



# MASTER TL5 High Efficiency



## MASTER TL5 HE 14W/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 not use a vacuum cleaner.

### Product data

General information		Chromaticity Coordinate X (Nom)		0.313	
Cap-Base	G5 [ G5]	Chromaticity Coordinate Y (Nom)		0.337	
Life to 50% Failures Preheat (Nom)	24000 h	Colour Temperature, horizontal (Nom)		6500 K	
Features	na [ Not Applicable]	Luminous Efficacy (rated) (Nom)		80 lm/W	
System Description	High Efficiency	Colour Rendering Index horiz (Max)		85	
LSF Preheat 2000 h Rated	99 %	Colour Rendering Index horiz (Min)		80	
LSF Preheat 4000 h Rated	99 %	Colour Rendering Index horiz (Nom)		82	
LSF Preheat 6000 h Rated	99 %	Depreciation 2000 hrs		96 %	
LSF Preheat 8000 h Rated	99 %	LLMF 4000 h Rated		95 %	
LSF Preheat 16000 h Rated	97 %	Depreciation 5000 hrs		94 %	
LSF Preheat 20000 h Rated	84 %	LLMF 8000 h Rated		93 %	
Flux measurement reference	Sphere	LLMF 12000 h Rated		92 %	
		LLMF 16000 h Rated		91 %	
		LLMF 20000 h Rated		90 %	
Light technical		Operating and electrical			
Colour Code	865 [ CCT of 6500K]	Power (Rated) (Nom)		14.0 W	
Luminous Flux (Nom)	1125 lm	Lamp Current (Nom)		0.165 A	
Luminous Flux (Rated) (Nom)	1125 lm				
Colour Designation	Cool Daylight				
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	89 lm/W				

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## 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
Bulb Shape	T5 [ 16 mm (T5)]

## Approval and application

Energy Efficiency Class	G
Mercury (Hg) Content (Nom)	1.2 mg
Energy Consumption kWh/1000 h	14 kWh
EPREL Registration Number	423448

## Product data

Full product code	871150071009355
Order product name	MASTER TL5 HE 14W/865 SLV/40
EAN/UPC - Product	8711500710093
Order code	71009355
Numerator - Quantity Per Pack	1
Local code description	8343010
Numerator - Packs per outer box	40
Material Nr. (12NC)	927926086555
Net Weight (Piece)	52.000 g
ILCOS Code	FDH-14/65/1B-L/P-G5-16/550

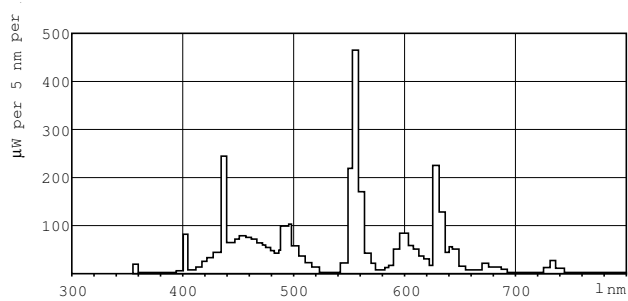
## Dimensional drawing



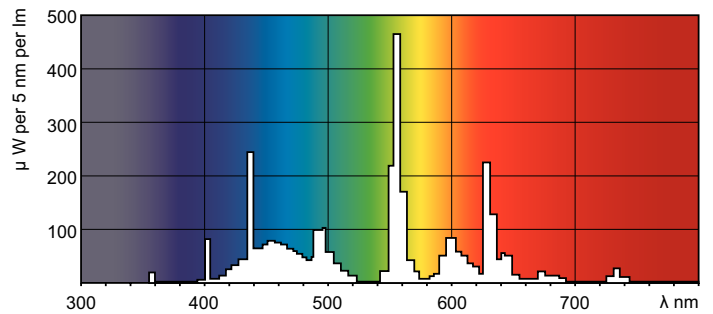
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE 14W/865 SLV/40	17 mm	549.0 mm	556.1 mm	553.7 mm	563.2 mm

## MASTER TL5 HE 14W/865 SLV/40

## Photometric data



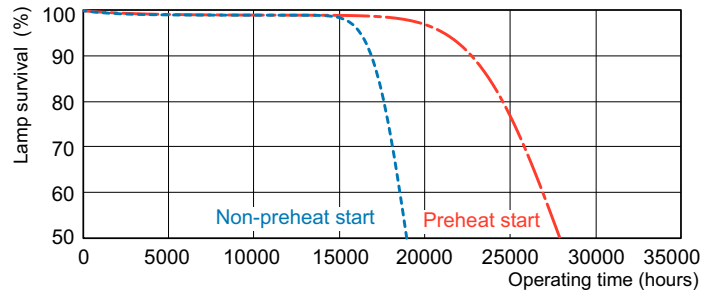
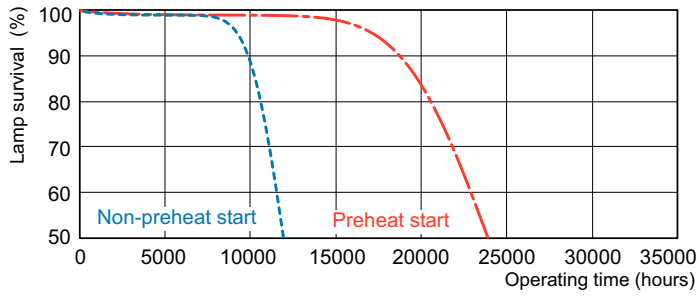
## Lightcolour /865



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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

