



MASTER TL5 High Output TOP

MASTER TL5 HO TOP 49W/840 1SL

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 Characteristics

System Description	High Output
Cap-Base	G5
Cap-Base Information	-
Bulb	T5 [16 mm]
Life to 10% fail	21000 hr
Preheat EL,3h	
Life to 50% fail	30000 hr
Preheat EL,3h	
LSF HF Preheat	99 %
2000h Rated,3h	
LSF HF Preheat	99 %
4000h Rated,3h	
LSF HF Preheat	99 %
6000h Rated,3h	
LSF HF Preheat	99 %
8000h Rated,3h	
LSF HF Preheat	99 %
12000h Rated,3h	
LSF HF Preheat	97 %
16000h Rated,3h	
LSF HF Preheat	84 %
20000h Rated,3h	

• Light Technical Characteristics

Color Code	840 [CCT of 4000K]
Color Rendering Index	80 (min), 85 (nom), 85 (max) Ra8
Color Designation (text)	Cool White
Color Temperature	4000 K
Luminous Flux EL 25°C, Rated	4650 Lm
Luminous Flux EL 25°C, Nominal	4650 Lm

Luminous Flux Lamp EL 35°C	4900 Lm
Lum Efficacy Rated HF 25°C	95 Lm/W
Lum Efficacy Rated HF 35°C	99 Lm/W
Luminance Average EL 25°C	2.2 cd/cm2
LLMF HF 2000h Rated	96 %
LLMF HF 4000h Rated	95 %
LLMF HF 6000h Rated	94 %
LLMF HF 8000h Rated	93 %
LLMF HF 12000h Rated	92 %
LLMF HF 16000h Rated	91 %
LLMF HF 20000h Rated	90 %
Design Temperature	20 (min), 75 (max) C
Chromaticity Coordinate X	380 -
Chromaticity Coordinate Y	380 -

• Electrical Characteristics

Lamp Wattage	49 W
Lamp Wattage EL 25°C, Rated	49.2 W
Lamp Wattage EL 25°C, Nominal	49.0 W
Lamp Wattage EL 35°C	49.3 W



MASTER TL5 High Output TOP

Lamp Voltage EL 25°C	195 V
Lamp Voltage EL 35°C	191 V
Lamp Current EL 25°C	0.255 A
Lamp Current EL 35°C	0.260 A
Dimmable	Yes

• Environmental Characteristics

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

• Measuring Conditions

Calibration Current	0.255 A
HF Generator Rated Voltage	390 V
Resistor	765 ohm

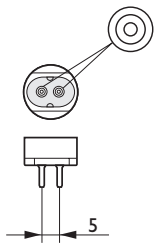
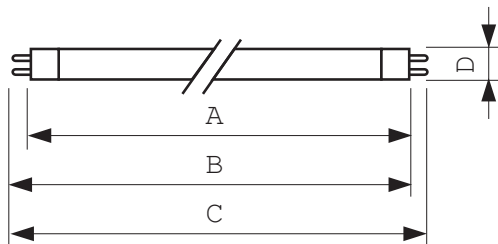
• Product Dimensions

Base Face to Base Face A	1449.0 (max) mm
Insertion Length B	1453.7 (min), 1456.1 (max) mm
Overall Length C	1463.2 (max) mm
Diameter D	17 (max) mm

• Product Data

Order code	927991684041
Full product code	927991684041
Full product name	MASTER TL5 HO TOP 49W/840 1SL
Order product name	MASTER TL5 HO TOP 49W/840 1SL/20
Pieces per pack	1
Packing configuration	20
Packs per outerbox	20
Bar code on pack - EAN1	8711500266873
Bar code on outerbox - EAN3	8711500266880
Logistic code(s) - 12NC	927991684041
ILCOS code	FDH-49/40/1B-L/P-G5-16/1450
Net weight per piece	128.700 gr

Dimensional drawing



G5

MASTER TL5 HO TOP 49W/840 1SL

Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL5 HO TOP 49W/840 A	1449.0	1453.7	1456.1	1463.2	17

Photometric data



© 2015 Koninklijke Philips N.V. (Royal Philips)
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, April 15
data subject to change