



PHILIPS MASTER TL5 High Output User Guide

[Home](#) » [Philips](#) » PHILIPS MASTER TL5 High Output User Guide 



**MASTER TL5 High
Output**

Contents

- [1 MASTER TL5 HO 54W/830 UNP/40](#)
- [2 Warnings and Safety](#)
- [3 Product data](#)
- [4 MASTER TL5 High Output](#)
- [5 Documents / Resources](#)
 - [5.1 References](#)
- [6 Related Posts](#)

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.

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.

Product data

General Information	
Cap-Base	G5
Features	na [Not Applicable]
Flux measurement reference	Sphere
Light Technical	
Color Code	830 [CCT of 3000K]
Luminous Flux	4.500 lm
Luminous Efficacy (rated) (Nom)	83 lm/W
Color Designation	Warm White (WW)
Chromaticity Coordinate X (Nom)	0.44
Chromaticity Coordinate Y (Nom)	0.403
Correlated Color Temperature (Nom)	3000 K
Color rendering index (CRI)	82

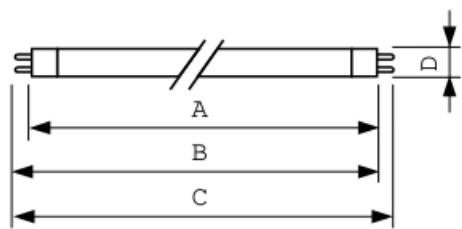
Operating and Electrical	
Power Consumption	54.4 W
Lamp Current (Nom)	0.455 A
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	T5
Approval and Application	
Energy Consumption kWh/1000 h	55 kWh
EPREL Registration Number	423561
Energy Efficiency Class	G
Mercury (Hg) Content (Nom)	1.2 mg

MASTER TL5 High Output

Product Data	
Order product name	MASTER TL5 HO 54W/830 UNP/40
Full product name	MASTER TL5 HO 54W/830 UNP/40
Full product code	871150063734555
Order code	927929083018
Material № (12NC)	927929083018

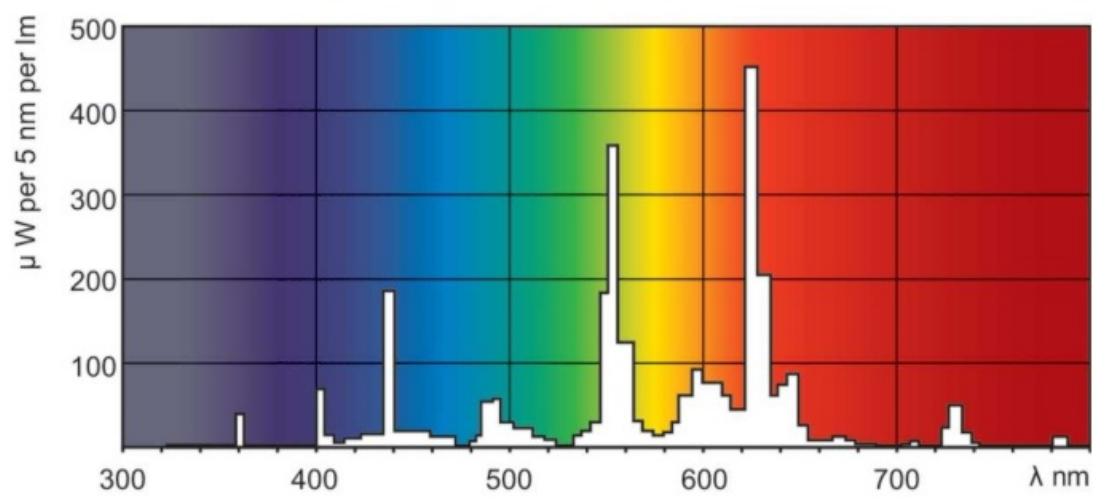
Net Weight (Piece)	105.800 g
EAN/UPC – Product/Case	8711500637345
Numerator – Packs per outer box	40
EAN/UPC – Case	8711500637352

Dimensional drawing



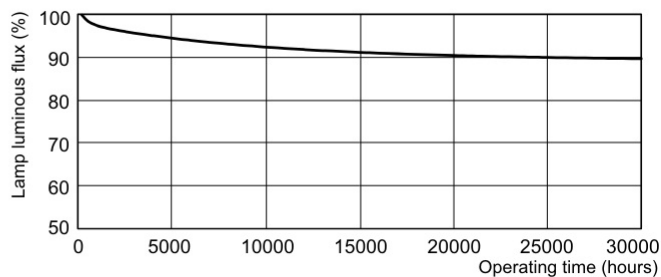
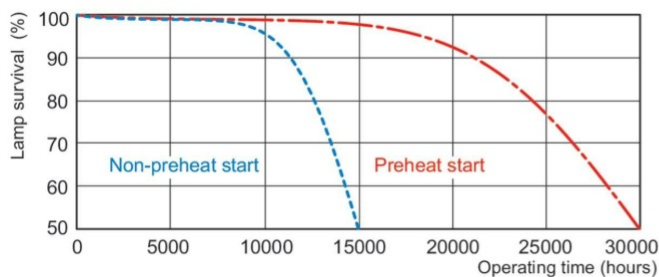
Product	D (max)	A (max)	B (max)	B (min)	C (max)	
MASTER TL5 HO 54W/830	17 mm	1,149.0 mm	1,156.1 mm	1,153.7 mm	1,163.2 mm	
UNP/40						

Photometric data



Spectral Power Distribution Colour – MASTER TL5 HO 54W/830 UNP/40

Lifetime



Life expectancy diagram – 3 hour cycle

Lumen Maintenance Diagram – MASTER TL5 HO 54W/830 UNP/40

Life expectancy diagram – 12 hour cycle



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www.lighting.philips.com

2024, April 12 – data subject to change

Documents / Resources

	<p>PHILIPS MASTER TL5 High Output [pdf] User Guide MASTER TL5 High Output, MASTER TL5, High Output, Output</p>
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References

- [Sustainable LED lighting solutions | Philips lighting](#)
- [User Manual](#)

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