Datasheet, 2022, May 4

data subject to change

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 %			
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 %			
	Sphere			
Light Technical				
Colour Code	865 [CCT of 6,500 K]			
Luminous flux (nom.)	2500 lm			
Luminous flux (rated) (nom.)	2500 lm			
Colour designation	Cool Daylight			
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	96 lm/W			

Chromaticity coordinate X (nom.)	0.313	
Chromaticity coordinate Y (nom.)	0.337	
Correlated Colour Temperature (Nom)	6500 K	
Luminous efficacy (rated) (nom.)	90 lm/W	
Color rendering index (max.)	85	
Colour-rendering index (min.)	80	
Colour 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 (Rated) (Nom)	28.1 W	
Lamp current (nom.)	0.170 A	

Efficiency

MASTER TL5 High

MASTER TL5 HE 28W/865 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

Lighting

PHILIPS

A ↑ G G



MASTER TL5 High Efficiency

Temperature				
Design temperature (nom.)	35 °C			
Controls and Dimming				
Dimmable	Yes			
Mechanical and Housing				
Cap-base information	Green Plate			
Bulb shape	T5 [16 mm (T5)]			
Approval and Application				
Energy Efficiency Class	G			
Mercury (Hg) content (max.)	1.4 mg			
Mercury (Hg) content (nom.)	1.4 mg			
Energy consumption kWh/1,000 hours	29 kWh	29 kWh		

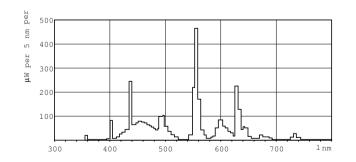
	423538			
Product Data				
Full product code	871150071015455			
Order product name	MASTER TL5 HE 28W/865 SLV/40			
EAN/UPC – product	8711500710154			
Order code	71015455			
Local order code	28865			
SAP numerator – quantity per pack	1			
Numerator – packs per outer box	40			
SAP material	927926586555			
SAP net weight (piece)	105.800 g			
ILCOS code	FDH-28/65/1B-L/P-G5-16/1150			

Dimensional drawing

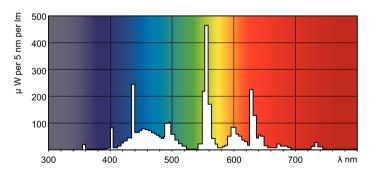
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE	17 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm
28W/865 SLV/40					

MASTER TL5 HE 28W/865 SLV/40

Photometric data



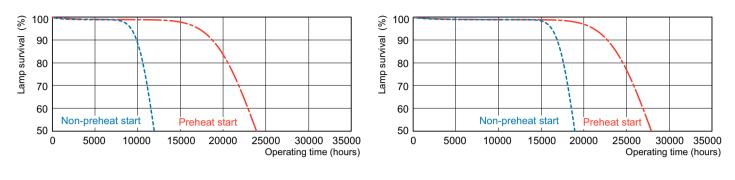
Lightcolour /865



Lightcolour /865

MASTER TL5 High Efficiency

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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