



MASTER TL5 High Output Secura

MASTER TL5 HO Secura 80W/840 UNP

This TL5 High Output Secura lamp (tube diameter 16 mm) has a protective coating that keeps glass and lamp components together in the event of accidental breakage. The lamp is easily identifiable by a blue ring at one end. Application areas are all places where glass shatters can disturb operations and can have an impact on product and people safety, e.g. the food and beverage industry. This lamp is compliant with HACCP regulations and supports HACCP certification.

Product data

• General Characteristics

System Description	High Output
Cap-Base	G5
Cap-Base Information	Green Plate
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), 82 (nom), 85 (max) Ra8
Color Designation (text)	Cool White
Color Temperature	4000 K
Luminous Flux Lamp EL 25°C	6550 Lm
Luminous Flux EL 25°C, Rated	6550 Lm

Luminous Flux EL 25°C, Nominal	6550 Lm
Luminous Flux Lamp EL 35°C	7000 Lm
Lum Efficacy Rated HF 25°C	82 Lm/W
Lum Efficacy Rated HF 35°C	88 Lm/W
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	35 C
Chromaticity Coordinate X	380 -
Chromaticity Coordinate Y	380 -

• Electrical Characteristics

Lamp Wattage	80 W
Lamp Wattage EL 25°C, Rated	79.8 W
Lamp Wattage EL 25°C, Nominal	79.8 W
Lamp Wattage EL 35°C, Rated	80.0 W



MASTER TL5 High Output Secura

Lamp Voltage EL 25°C	152 V
Lamp Voltage EL 35°C	145 V
Lamp Current EL 25°C	0.530 A
Lamp Current EL 35°C	0.555 A
Dimmable	Yes

• Environmental Characteristics

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content	1.4 mg
Energy consumption kWh/1000h	88 kWh

• Measuring Conditions

Calibration Current	0.555 A
HF Generator Rated Voltage	290 V
Resistor	260 ohm

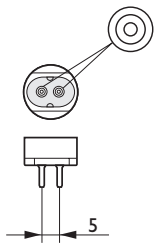
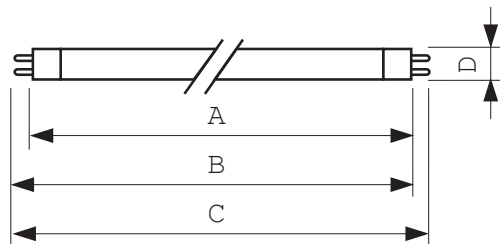
• Product Dimensions

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	927929684018
Full product code	927929684018
Full product name	MASTER TL5 HO Secura 80W/840 UNP
Order product name	MASTER TL5 HO Secura 80W/840 UNP/40
Pieces per pack	1
Packing configuration	40
Packs per outerbox	40
Bar code on pack - EAN1	8711500952356
Bar code on outerbox - EAN3	8711500952363
Logistic code(s) - 12NC	927929684018
ILCOS code	FDH-80/40/1B-L/P-G5-16/1450
Net weight per piece	132.000 gr

Dimensional drawing

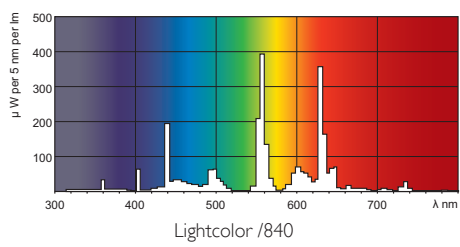


G5

MASTER TL5 HO Secura 80W/840 UNP

Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL5 HO Secura 80W/840	1449.0	1453.7	1456.1	1463.2	17

Photometric data



© 2014 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

2014, October 31
data subject to change