

Lighting

PHILIPS

MASTER TL5 High Efficiency

MASTER TL5 HE 14W/840 SLV/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.)	24000 h			
Features	na [Not Applicable]			
System description	High Efficiency			
LSF preheat 2,000 hours rated	99 % 99 % 99 % 99 % 97 %			
LSF preheat 4,000 hours rated				
LSF preheat 6,000 hours rated				
LSF preheat 8,000 hours rated				
LSF preheat 16,000 hours rated				
LSF preheat 20,000 hours rated	84 %			
Light Technical				
Colour Code	840 [CCT of 4,000 K]			
Lamp Luminous Flux 25°C EL (Nom)	1350 lm			
Lamp Luminous Flux (Nom)	1200 lm			
Colour Designation	Cool White (CW)			
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	96 lm/W			
Colour Temperature, horizontal (Nom)	4000 K			

Lamp Luminous Efficacy EM (Nom)	86 lm/W
Colour Rendering Index,horiz (Max)	85
Colour Rendering Index, horiz (Min)	80
Colour Rendering Index, horiz (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 (Rated) (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/1,000 hours	15 kWh	
Product Data		
Full product code	871150063940055	

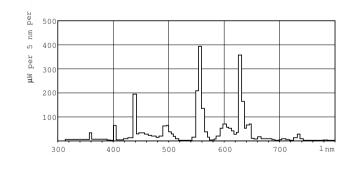
Order product name	MASTER TL5 HE 14W/840 SLV/40		
EAN/UPC – product	8711500639400		
Order code	927926084055		
Local order code	TL514W840HE		
SAP numerator – quantity per pack	1		
Numerator – packs per outer box	40		
Material no. (12 NC)	927926084055		
Net Weight (Piece)	52.000 g		
ILCOS code	FDH-14/40/1B-L/P-G5-16/550		

Dimensional drawing

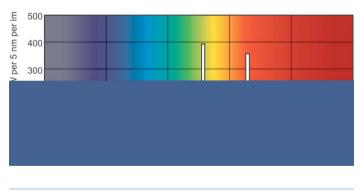
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE 14W/840	17 mm	549.0 mm	556.1 mm	553.7 mm	563.2 mm
SLV/40					

TL5 14W/840/GP HE

Photometric data



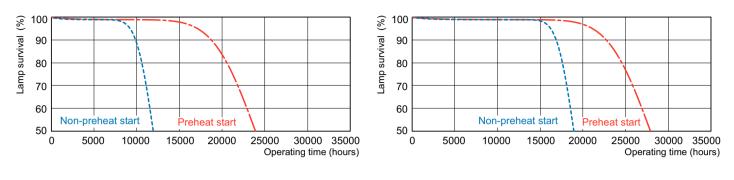
Lightcolour /840



Lightcolour /840

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Lifetime





LDLE_TL5-HE8_0002-Life expectancy diagram

LDLM_TL5-HE8_0001-Lumen maintenance diagram

LDLE_TL5-HE8_0001-Life expectancy diagram



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