



# MASTER TL5 High Output

## MASTER TL5 HO 49W/865 1SL

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 Characteristics

System Description	High Output
Cap-Base	G5
Cap-Base Information	Green Plate
Bulb	T5 [16 mm]
Life to 50% fail	24000 hr
Preheat EL,3h	
Life to 10% fail	19000 hr
Preheat EL,3h	
LSF HF Preheat	84 %
20000h Rated,3h	
LSF HF Preheat	97 %
16000h Rated,3h	
LSF HF Preheat	99 %
12000h Rated,3h	
LSF HF Preheat	99 %
8000h Rated,3h	
LSF HF Preheat	99 %
6000h Rated,3h	
LSF HF Preheat	99 %
4000h Rated,3h	
LSF HF Preheat	99 %
2000h Rated,3h	

#### • Light Technical Characteristics

Color Code	865 [CCT of 6500K]
Color Rendering	85 Ra8
Index	
Color Designation	Cool Daylight
(text)	
Color Temperature	6500 K
Chromaticity Coordinate X	313 -
Chromaticity Coordinate Y	337 -

Luminous Flux Lamp	4550 Lm
EL 35°C	
Lum Efficacy Rated	83 Lm/W
HF 25°C	
Lum Efficacy Rated	92 Lm/W
HF 35°C	
LLMF HF 20000h	90 %
Rated	
LLMF HF 16000h	91 %
Rated	
LLMF HF 12000h	92 %
Rated	
LLMF HF 8000h	93 %
Rated	
LLMF HF 6000h	94 %
Rated	
LLMF HF 4000h	95 %
Rated	
LLMF HF 2000h	96 %
Rated	
Luminous Flux EL	4075 Lm
25°C, Rated	
Luminous Flux EL	4075 Lm
25°C, Nominal	
Design Temperature	35 C

#### • Electrical Characteristics

Lamp Wattage	49 W
Lamp Voltage EL	195 V
25°C	
Lamp Current EL	0.255 A
25°C	
Dimmable	Yes
Lamp Wattage EL	49.3 W
35°C	



# MASTER TL5 High Output

Lamp Current EL 35°C	0.260 A
Lamp Voltage EL 35°C	191 V
Lamp Wattage EL 25°C, Rated	49.2 W
Lamp Wattage EL 25°C, Nominal	49 W

### • Environmental Characteristics

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content	1.4 mg

### • Measuring Conditions

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

### • Product Dimensions

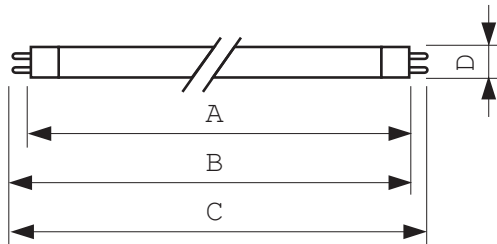
Base Face to Base Face A	1449.0 (max) mm
-----------------------------	-----------------

Insertion Length B	1453.7 (min), 1456.1 (max) mm
Overall Length C	1463.2 (max) mm
Diameter D	17 (max) mm

### • Product Data

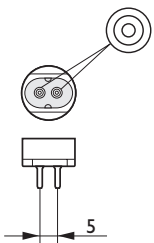
Order code	927927586555
Full product code	927927586555
Full product name	MASTER TL5 HO 49W/865 1SL
Order product name	MASTER TL5 HO 49W/865 1SL/40
Pieces per pack	1
Packing configuration	40
Packs per outerbox	40
Bar code on pack - EAN1	8711500643896
Bar code on outerbox - EAN3	8711500867735
Logistic code(s) - 12NC	927927586555
ILCOS code	FDH-49/65/1B-L/P-G5-16/1450
Net weight per piece	128.700 gr

## Dimensional drawing



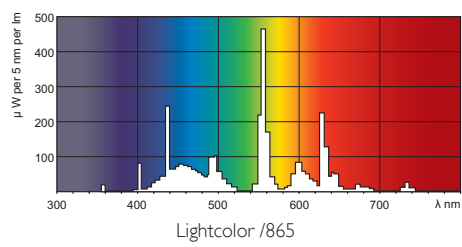
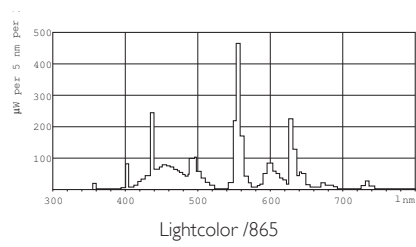
## G5, T5

Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL5 HO 49W/865	1449.0	1453.7	1456.1	1463.2	17



G5

## Photometric data



© 2012 Koninklijke Philips Electronics N.V.  
All rights reserved.

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

[www.philips.com/lighting](http://www.philips.com/lighting)

2012, August 4  
data subject to change