



MASTER TL5 High Efficiency

MASTER TL5 HE 28W/835 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		Correlated colour temperature (nom.)	
Cap base	G5 [G5]		3500 K
Life to 50% failures preheat (nom.)	24000 h	Luminous efficacy (rated) (nom.)	94 lm/W
Features	na [Not Applicable]	Color rendering index (max.)	85
System description	High Efficiency	Color rendering index (min.)	80
LSF Preheat 2000 h Rated	99 %	Color rendering index (nom.)	82
LSF Preheat 4000 h Rated	99 %	LLMF 2000 h Rated	96 %
LSF Preheat 6000 h Rated	99 %	LLMF 4000 h Rated	95 %
LSF Preheat 8000 h Rated	99 %	LLMF 6000 h Rated	94 %
LSF Preheat 16000 h Rated	97 %	LLMF 8000 h Rated	93 %
LSF Preheat 20000 h Rated	84 %	LLMF 12000 h Rated	92 %
		LLMF 16000 h Rated	91 %
		LLMF 20000 h Rated	90 %
Light Technical		Operating and Electrical	
Luminous flux (nom.)	2900 lm	Power (Rated) (Nom)	27.9 W
Luminous flux (rated) (nom.)	2625 lm	Lamp current (nom.)	0.170 A
Colour designation	White (WH)		
Luminous efficacy (@ max. lumen, rated) (nom.)	104 lm/W		
Chromaticity coordinate X (nom.)	409		
Chromaticity coordinate Y (nom.)	394		

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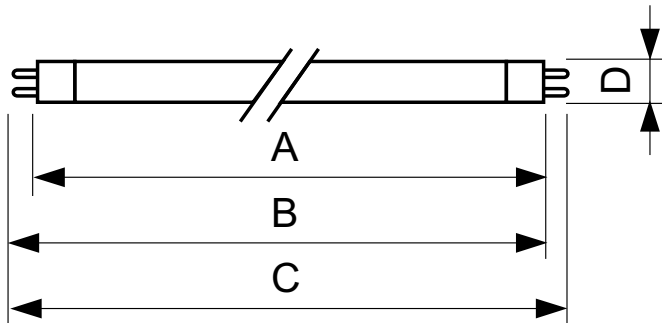
Temperature	
Design temperature (nom.)	35 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Cap base information	Green Plate
Approval and Application	
Energy efficiency label (EEL)	A+
Mercury (Hg) content (nom.)	1.4 mg
Energy Consumption kWh/1000 h	31 kWh

Product Data	
Full product code	871150071004855
Order product name	MASTER TL5 HE 28W/835 SLV/40
EAN/UPC – product	8711500710048
Order code	71004855
Numerator – quantity per pack	1
Numerator – packs per outer box	40
Material no. (12NC)	927926583555
Net weight (piece)	104.500 g
ILCOS Code	FDH-28/35/1B-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.

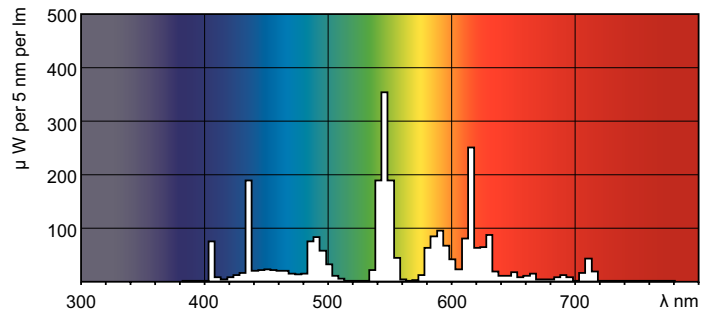
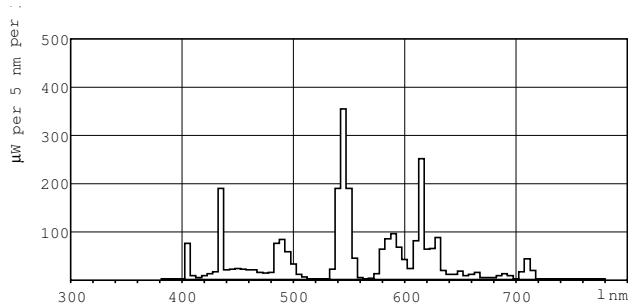
Dimensional drawing



TL5 28W/835/GP HE

Product	D	A	B	B	C
MASTER TL5 HE 28W/835 SLV/40	17 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm

Photometric data



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