Order Code	Full Product Name	LSF 4000 h Rated	LSF 6000 h Rated	LSF 8000 h Rated
927920582723	MASTER TL-D Super 80 30W/827 SLV/25	97 %	96 %	95 %
927921083523	MASTER TL-D Super 80 36W/835 1SL/25	99 %	99 %	99 %
927922082723	MASTER TL-D Super 80 58W/827 1SL/25	99 %	99 %	99 %
927922083023	MASTER TL-D Super 80 58W/830 1SL/25	99 %	99 %	99 %

Order Code	Full Product Name	LSF 4000 h Rated	LSF 6000 h Rated	LSF 8000 h Rated
927922283014	MASTER TL-D Super 80 15W/830 SLV/25	99 %	99 %	99 %
927922284014	MASTER TL-D Super 80 15W/840 SLV/25	99 %	99 %	99 %
927922286514	MASTER TL-D Super 80 15W/865 1SL/25	99 %	99 %	99 %
927923884014	MASTER TL-D Super 80 70W/840 SLV/25	97 %	96 %	95 %

Light Technical (1/2)

Order Code	Full Product Name	Colour Code	Colour Designation	Correlated Colour Temperature (Nom)	Luminous Efficacy (rated) (Nom)
927920582723	MASTER TL-D Super 80 30W/827 SLV/25	827	Incandescent White	2700 K	80 lm/W
927921083523	MASTER TL-D Super 80 36W/835 1SL/25	835	White (WH)	3500 K	93 lm/W
927922082723	MASTER TL-D Super 80 58W/827 1SL/25	827	Incandescent White	2700 K	90 lm/W
927922083023	MASTER TL-D Super 80 58W/830 1SL/25	830	Warm white (WW)	3000 K	90 lm/W

Order Code	Full Product Name	Colour Code	Colour Designation	Correlated Colour Temperature (Nom)	Luminous Efficacy (rated) (Nom)
927922283014	MASTER TL-D Super 80 15W/830 SLV/25	830	Warm white (WW)	3000 K	67 lm/W
927922284014	MASTER TL-D Super 80 15W/840 SLV/25	840	Cool White (CW)	4000 K	67 lm/W
927922286514	MASTER TL-D Super 80 15W/865 1SL/25	865	Cool Daylight	6500 K	-
927923884014	MASTER TL-D Super 80 70W/840 SLV/25	840	Cool White (CW)	4100 K	89 lm/W

Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
927920582723	MASTER TL-D Super 80 30W/827 SLV/25	2400 lm	2400 lm
927921083523	MASTER TL-D Super 80 36W/835 1SL/25	3350 lm	3350 lm

Order Code	Full Product Name	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
927922082723	MASTER TL-D Super 80 58W/827 1SL/25	5240 lm	5240 lm
927922083023	MASTER TL-D Super 80 58W/830 1SL/25	5240 lm	5240 lm

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Order Code	Full Product Name	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
927922283014	MASTER TL-D Super 80 15W/830 SLV/25	1000 lm	1000 lm
927922284014	MASTER TL-D Super 80 15W/840 SLV/25	1000 lm	1000 lm

Order Code	Full Product Name	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
927922286514	MASTER TL-D Super 80 15W/865 1SL/25	930 lm	930 lm
927923884014	MASTER TL-D Super 80 70W/840 SLV/25	6200 lm	6200 lm

