



MASTER TL5 High Output



MASTER TL5 HO 80W/840 SLV/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	
Cap base	G5 [G5]
Life to 50% failures preheat (nom.)	30000 h
Features	HO Alto® [High Output Alto]
System description	High Output (HO)
LSF preheat 2,000 hours rated	99 %
LSF preheat 4,000 hours rated	99 %
LSF preheat 6,000 hours rated	99 %
LSF preheat 8,000 hours rated	99 %
LSF preheat 16,000 hours rated	97 %
LSF preheat 20,000 hours rated	84 %
	Sphere
Light Technical	
Colour Code	840 [CCT of 4,000 K]
Lamp Luminous Flux 25°C EL (Nom)	6550 lm
Lamp Luminous Flux (Nom)	6550 lm
Colour Designation	Cool White (CW)
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	88 lm/W

Chromaticity coordinate X (nom.)	0.38
Chromaticity coordinate Y (nom.)	0.38
Colour Temperature, horizontal (Nom)	4000 K
Lamp Luminous Efficacy EM (Nom)	82 lm/W
Colour Rendering Index,horiz (Max)	85
Colour Rendering Index,horiz (Min)	80
Colour Rendering Index,horiz (Nom)	81
LLMF 2000 h Rated	96 %
LLMF 4000 h Rated	95 %
LLMF 6000 h Rated	94 %
LLMF 8000 h Rated	93 %
LLMF 12000 h Rated	92 %
LLMF 16000 h Rated	91 %
LLMF 20000 h Rated	90 %

Operating and Electrical	
Power (Rated) (Nom)	79.8 W
Lamp current (nom.)	0.530 A

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Temperature

Design temperature (nom.)	35 °C
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Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Cap-base information	Green Plate
Bulb shape	T5 [16 mm (T5)]

Approval and Application

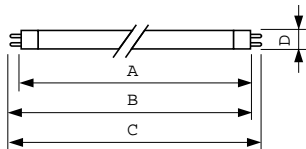
Energy Efficiency Class	G
Mercury (Hg) content (max.)	1.4 mg
Mercury (Hg) content (nom.)	1.4 mg
Energy consumption kWh/1,000 hours	80 kWh

423571

Product Data

Full product code	871150071045155
Order product name	MASTER TL5 HO 80W/840 SLV/40
EAN/UPC – product	8711500710451
Order code	927929584057
SAP numerator – quantity per pack	1
Numerator – packs per outer box	40
SAP material	927929584057
SAP net weight (piece)	128.700 g
ILCOS code	FDH-80/40/1B-L/P-G5-16/1450

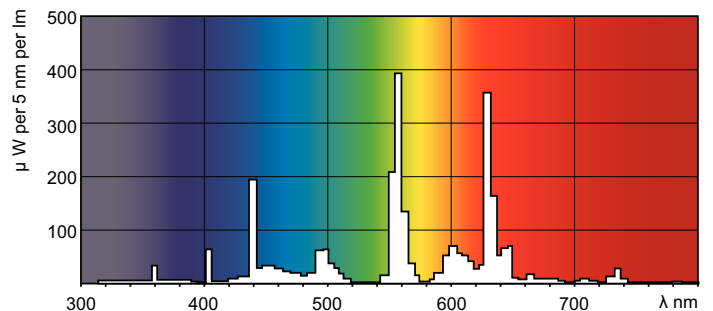
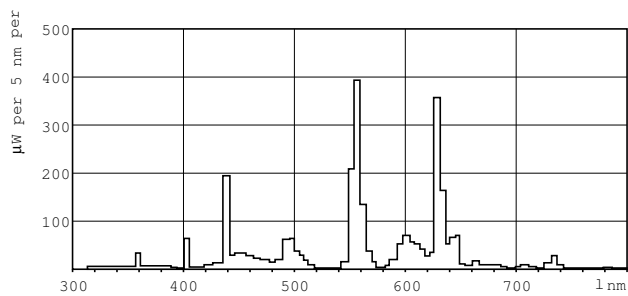
Dimensional drawing



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

