



MASTER TL5 High Output

MASTER TL5 HO 54W/840 1SL/40

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

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 [G5]		
Life to 50% failures preheat (nom.)	30000 h		
Features	na [Not Applicable]		
System description	High Output (HO)		
LSF preheat 2,000 hours rated	rs rated 99 %		
LSF preheat 4,000 hours rated	99 %		
LSF preheat 6,000 hours rated	99 %		
LSF preheat 8,000 hours rated	99 %		
LSF preheat 16,000 hours rated	97 %		
LSF preheat 20,000 hours rated	84 %		
Light Technical			
Colour Code	840 [CCT of 4,000 K]		
Luminous flux (nom.)	5000 lm		
Luminous flux (rated) (nom.)	4500 lm		
Colour designation	Cool White (CW)		
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	93 lm/W		
Correlated Colour Temperature (Nom)	4000 K		

Luminous efficacy (rated) (nom.)	83 lm/W	
Color rendering index (max.)	85	
Colour-rendering index (min.)	80	
Colour rendering index (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 ℃	

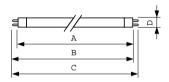
Datasheet, 2021, April 6 data subject to change

MASTER TL5 High Output

Controls and Dimming		
Dimmable	Yes	
Mechanical and Housing		
Cap-base information	Green Plate	
Bulb shape	T5 [16 mm (T5)]	
Approval and Application		
Energy efficiency label (EEL)	A+	
Mercury (Hg) content (nom.)	1.4 mg	
Energy consumption kWh/1,000 hours	59 kWh	
Product Data		
Full product code	871150064318655	

Order product name	MASTER TL5 HO 54W/840 SLV/40
EAN/UPC – product	8711500643186
Order code	64318655
Local order code	54840
SAP numerator – quantity per pack	1
Numerator – packs per outer box	40
SAP material	927929084055
SAP net weight (piece)	105.800 g
ILCOS code	FDH-54/40/1B-L/P-G5-16/1150

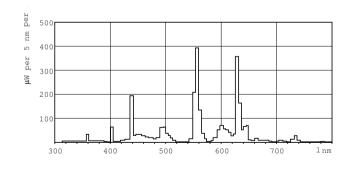
Dimensional drawing

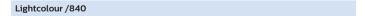


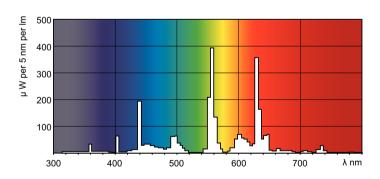
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO	17 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm
54W/840 SLV/40					

TL5 HO 54W/840

Photometric data





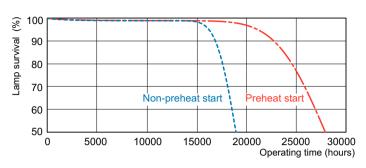


Lightcolour /840

MASTER TL5 High Output

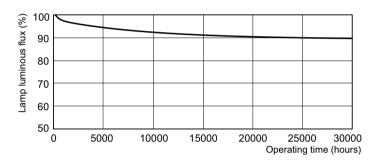
Lifetime





LDLE_TL5-HO8_0001-Life expectancy diagram





LDLM_TL5-HO8_0001-Lumen maintenance diagram



© 2021 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.