



MASTER TL5 High Output

MASTER TL5 HO 80W/840 1SL/40

Low-pressure mercury discharge lamps with a tubular 16 mm envelope

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.

Product data

General Information		Luminous Efficacy (rated) (Nom)	
Cap-Base	G5 [G5]		82 lm/W
Life to 50% Failures Preheat (Nom)	30000 h	Colour Rendering Index horiz (Max)	85
Features	HO Alto® [High Output Alto]	Colour Rendering Index horiz (Min)	80
System Description	High Output (HO)	Colour Rendering Index horiz (Nom)	82
LSF Preheat 2000 h Rated	99 %	Depreciation 2000 hrs	96 %
LSF Preheat 4000 h Rated	99 %	LLMF 4000 h Rated	95 %
LSF Preheat 6000 h Rated	99 %	Depreciation 5000 hrs	94 %
LSF Preheat 8000 h Rated	99 %	LLMF 8000 h Rated	93 %
LSF Preheat 16000 h Rated	97 %	LLMF 12000 h Rated	92 %
LSF Preheat 20000 h Rated	84 %	LLMF 16000 h Rated	91 %
		LLMF 20000 h Rated	90 %
Light Technical		Operating and Electrical	
Colour Code	840 [CCT of 4000K]	Power (Rated) (Nom)	79.8 W
Luminous Flux (Nom)	7000 lm	Lamp Current (Nom)	0.530 A
Luminous Flux (Rated) (Nom)	6550 lm		
Colour Designation	Cool White (CW)	Temperature	
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	88 lm/W	Design Temperature (Nom)	35 °C
Colour Temperature, horizontal (Nom)	4000 K		

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Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Cap-Base Information	Green Plate
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Approval and Application

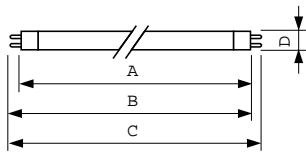
Energy Efficiency Label	A
Mercury (Hg) Content (Nom)	1.4 mg
Energy Consumption kWh/1000 h	88 kWh

Product Data

Full product code	871150071045155
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Order product name	MASTER TL5 HO 80W/840 SLV/40
EAN/UPC - Product	8711500710451
Order code	71045155
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	927929584057
Net Weight (Piece)	128.700 g
ILCOS Code	FDH-80/40/1B-L/P-G5-16/1450

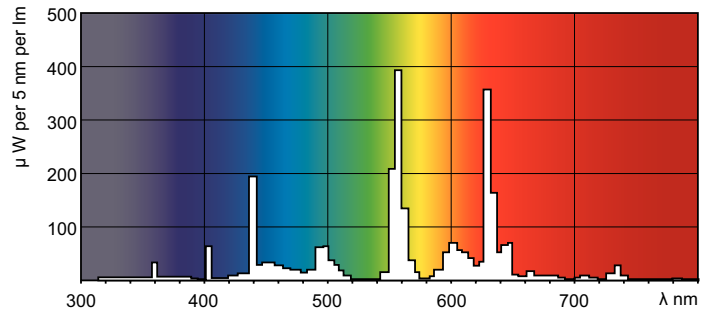
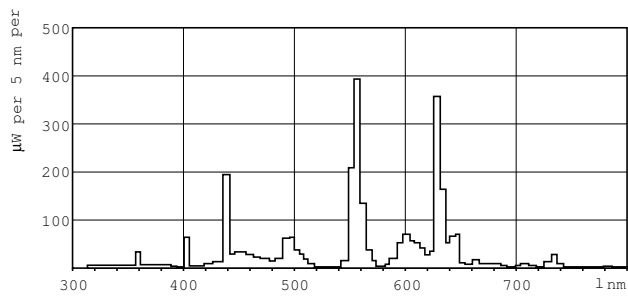
Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO 80W/840 SLV/40	17 mm	1449.0 mm	1456.1 mm	1453.7 mm	1463.2 mm

TL5 HO 80W/840

Photometric data

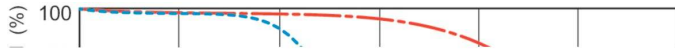


Lightcolour /840

Lightcolour /840

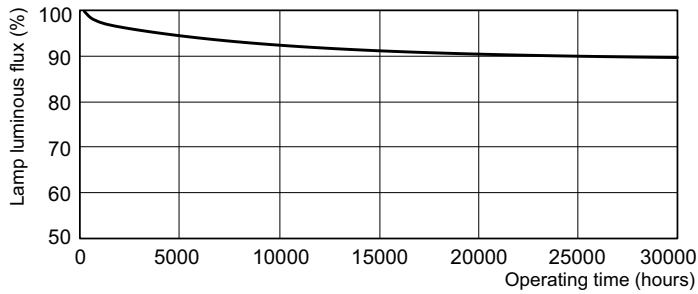
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Lifetime



LDLE_TL5-HO8_0001-Life expectancy diagram

LDLE_TL5-HO8_0002-Life expectancy diagram



LDLM_TL5-HO8_0001-Lumen maintenance diagram

