



MASTER TL5 High Efficiency

MASTER TL5 HE 28W/865 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		Operating and Electrical	
Cap-Base	G5 [G5]	Luminous Efficacy (Rated) (Nom)	90 lm/W
Life to 50% Failures Preheat (Nom)	24000 h	Color Rendering Index (Max)	85
Features	na [Not Applicable]	Color Rendering Index (Min)	80
System Description	High Efficiency	Color Rendering Index (Nom)	82
LSF Preheat 2000 h Rated	99 %	LLMF 2000 h Rated	96 %
LSF Preheat 4000 h Rated	99 %	LLMF 4000 h Rated	95 %
LSF Preheat 6000 h Rated	99 %	LLMF 6000 h Rated	94 %
LSF Preheat 8000 h Rated	99 %	LLMF 8000 h Rated	93 %
LSF Preheat 16000 h Rated	97 %	LLMF 12000 h Rated	92 %
LSF Preheat 20000 h Rated	84 %	LLMF 16000 h Rated	91 %
		LLMF 20000 h Rated	90 %
Light Technical		Temperature	
Color Code	865 [CCT of 6500K]	Power (Rated) (Nom)	27.9 W
Luminous Flux (Nom)	2700 lm	Lamp Current (Nom)	0.170 A
Luminous Flux (Rated) (Nom)	2500 lm		
Color Designation	Cool Daylight		
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	97 lm/W	Design Temperature (Nom)	35 °C
Correlated Color Temperature (Nom)	6500 K		

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Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Cap-Base Information	Green Plate
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Approval and Application

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content (Nom)	1.4 mg
Energy Consumption kWh/1000 h	31 kWh

Product Data

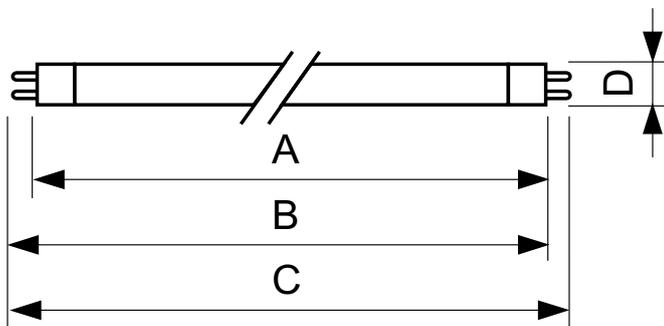
Full product code	871150071015455
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Order product name	MASTER TL5 HE 28W/865 SLV/40
EAN/UPC - Product	8711500710154
Order code	927926586555
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	927926586555
Net Weight (Piece)	105.800 g
ILCOS Code	FDH-28/65/1B-L/P-G5-16/1150

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.

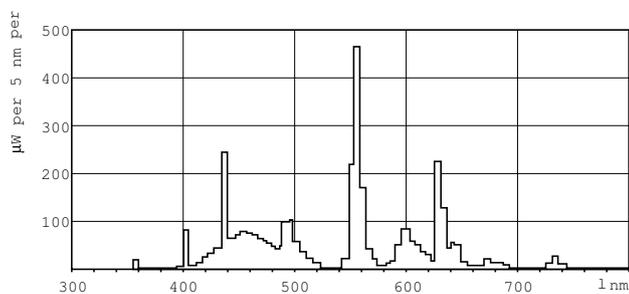
Dimensional drawing



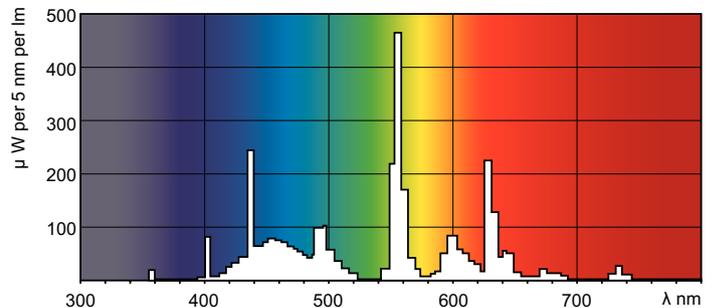
TL5 28W/865/GP HE

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

Photometric data



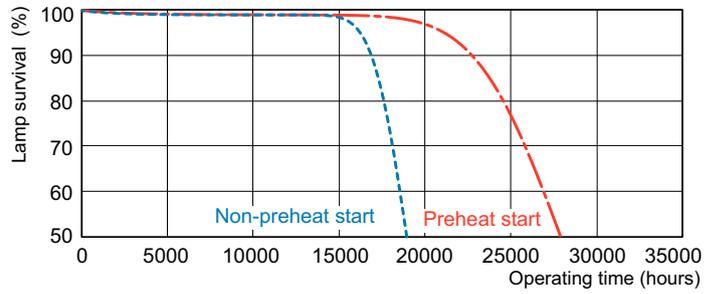
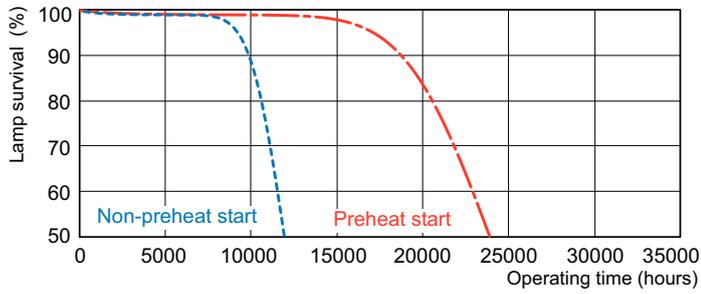
Lightcolor /865



Lightcolor /865

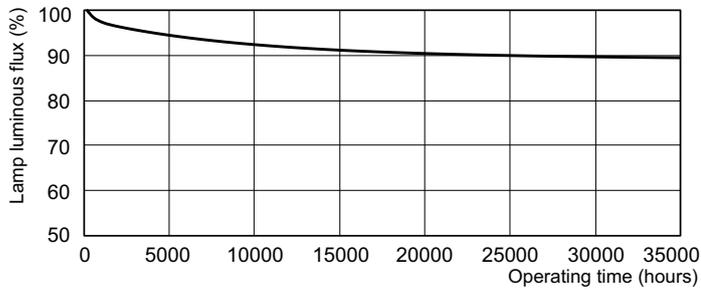
MASTER TL5 High Efficiency

Lifetime



MASTER TL5 HE Life Expectancy 3 h cycle

MASTER TL5 HE Life Expectancy 12 h cycle



MASTER TL5 HE Lumen Maintenance 3 h + 12 h cycle

