



# 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 °C

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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/1,000 hours	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
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

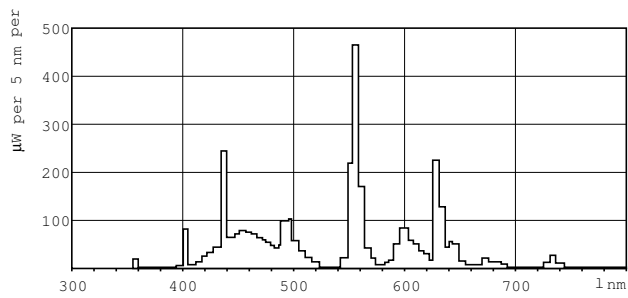
## Dimensional drawing



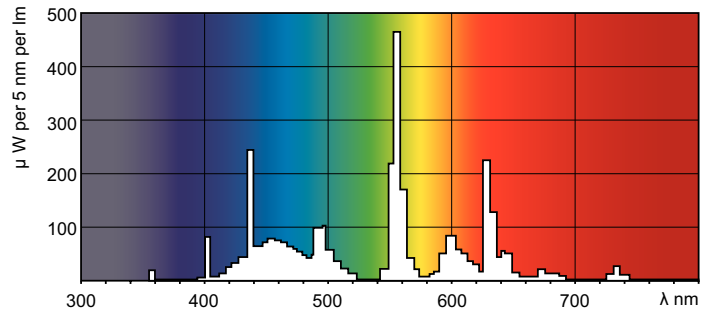
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE 28W/865 SLV/40	17 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm

## TL5 28W/865/GP HE

## Photometric data



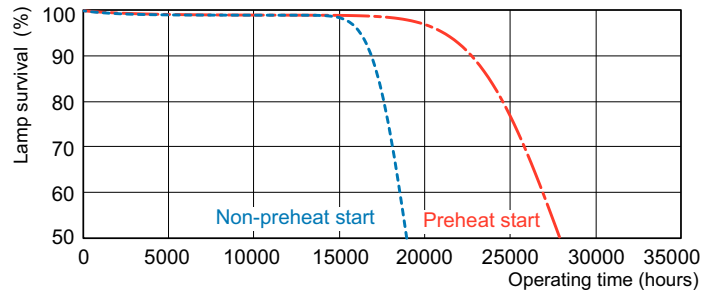
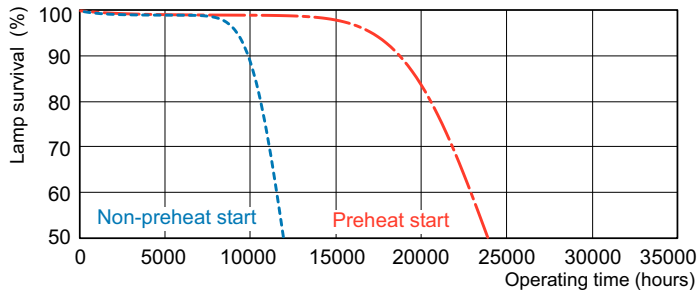
## Lightcolour /865



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# MASTER TL5 High Efficiency

## Lifetime



LDLE\_TL5-HE8\_0001-Life expectancy diagram

LDLE\_TL5-HE8\_0002-Life expectancy diagram



LDLM\_TL5-HE8\_0001-Lumen maintenance diagram

