



Product Description

MASTER TL-D Reflex

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

Benefits

- Internal reflector directs the light where it is needed
- Energy savings of 30-50% in non-reflector luminaires without loss of light
- Internal reflector is not affected by dust accumulation (in contrast to normal TL-D lamps)
- Relatively high efficacy, both initially and during lifetime, with high lumen maintenance

Features

- Internal reflector directs the light via a 160° 'window'
- Reflector directs 85% of the light downwards avoiding wasted light
- Direct retrofit for existing fluorescent fittings operating on conventional or HF gear
- High-quality lighting with good colour rendering (CRI>80)
- Light output comparable to other TL-D Super 80 colours
- Lumen maintenance and lifetime the same as other TL-D Super 80 colours
- Dimmable

Application

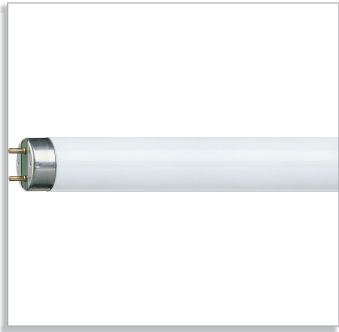
- Luminaires without reflectors or with only simple reflectors, mainly found in industry and shops / supermarkets

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

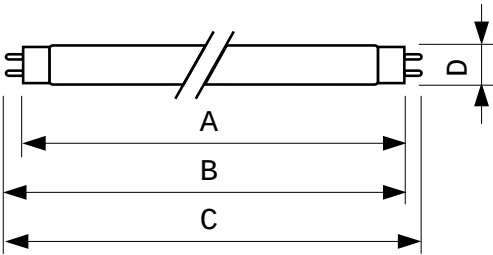


G13, T8

Dimensional drawing

TL-D Reflex 58W/840

Product	D	A	B	B	C
MST TL-D Reflex 58W/840 1 SLV/25	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
63647840	T8	G13	20000	12000	15000	89	33	99	2	99
55953140	T8	G13	20000	12000	15000	89	33	99	2	99
55962340	T8	G13	20000	12000	15000	89	33	99	2	99

General Information (2/2)

order code	LSF 6000 h Rated	LSF 8000 h Rated
63647840	99	99
55953140	99	99

order code	LSF 6000 h Rated	LSF 8000 h Rated
55962340	99	99

Light Technical (1/2)

order code	Beam Description	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
63647840	FA160	378	373	Cool White (CW)	4100	85	92	91	96	90
55953140	FA160	377	372	Cool White (CW)	4100	85	92	91	96	90
55962340	FA160	376	374	Cool White (CW)	4100	85	92	91	96	90

Light Technical (2/2)

order code	LLMF 4000 h Rated	LLMF 6000 h Rated	LLMF 8000 h Rated	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
63647840	95	94	93	75.0	1350	1350
55953140	95	94	93	93.1	3350	3350
55962340	95	94	93	89.6	5240	5240

Operating and Electrical

order code	Lamp Current (Nom)	Power (Rated) (Nom)
63647840	0.360	18.0
55953140	0.440	36.0
55962340	0.670	58.5

Approval and Application

order code	Energy Consumption kWh/1000 h	Energy Efficiency Label (EEL)	Mercury (Hg) Content (Nom)
63647840	22	A	5.0
55953140	42	A	5.0
55962340	68	A	5.0

Mechanical and Housing

order code	Bulb Finish
63647840	Reflector
55953140	Reflector
55962340	Reflector

Temperature

order code	Design Temperature (Nom)
63647840	25
55953140	25
55962340	25



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