MASTER TL5 High Output

MASTER TL5 HO 54W/830 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 10% fail Preheat EL,3h	19000 hr
Life to 50% fail Preheat EL,3h	24000 hr
LSF HF Preheat 2000h Rated,3h	99 %
LSF HF Preheat 4000h Rated,3h	99 %
LSF HF Preheat 6000h Rated,3h	99 %
LSF HF Preheat 8000h Rated,3h	99 %
LSF HF Preheat 12000h Rated,3h	99 %
LSF HF Preheat 16000h Rated,3h	97 %
LSF HF Preheat 20000h Rated,3h	84 %

- Light Technical Characteristics

Color Code	830 [CCT of 3000K]
Color Rendering Index	85 Ra8
Color Designation (text)	Warm White
Color Temperature	3000 K
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 W
Lamp Wattage EL 35°C	53.8 W
Lamp Voltage EL 25°C	120 V

asimpleswitch.com

PHILIPS
sense and simplicity

MASTER TL5 High Output

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

- Measuring Conditions

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

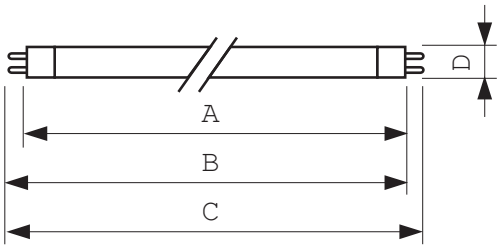
- Product Dimensions

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

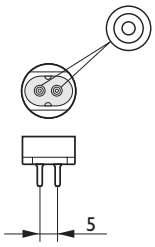
Order code	927929083055
Full product code	927929083055
Full product name	MASTER TL5 HO 54W/830 1SL
Order product name	MASTER TL5 HO 54W/830 1SL/40
Pieces per pack	1
Packing configuration	40
Packs per outerbox	40
Bar code on pack - EAN1	8711500643162
Bar code on outerbox - EAN3	8711500868824
Logistic code(s) - 12NC	927929083055
ILCOS code	FDH-54/30/1B-L/P-G5-16/1150
Net weight per piece	104.500 gr

Dimensional drawing



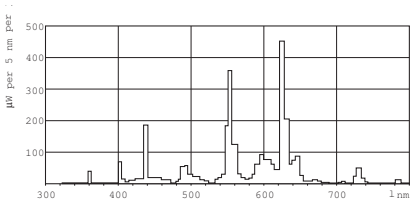
MASTER TL5 HO 54W/830 UNP

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

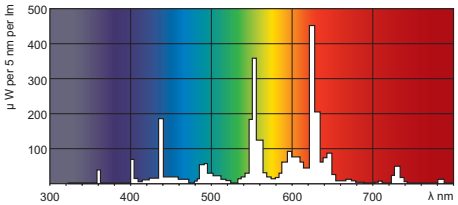


G5

Photometric data



Lightcolor /830



Lightcolor /830

© 2013 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

2013, March 2
data subject to change