



MASTER TL5 High Output Secura

MASTER TL5 HO Secura 54W/830 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	830 [CCT of 3000K]
Color Rendering Index	80 (min), 82 (nom), 85 (max) Ra8
Color Designation (text)	Warm White
Color Temperature	3000 K
Luminous Flux Lamp EL 25°C	4450 Lm
Luminous Flux EL 25°C, Rated	4450 Lm

Luminous Flux EL 25°C, Nominal	4450 Lm
Luminous Flux Lamp EL 35°C	5000 Lm
Lum Efficacy Rated HF 25°C	82 Lm/W
Lum Efficacy Rated HF 35°C	93 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	440 -
Chromaticity Coordinate Y	403 -

• Electrical Characteristics

Lamp Wattage	54 W
Lamp Wattage EL 25°C, Rated	54.1 W
Lamp Wattage EL 25°C, Nominal	54.1 W
Lamp Wattage EL 35°C, Rated	53.8 W



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Lamp Voltage EL 25°C	120 V
Lamp Voltage EL 35°C	118 V
Lamp Current EL 25°C	0.455 A
Lamp Current EL 35°C	0.460 A
Dimmable	Yes

• Environmental Characteristics

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content	1.4 mg
Energy consumption kWh/1000h	59 kWh

• Measuring Conditions

Calibration Current	0.460 A
HF Generator Rated Voltage	235 V
Resistor	255 ohm

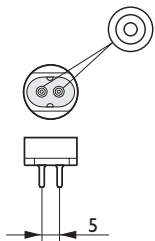
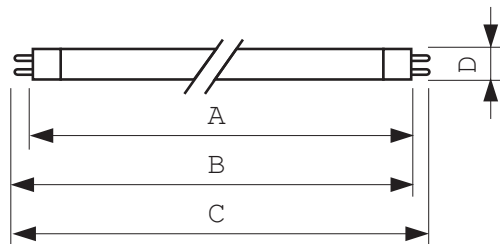
• Product Dimensions

Base Face to Base Face A	1149.0 (max) mm
Insertion Length B	1153.7 (min), 1156.1 (max) mm
Overall Length C	1163.2 (max) mm
Diameter D	17 (max) mm

• Product Data

Order code	927929183018
Full product code	927929183018
Full product name	MASTER TL5 HO Secura 54W/830 UNP
Order product name	MASTER TL5 HO Secura 54W/830 UNP/40
Pieces per pack	1
Packing configuration	40
Packs per outerbox	40
Bar code on pack - EAN1	8711500952295
Bar code on outerbox - EAN3	8711500952301
Logistic code(s) - 12NC	927929183018
ILCOS code	FDH-54/30/1B-L/P-G5-16/1150
Net weight per piece	162.900 gr

Dimensional drawing

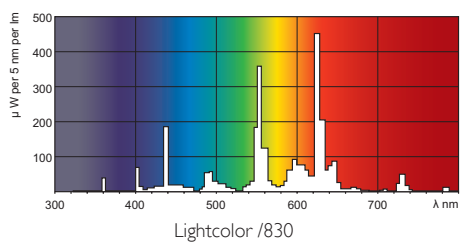
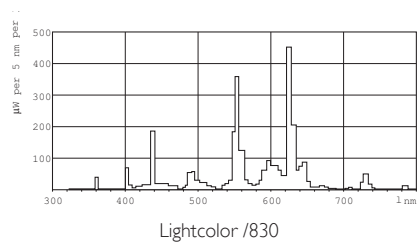


G5

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Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL5 HO Secura 54W/830	1149.0	1153.7	1156.1	1163.2	17

Photometric data



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data subject to change