

MASTER TL5 High Output

MASTER TL5 HO 80W/840 1SL/40

This TL5 lamp (tube diameter 16 mm) offers high light output. The TL5 HO lamp is optimized for installations requiring high light output and offers excellent lumen maintenance and color rendering. Application areas vary from offices and industry to schools and retail environments.

Product data

• General Information

Cap base	G5 [G5]
Bulb shape	T5 [16 mm (T5)]
Life to 50% failures preheat (nom.)	30000 h
Features	HO Alto® [High Output Alto]
System description	High Output (HO)
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

Colour code	841 [CCT of 4100K (841)]
Luminous flux (nom.)	7000 lm
Luminous flux (rated) (nom.)	6550 lm
Colour designation	Cool White (CW)
Luminous efficacy (@ max. lumen, rated) (nom.)	88 lm/W
Chromaticity coordinate X (nom.)	380
Chromaticity coordinate Y (nom.)	380
Correlated colour temperature (nom.)	4100 K
Luminous efficacy (rated) (nom.)	82 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)	79.8 W
Lamp current (nom.)	0.530 A

• Temperature

Design temperature (nom.)	35 °C

• Controls and Dimming

Dimmable	Yes

• Mechanical and Housing

Cap base information	Green Plate

PHILIPS

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- Approval and Application

Energy efficiency label (EEL)	A
Mercury (Hg) content (nom.)	1.4 mg
Energy Consumption kWh/1000 h	88 kWh

- Product Data

Full product code	871150071045155

Order product name	MASTER TL5 HO 80W/840 SLV/40
EAN/UPC – product	8711500710451
Order code	71045155
Numerator – quantity per pack	1
Numerator – packs per outer box	40
Material no. (12NC)	927929584057
Net weight (piece)	128.700 g
ILCOS Code	FDH-80/40/1B-L/P-G5-16/1450

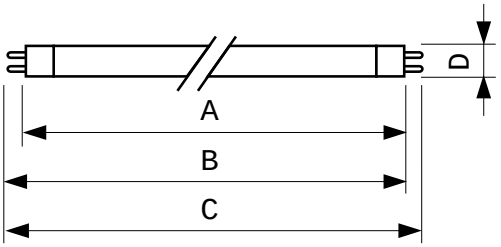
Warnings and Safety

- 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.

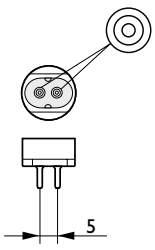
Dimensional drawing

TL5 HO 80W/840

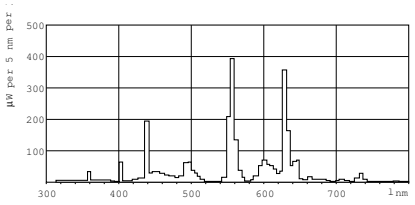
Product	D	A	B	B	C
MASTER TL5 HO 80W/840 SLV/40	17 mm	1449.0 mm	1456.1 mm	1453.7 mm	1463.2 mm

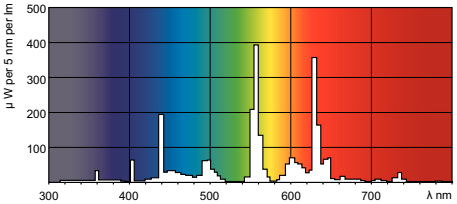


G5, T5



Photometric data







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