



MASTER TL5 High Output

MASTER TL5 HO 54W/830 SLV/40

Low-pressure mercury discharge lamps with a tubular 16 mm envelope

Product data

• General Information

Cap base	G5 [G5]
Bulb shape	T5 [16 mm (T5)]
Life to 50% failures preheat (nom.)	30000 h
Features	na [Not Applicable]
System description	High Output (HO)
LSF Preheat 2000 h Rated	99 %
LSF Preheat 4000 h Rated	99 %
LSF Preheat 6000 h Rated	99 %
LSF Preheat 8000 h Rated	99 %
LSF Preheat 16000 h Rated	97 %
LSF Preheat 20000 h Rated	84 %

• Light Technical

Lamp Luminous Flux 25°C EL (Nom)	5000 lm
Lamp Luminous Flux (Nom)	4450 lm
Colour Designation	Warm white (WW)
Luminous efficacy (@ max. lumen, rated) (nom.)	93 lm/W
Chromaticity coordinate X (nom.)	440
Chromaticity coordinate Y (nom.)	403
Colour Temperature, horizontal (Nom)	3000 K

Lamp Luminous Efficacy EM (Nom)	82 lm/W
Colour Rendering Index,horiz (Max)	85
Colour Rendering Index,horiz (Min)	80
Colour Rendering Index,horiz (Nom)	85
LLMF 2000 h Rated	96 %
LLMF 4000 h Rated	95 %
LLMF 6000 h Rated	94 %
LLMF 8000 h Rated	93 %
LLMF 12000 h Rated	92 %
LLMF 16000 h Rated	91 %
LLMF 20000 h Rated	90 %

• Operating and Electrical

Power (Rated) (Nom)	54.1 W
Lamp current (nom.)	0.455 A

• Temperature

Design temperature (nom.)	35 °C
---------------------------	-------

• Controls and Dimming

Dimmable	yes
----------	-----

• Mechanical and Housing

Cap base information	Green Plate
----------------------	-------------

PHILIPS

MASTER TL5 High Output

• Approval and Application

Energy efficiency label (EEL)	A+
Mercury (Hg) content (nom.)	1.4 mg
Energy Consumption kWh/1000 h	59 kWh

• Product Data

Full product code	871150064316255
-------------------	-----------------

Order product name	MASTER TL5 HO 54W/830 SLV/40
EAN/UPC – product	8711500643162
Order code	927929083055
Local Code	TL554W830HO
Numerator – quantity per pack	1
Numerator – packs per outer box	40
Material no. (12NC)	927929083055
Net weight (piece)	104.500 g
ILCOS Code	FDH-54/30/1B-L/P-G5-16/1150

Warnings and Safety

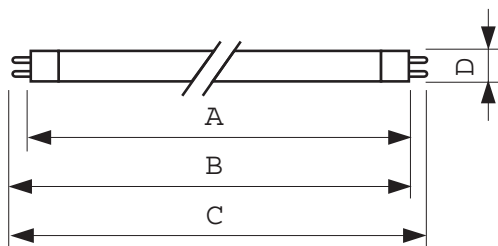
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and

remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

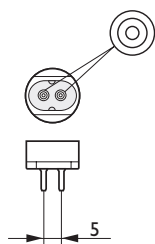
Dimensional drawing

TL5 HO 54W/830

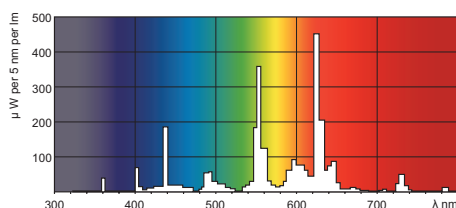
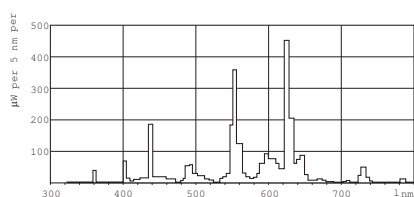
Product	D	A	B	B	C
MASTER TL5 HO 54W/830 SLV/40	17 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm



G5, T5



Photometric data





© 2015 Philips Lighting Holding B.V.
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, December 28
data subject to change