

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

Cap base	G5 [G5]
Bulb shape	T5 [16 mm (T5)]
Life to 50% failures preheat (nom.)	24000 h
Features	na [Not Applicalbe]
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	White (WH)
Luminous efficacy (@ max. lumen, rated) (nom.)	104 lm/W
Chromaticity coordinate X (nom.)	409
Chromaticity coordinate Y (nom.)	394
Correlated colour temperature (nom.)	3500 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+

PHILIPS

MASTER TL5 High Efficiency

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

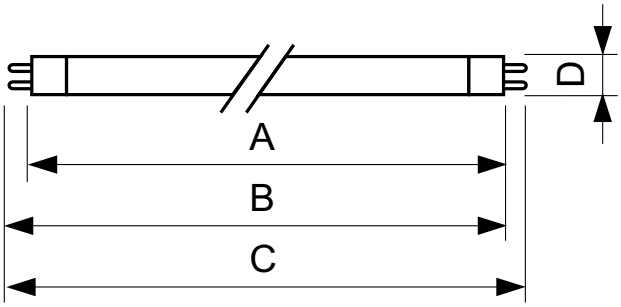
- Product Data

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

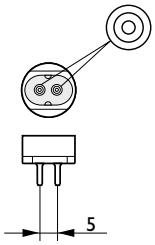
Warnings and Safety

- 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



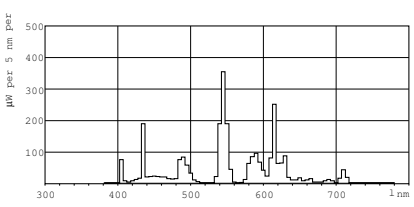
G5, T5

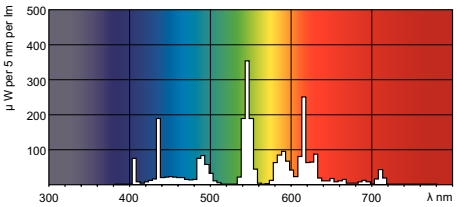


TL5 28W/835/GP HE

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







© 2016 Philips Lighting Holding B.V.
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

www.philips.com/lighting

2016, October 10
data subject to change