

MASTER TL5 High Output TOP

MASTER TL5 HO TOP 49W/840 1SL/20

This TL5 HO lamp (tube diameter 16 mm) offers a constant light level, independent of temperature fluctuations, making it an excellent solution for warm applications. The TL5 HO TOP can be operated on equivalent systems as MASTER TL5 HO. Excellent solution for warm applications, such as unconditioned warehouses, wall washers, etc.

Product data

• General Information

Cap-Base	G5 [G5]
Life To 50% Failures	30000 h
Preheat (Nom)	
Features	Not Applicable
System Description	High Output
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

Color Code	840 [CCT of 4000K (841)]
Luminous Flux (Nom)	4900 lm
Luminous Flux (Rated) (Nom)	4650 lm
Color Designation	Cool White (CW)
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	99 lm/W
Chromaticity Coordinate X (Nom)	380
Chromaticity Coordinate Y (Nom)	380
Correlated Color Temperature (Nom)	4100 K
Luminous Efficacy (rated) (Nom)	95 lm/W
Color Rendering Index (Max)	85
Color Rendering Index (Min)	80
Color Rendering Index (Nom)	85
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)	49.2 W
Lamp Current (Nom)	0.255 A

• Temperature

Design Temperature (Max)	75 °C
Design Temperature (Min)	20 °C

• Controls and Dimming

Dimmable	Yes

• Mechanical and Housing

Cap-Base Information	-

PHILIPS

MASTER TL5 High Output TOP

- Approval and Application

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content (Nom)	2.2 mg
Energy Consumption kWh/1000 h	54 kWh

- Product Data

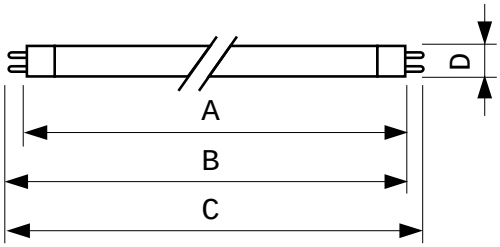
Full product code	871150026687305

Order product name	MASTER TL5 HO TOP 49W/840 1SL/20
EAN/UPC - Product	8711500266873
Order code	927991684041
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material Nr. (12NC)	927991684041
Net Weight (Piece)	128.700 g
ILCOS Code	FDH-49/40/1B-L/P-G5-16/1450

Warnings and Safety

- Not recommended for emergency lighting due to slower run-up behavior than non-amalgam TL5 lamps
- 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.

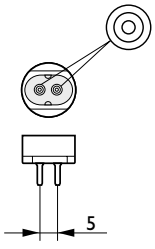
Dimensional drawing



TL5 HO TOP 49W/840 A

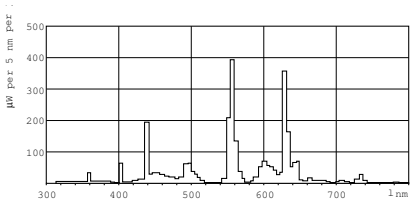
Product	D	A	B	B	C
MASTER TL5 HO TOP 49W/840 1SL/20	17 mm	1449.0 mm	1456.1 mm	1453.7 mm	1463.2 mm

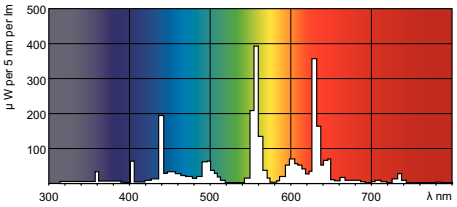
G5, T5



MASTER TL5 High Output TOP

Photometric data





© 2015 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

2015, December 28
data subject to change