



MASTER TL5 High Output

MASTER TL5 HO 80W/865 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		Operating and Electrical	
Cap base	G5 [G5]	Luminous efficacy (rated) (nom.)	79 lm/W
Life to 50% failures preheat (nom.)	30000 h	Color rendering index (max.)	85
Features	na [Not Applicable]	Colour-rendering index (min.)	80
System description	High Output (HO)	Colour rendering index (nom.)	82
LSF preheat 2,000 hours rated	99 %	LLMF 2000 h Rated	96 %
LSF preheat 4,000 hours rated	99 %	LLMF 4000 h Rated	95 %
LSF preheat 6,000 hours rated	99 %	LLMF 6000 h Rated	94 %
LSF preheat 8,000 hours rated	99 %	LLMF 8000 h Rated	93 %
LSF preheat 16,000 hours rated	97 %	LLMF 12000 h Rated	92 %
LSF preheat 20,000 hours rated	84 %	LLMF 16000 h Rated	91 %
		LLMF 20000 h Rated	90 %
Light Technical		Temperature	
Colour Code	865 [CCT of 6,500 K]	Power (Rated) (Nom)	80 W
Luminous flux (nom.)	6300 lm	Lamp current (nom.)	0.530 A
Luminous flux (rated) (nom.)	6300 lm		
Colour designation	Cool Daylight		
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	83 lm/W		
Correlated Colour Temperature (Nom)	6500 K	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
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Approval and Application

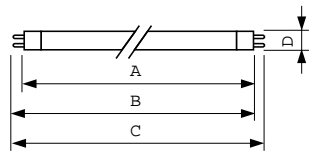
Energy efficiency label (EEL)	A
Mercury (Hg) content (nom.)	1.4 mg
Energy consumption kWh/1,000 hours	88 kWh

Product Data

Full product code	871150071047555
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Order product name	MASTER TL5 HO 80W/865 SLV/40
EAN/UPC – product	8711500710475
Order code	71047555
Local code	80865
SAP numerator – quantity per pack	1
Numerator – packs per outer box	40
Material no. (12 NC)	927929586557
SAP net weight (piece)	127.400 g
ILCOS code	FDH-80/65/1B-L/P-G5-16/1450

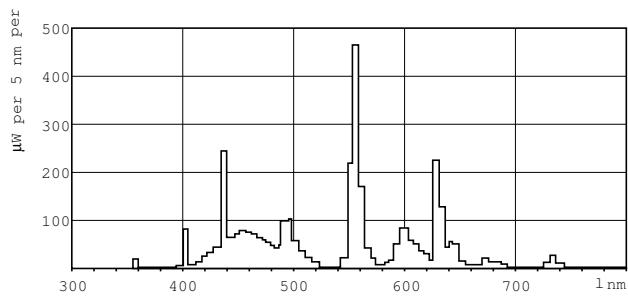
Dimensional drawing



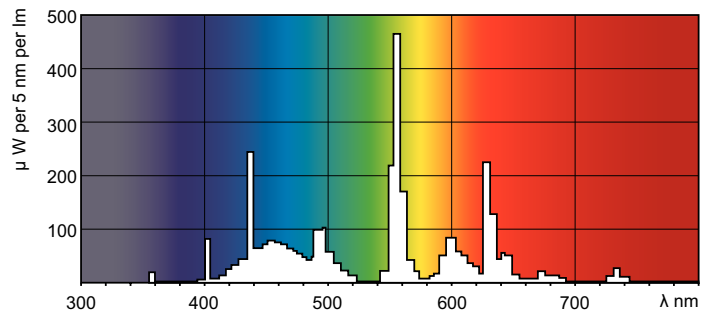
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO 80W/865 SLV/40	17 mm	1449.0 mm	1456.1 mm	1453.7 mm	1463.2 mm

TL5 HO 80W/865

Photometric data



Lightcolour /865



Lightcolour /865

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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

