PHILIPS Lighting

MASTER TL5 High Efficiency

MASTER TL5 HE 14W/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 %
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			
Color Code	830 [CCT of 3000K]		
Luminous Flux (Nom)	1350 lm		
Luminous Flux (Rated) (Nom)	1200 lm		
Color Designation	Warm White (WW)		
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	96 lm/W		
Correlated Color Temperature (Nom)	3000 K		
Luminous Efficacy (rated) (Nom)	86 lm/W		

Color Rendering Index (Max)	85
Color Rendering Index (Min)	80
Color Rendering Index (Nom)	>80
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)	14 W
Lamp Current (Nom)	0.165 A
Temperature	
Design Temperature (Nom)	35 ℃

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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	15 kWh	
Product Data		
Full product code	871150063938755	

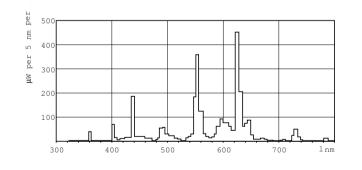
Order product name	MASTER TL5 HE 14W/830 SLV/40		
EAN/UPC - Product	8711500639387		
Order code	927926083055		
Numerator - Quantity Per Pack	1		
Numerator - Packs per outer box	40		
Material Nr. (12NC)	927926083055		
Net Weight (Piece)	52.000 g		
ILCOS Code	FDH-14/30/1B-L/P-G5-16/550		

Dimensional drawing

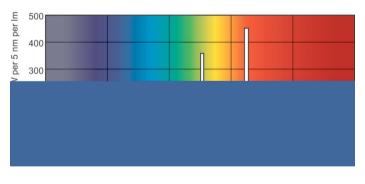
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE 14W/830	17 mm	549.0 mm	556.1 mm	553.7 mm	563.2 mm
SLV/40					

TL5 14W/830/GP HE

Photometric data



LDPB_TL5-HE8_830-Spectral power distribution B/W

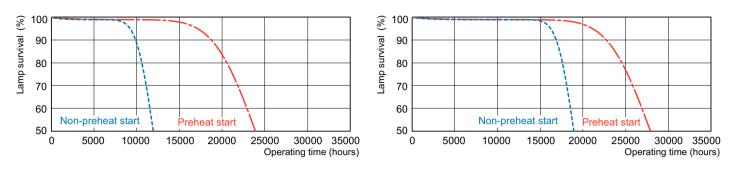




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LDLE_TL5-HE8_0001-Life expectancy diagram

Lifetime





LDLE_TL5-HE8_0002-Life expectancy diagram

LDLM_TL5-HE8_0001-Lumen maintenance diagram



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