



MASTER TL5 High Efficiency

MASTER TL5 HE 28W/865 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 %		
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	865 [CCT of 6,500 K]		
Lamp Luminous Flux 25°C EL (Nom)	2700 lm		
Lamp Luminous Flux (Nom)	2500 lm		
Colour Designation	Cool Daylight		
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	96 lm/W		
Colour Temperature, horizontal (Nom)	6500 K		

Lamp Luminous Efficacy EM (Nom)	90 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)	27.9 W
Lamp current (nom.)	0.170 A
Temperature	
Design temperature (nom.)	35 ℃

Datasheet, 2021, March 18 data subject to change

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Controls and Dimming			
Dimmable	Yes		
Mechanical and Housing			
Cap-base information	Green Plate		
Approval and Application			
Energy efficiency label (EEL)	Α+		
Mercury (Hg) content (nom.)	1.4 mg		
Energy consumption kWh/1,000 hours	31 kWh		
Product Data			
Full product code	871150071015455		

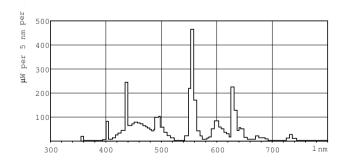
Order product name	MASTER TL5 HE 28W/865 SLV/40
EAN/UPC – product	8711500710154
Order code	927926586555
Local code	TL528W865HE
SAP numerator – quantity per pack	1
Numerator – packs per outer box	40
Material no. (12 NC)	927926586555
SAP net weight (piece)	105.800 g
ILCOS code	FDH-28/65/1B-L/P-G5-16/1150

Dimensional drawing

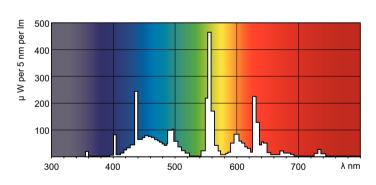
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE	17 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm
28W/865 SLV/40					

TL5 28W/865/GP HE

Photometric data



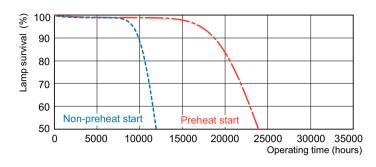


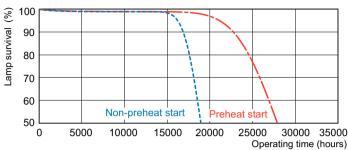


Lightcolour /865

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Lifetime





LDLE_TL5-HE8_0001-Life expectancy diagram

LDLE_TL5-HE8_0002-Life expectancy diagram



LDLM_TL5-HE8_0001-Lumen maintenance diagram



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