



MASTER TL5 High Efficiency

MASTER TL5 HE 28W/827 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.)	24000 h
Features	na [Not Applicable]
System description	High Efficiency
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	827 [CCT of 2,700 K]
Lamp Luminous Flux 25°C EL (Nom)	2675 lm
Lamp Luminous Flux (Nom)	2675 lm
Colour Designation	Incandescent White
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	104 lm/W

Chromaticity coordinate X (nom.)	0.463
Chromaticity coordinate Y (nom.)	0.42
Colour Temperature, horizontal (Nom)	2700 K
Lamp Luminous Efficacy EM (Nom)	96 lm/W
Colour Rendering Index,horiz (Max)	85
Colour Rendering Index,horiz (Min)	80
Colour Rendering Index,horiz (Nom)	82
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)	28.1 W
Lamp current (nom.)	0.170 A

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Temperature	
Design temperature (nom.)	35 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Cap-base information	Green Plate
Bulb shape	T5 [16 mm (T5)]
Approval and Application	
Energy Efficiency Class	F
Mercury (Hg) content (nom.)	1.2 mg
Energy consumption kWh/1,000 hours	29 kWh

	423457
Product Data	
Full product code	871150064322355
Order product name	MASTER TL5 HE 28W/827 SLV/40
EAN/UPC – product	8711500643223
Order code	927926582755
SAP numerator – quantity per pack	1
Numerator – packs per outer box	40
SAP material	927926582755
SAP net weight (piece)	105.800 g
ILCOS code	FDH-28/27/1B-L/P-G5-16/1150

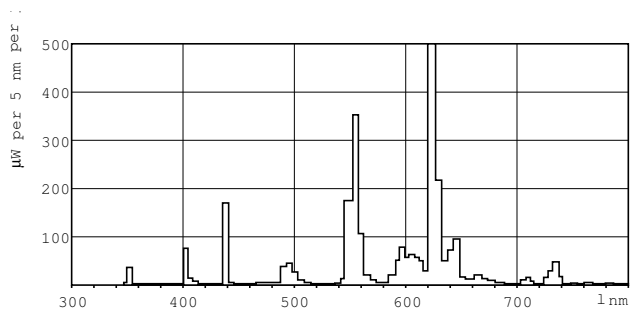
Dimensional drawing



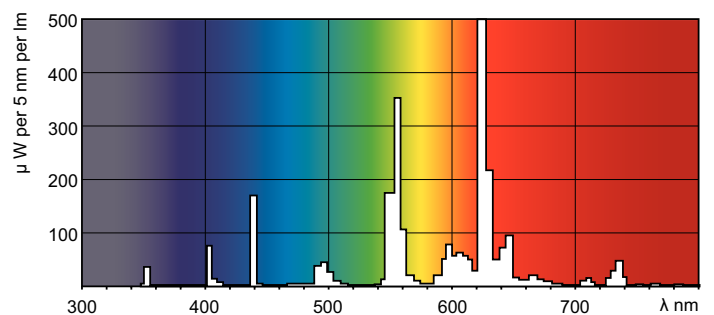
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE 28W/827 SLV/40	17 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm

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Photometric data



Lightcolour /827



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Lifetime



LDLE_TL5-HE8_0001-Life expectancy diagram

LDLE_TL5-HE8_0002-Life expectancy diagram



LDLM_TL5-HE8_0001-Lumen maintenance diagram

