

MASTER TL5 High Efficiency

MASTER TL5 HE 28W/827 1SL/40

This TL5 lamp (tube diameter 16 mm) has a high luminous efficacy, resulting in low energy consumption. The High Efficiency TL5 lamp offers excellent lumen maintenance and good color rendering. Application areas are offices, industry, public and governmental buildings, schools, hospitals and indoor sports lighting.

Product data

• General Information

Cap base	G5 [G5]
Bulb shape	T5 [16 mm (T5)]
Life to 50% failures preheat (nom.)	24000 h
Features	na [Not Applicable]
System description	High Efficiency
LSF Preheat 2000 h Rated	99 %
LSF Preheat 4000 h Rated	99 %
LSF Preheat 6000 h Rated	99 %
LSF Preheat 8000 h Rated	99 %
LSF Preheat 16000 h Rated	97 %
LSF Preheat 20000 h Rated	84 %

• Light Technical

Luminous flux (nom.)	2900 lm
Luminous flux (rated) (nom.)	2625 lm
Colour designation	Incandescent White
Luminous efficacy (@ max. lumen, rated) (nom.)	104 lm/W
Chromaticity coordinate X (nom.)	463
Chromaticity coordinate Y (nom.)	420
Correlated colour temperature (nom.)	2700 K
Luminous efficacy (rated) (nom.)	94 lm/W
Color rendering index (max.)	85
Color rendering index (min.)	80
Color rendering index (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)	27.9 W
Lamp current (nom.)	0.170 A

• Temperature

Design temperature (nom.)	35 °C

• Controls and Dimming

Dimmable	Yes

• Mechanical and Housing

Cap base information	Green Plate

• Approval and Application

Energy efficiency label (EEL)	A+

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Mercury (Hg) content (nom.)	1.4 mg
Energy Consumption kWh/1000 h	31 kWh

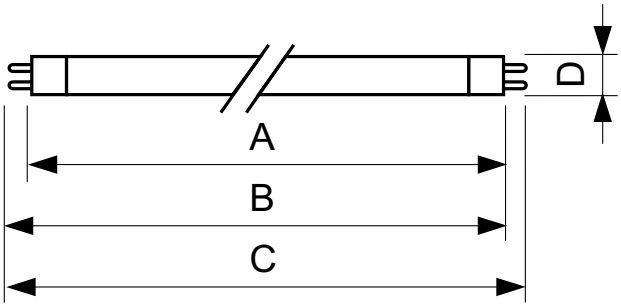
- Product Data

Full product code	871150064322355
Order product name	MASTER TL5 HE 28W/827 SLV/40
EAN/UPC – product	8711500643223
Order code	64322355
Numerator – quantity per pack	1
Numerator – packs per outer box	40
Material no. (12NC)	927926582755
Net weight (piece)	96.600 g
ILCOS Code	FDH-28/27/1B-L/P-G5-16/1150

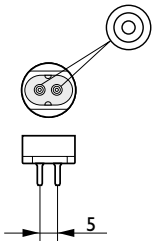
Warnings and Safety

- 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.

Dimensional drawing



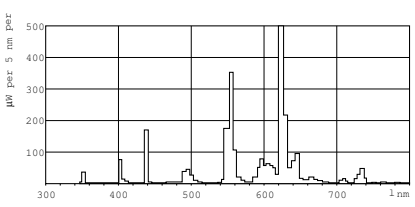
G5, T5

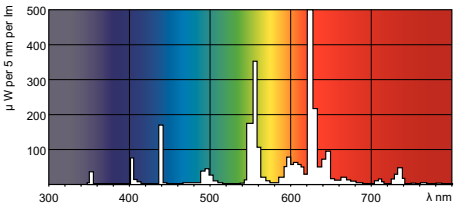


TL5 28W/827/GP HE

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

Photometric data





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data subject to change