



MASTER TL5 High Efficiency

MASTER TL5 HE 35W/830 SLV/40

This TL5 lamp (tube diameter 16 mm) has a high luminous efficacy, resulting in low energy consumption. The High Efficiency TL5 lamp offers excellent lumen maintenance and good color rendering. Application areas are offices, industry, public and governmental buildings, schools, hospitals and indoor sports lighting.

Product data

General Information			
Cap-Base	G5 [G5]		
Life to 50% Failures Preheat (Nom)	24000 h		
Features	na [Not Applicable]		
System Description	High Efficiency		
LSF Preheat 2000 h Rated	99 % 99 % 99 %		
LSF Preheat 4000 h Rated			
LSF Preheat 6000 h Rated			
LSF Preheat 8000 h Rated	99 %		
LSF Preheat 16000 h Rated	97 %		
LSF Preheat 20000 h Rated	84 %		
Light Technical			
Color Code	830 [CCT of 3000K]		
Luminous Flux (Nom)	3650 lm		
Luminous Flux (Rated) (Nom)	3325 lm		
Color Designation	Warm White (WW)		
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	105 lm/W		
Correlated Color Temperature (Nom)	3000 K		
Luminous Efficacy (rated) (Nom)	94 lm/W		

Color Rendering Index (Max)	85		
Color Rendering Index (Min)	80		
Color Rendering Index (Nom)	82		
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 (Nom)	35.5 W		
Lamp Current (Nom)	0.175 A		
Temperature			
Design Temperature (Nom)	35 °C		

Datasheet, 2019, December 4 data subject to change

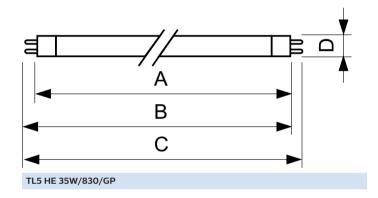
MASTER TL5 High Efficiency

Controls and Dimming				
Dimmable	Yes			
Mechanical and Housing				
Cap-Base Information	Green Plate			
Approval and Application				
Energy Efficiency Label (EEL)	A+			
Mercury (Hg) Content (Nom)	1.4 mg			
Energy Consumption kWh/1000 h	38 kWh			
Product Data				
Full product code	871150063950955			

Order product name	MASTER TL5 HE 35W/830 SLV/40		
EAN/UPC - Product	8711500639509		
Order code	927927083055 1 40		
Numerator - Quantity Per Pack			
Numerator - Packs per outer box			
Material Nr. (12NC)	927927083055		
Net Weight (Piece)	127.400 g		
ILCOS Code	FDH-35/30/1B-L/P-G5-16/1450		

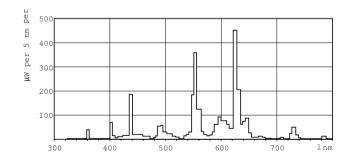
Warnings and Safety

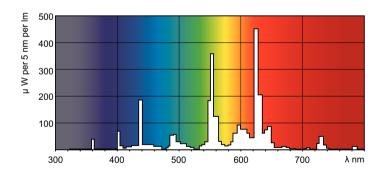
Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE	17 mm	1449.0 mm	1456.1 mm	1453.7 mm	1463.2 mm
35W/830 SLV/40					

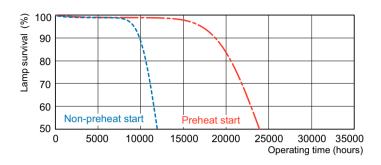
Photometric data

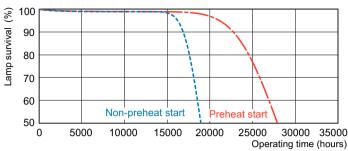




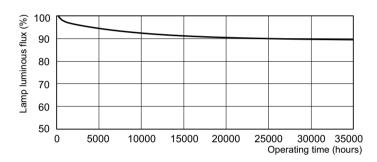
MASTER TL5 High Efficiency

Lifetime





LDLE_TL5-HE8_0002-Life expectancy diagram





© 2019 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.