



Product Description

MASTER TL-D Xtra

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

Benefits

- Longer lifetime and less early failures lead to less hassle and lower maintenance costs and facilitate the change from spot to group replacement
- Less waste and disposal cost at end-of-life
- Special fluorescent coating gives good colour rendering

Features

- Significant reduction of early failures based upon a new technology (patent pending)
- Extra long and reliable lifetime
- Highly efficient 3-band fluorescent coating in combination with New Generation pre-coating technology
- Low mercury dose for a long-life lamp
- Fully recyclable lamp technology
- End-cap has an x-shaped green bottom plate to distinguish the lamp from other fluorescent lamps

Application

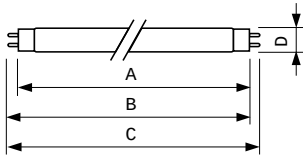
- Suitable for use in applications where maintenance costs are high (high ceilings, difficult to reach): department stores, supermarkets, warehouses, production halls, offices and public areas like car parks and railway stations

MASTER TL-D Xtra

Versions



Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D Xtra 58W/865 SLV	28 mm	1500.0 mm	1507.1 mm	1504.7 mm	1514.2 mm
MASTER TL-D Xtra 18W/840 SLV/25	28 mm	589.8 mm	596.9 mm	594.5 mm	604.0 mm
MASTER TL-D Xtra 18W/865 SLV	28 mm	589.8 mm	596.9 mm	594.5 mm	604.0 mm
MASTER TL-D Xtra 58W/840 SLV/25	28 mm	1500.0 mm	1507.1 mm	1504.7 mm	1514.2 mm
MASTER TL-D Xtra 36W/840 SLV/25	28 mm	1199.4 mm	1206.5 mm	1204.1 mm	1213.6 mm
MASTER TL-D Xtra 36W/865 SLV	28 mm	1199.4 mm	1206.5 mm	1204.1 mm	1213.6 mm

MASTER TL-D Xtra

Approval and Application

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	3.0 mg

Controls and Dimming

Dimmable	yes
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General Information

Cap-Base	G13
Life To 50% Failures Preheat (Nom)	55000 h
Life To 10% Failures (Nom)	30000 h
Life To 50% Failures (Nom)	36000 h
LSF 2000 h Rated	100 %

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
927980486514	MASTER TL-D Xtra 18W/865 SLV	22 kWh
927983484014	MASTER TL-D Xtra 58W/840 SLV/25	68 kWh
927983486514	MASTER TL-D Xtra 58W/865 SLV	68 kWh

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
927980486514	MASTER TL-D Xtra 18W/865 SLV	0.370 A	17.7 W
927983484014	MASTER TL-D Xtra 58W/840 SLV/25	0.665 A	58.5 W

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
927983486514	MASTER TL-D Xtra 58W/865 SLV	0.665 A	58 W

General Information (1/2)

Order Code	Full Product Name	LSF 12000 h Rated	LSF 16000 h Rated	LSF 20000 h Rated	LSF 4000 h Rated
927980486514	MASTER TL-D Xtra 18W/865 SLV	100 %	100 %	100 %	100 %
927983484014	MASTER TL-D Xtra 58W/840 SLV/25	99 %	99 %	99 %	99 %

Order Code	Full Product Name	LSF 12000 h Rated	LSF 16000 h Rated	LSF 20000 h Rated	LSF 4000 h Rated
927983486514	MASTER TL-D Xtra 58W/865 SLV	99 %	99 %	99 %	99 %

General Information (2/2)

Order Code	Full Product Name	LSF 6000 h Rated	LSF 8000 h Rated
927980486514	MASTER TL-D Xtra 18W/865 SLV	100 %	100 %
927983484014	MASTER TL-D Xtra 58W/840 SLV/25	99 %	99 %

Order Code	Full Product Name	LSF 6000 h Rated	LSF 8000 h Rated
927983486514	MASTER TL-D Xtra 58W/865 SLV	99 %	99 %

Light Technical (1/2)

MASTER TL-D Xtra

Order Code	Full Product Name	Colour Code	Colour Designation	Correlated Colour Temperature (Nom)	Luminous Efficacy (rated) (Nom)
927980486514	MASTER TL-D Xtra 18W/865 SLV	865	Cool Daylight	6500 K	71 lm/W
927983484014	MASTER TL-D Xtra 58W/840 SLV/25	840	Cool White (CW)	4000 K	91 lm/W

Order Code	Full Product Name	Colour Code	Colour Designation	Correlated Colour Temperature (Nom)	Luminous Efficacy (rated) (Nom)
927983486514	MASTER TL-D Xtra 58W/865 SLV	865	Cool Daylight	6500 K	86 lm/W

Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
927980486514	MASTER TL-D Xtra 18W/865 SLV	1250 lm	1250 lm
927983484014	MASTER TL-D Xtra 58W/840 SLV/25	5200 lm	5200 lm

Order Code	Full Product Name	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
927983486514	MASTER TL-D Xtra 58W/865 SLV	5000 lm	5000 lm

