

2016, September 19
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Product Description

MASTER TL-D 90 Graphica

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

Benefits

- Excellent colour rendering. Making representation of colours extremely realistic
- Lamp developed to answer the needs of the demanding graphical industry (consistent with the strict standards for the graphical industry defined in EN-12464)
- Very accurate colour point
- Attractive packaging configuration
- Direct retrofit for all Standard and Super 80 TL-D lamps operating on conventional or electronic gear
- Choice of daylight and cool daylight colours

Features

- High-quality fluorescent coating
- Available in two colour designations

Application

- Used in applications where excellent colour rendering is crucial, such as the graphical industry, printing industry, photo shops, hospitals, 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.

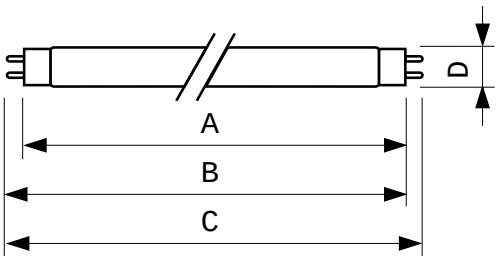
PHILIPS

Related products



G13, T8

Dimensional drawing



TL-D Graphica 58W/965

Product	D	A	B	B	C
MASTER TL-D 90 Graphica 58W/965 SLV/10	28 mm	1500.0 mm	1507.1 mm	1504.7 mm	1514.2 mm

G13, T8

General Information (1/2)

order code	Bulb Shape	Cap-Base	Life To 50% Failures Preheat (Nom)	Life To 10% Failures (Nom)	Life To 50% Failures (Nom)	LSF 12000 h Rated	LSF 16000 h Rated	LSF 2000 h Rated	LSF 20000 h Rated	LSF 4000 h Rated
88850125	T8	G13	20000	12000	15000	89	33	99	2	99
88852525	T8	G13	20000	12000	15000	89	33	99	2	99
88864825	T8	G13	20000	12000	15000	89	33	99	2	99
88836525	T8	G13	20000	12000	15000	89	33	99	2	99
88875425	T8	G13	20000	12000	15000	89	33	99	2	99
88877825	T8	G13	20000	12000	15000	89	33	99	2	99

General Information (2/2)

order code	LSF 6000 h Rated	LSF 8000 h Rated
88850125	99	99
88852525	99	99
88864825	99	99

order code	LSF 6000 h Rated	LSF 8000 h Rated
88836525	99	99

order code	LSF 6000 h Rated	LSF 8000 h Rated
88875425	99	99
88877825	99	99

Light Technical (1/2)

order code	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Color Designation	Correlated Color Temperature (Nom)	Color Rendering Index (Nom)	LLMF 12000 h Rated	LLMF 16000 h Rated	LLMF 2000 h Rated	LLMF 20000 h Rated	LLMF 4000 h Rated
88850125	348	360	Daylight	5300	95	82	80	93	78	90
88852525	309	323	Cool Daylight	6500	98	82	80	93	78	90
88864825	348	360	Daylight	5300	95	82	80	93	78	90
88836525	310	323	Cool Daylight	6500	98	82	80	93	78	90
88875425	348	360	Daylight	5300	95	82	80	93	78	90
88877825	311	324	Cool Daylight	6500	98	82	80	93	78	90

Light Technical (2/2)

order code	LLMF 6000 h Rated	LLMF 8000 h Rated	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
88850125	88	85	52.8	990	990
88852525	88	85	51.7	930	930
88864825	88	85	65	2330	2330
88836525	88	85	58.3	2100	2100
88875425	88	85	62.7	3750	3750
88877825	88	85	57.3	3350	3350

Operating and Electrical

order code	Lamp Current (Nom)	Power (Rated) (Nom)
88850125	0.360	18.0
88852525	0.360	18
88864825	0.440	36.0
88836525	0.440	36.0
88875425	0.670	58.5
88877825	0.670	58.5

Temperature

order code	Design Temperature (Nom)
88850125	25
88852525	25
88864825	25
88836525	25
88875425	25
88877825	25

Approval and Application

order code	Energy Consumption kWh/1000 h	Energy Efficiency Label (EEL)	Mercury (Hg) Content (Nom)
88850125	22	B	3.0
88852525	22	B	3.0
88864825	43	B	3.0
88836525	43	B	3.0
88875425	69	B	3.0
88877825	69	B	3.0

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