



# MASTER TL5 High Efficiency



## MASTER TL5 HE 28W/830 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		Operating and electrical	
Cap-Base	G5 [ G5]	Chromaticity Coordinate X (Nom)	0.44
Life to 50% Failures Preheat (Nom)	24000 h	Chromaticity Coordinate Y (Nom)	0.403
Features	na [ Not Applicable]	Colour Temperature, horizontal (Nom)	3000 K
System Description	High Efficiency	Luminous Efficacy (rated) (Nom)	96 lm/W
LSF Preheat 2000 h Rated	99 %	Colour Rendering Index horiz (Max)	85
LSF Preheat 4000 h Rated	99 %	Colour Rendering Index horiz (Min)	80
LSF Preheat 6000 h Rated	99 %	Colour Rendering Index horiz (Nom)	82
LSF Preheat 8000 h Rated	99 %	Depreciation 2000 hrs	96 %
LSF Preheat 16000 h Rated	97 %	LLMF 4000 h Rated	95 %
LSF Preheat 20000 h Rated	84 %	Depreciation 5000 hrs	94 %
Flux measurement reference	Sphere	LLMF 8000 h Rated	93 %
		LLMF 12000 h Rated	92 %
		LLMF 16000 h Rated	91 %
		LLMF 20000 h Rated	90 %
Light technical			
Colour Code	830 [ CCT of 3000K]	Power (Rated) (Nom)	28.1 W
Luminous Flux (Nom)	2675 lm	Lamp Current (Nom)	0.170 A
Luminous Flux (Rated) (Nom)	2675 lm		
Colour Designation	Warm White (WW)		
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	104 lm/W		

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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	F
Mercury (Hg) Content (Nom)	1.2 mg
Energy Consumption kWh/1000 h	29 kWh

EPREL Registration Number	423460
Product data	
Full product code	871150063946255
Order product name	MASTER TL5 HE 28W/830 SLV/40
EAN/UPC - Product	8711500639462
Order code	63946255
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	927926583055
Net Weight (Piece)	104.500 g
ILCOS Code	FDH-28/30/1B-L/P-G5-16/1150

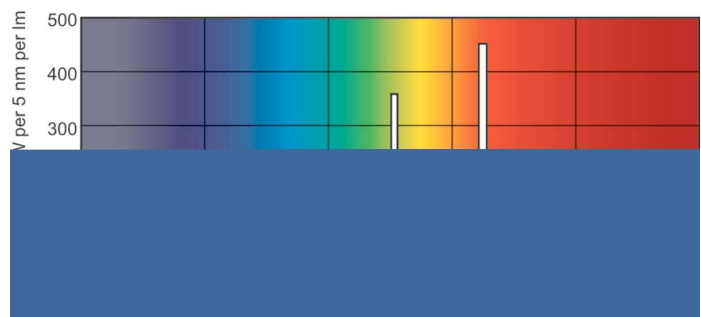
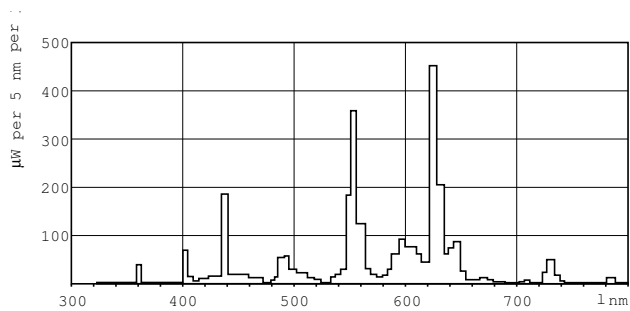
## Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE 28W/830 SLV/40	17 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm

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## Photometric data

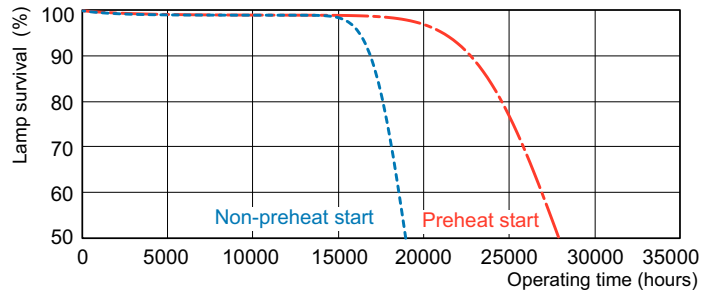


## Lightcolour /830

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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

