



# MASTER TL5 High Efficiency

## MASTER TL5 HE 28W/840 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		Chromaticity coordinate X (nom.)		0.38
Cap base	G5 [ G5]	Chromaticity coordinate Y (nom.)		0.38
Life to 50% failures preheat (nom.)	24000 h	Colour Temperature, horizontal (Nom)		4000 K
Features	na [ Not Applicable]	Lamp Luminous Efficacy EM (Nom)		96 lm/W
System description	High Efficiency	Colour Rendering Index,horiz (Max)		85
LSF preheat 2,000 hours rated	99 %	Colour Rendering Index,horiz (Min)		80
LSF preheat 4,000 hours rated	99 %	Colour Rendering Index,horiz (Nom)		80
LSF preheat 6,000 hours rated	99 %	LLMF 2000 h Rated		96 %
LSF preheat 8,000 hours rated	99 %	LLMF 4000 h Rated		95 %
LSF preheat 16,000 hours rated	97 %	LLMF 6000 h Rated		94 %
LSF preheat 20,000 hours rated	84 %	LLMF 8000 h Rated		93 %
	Sphere	LLMF 12000 h Rated		92 %
		LLMF 16000 h Rated		91 %
		LLMF 20000 h Rated		90 %
Light Technical		Operating and Electrical		
Colour Code	840 [ CCT of 4,000 K]	Power (Rated) (Nom)	28.1 W	
Lamp Luminous Flux 25°C EL (Nom)	2675 lm	Lamp current (nom.)	0.170 A	
Lamp Luminous Flux (Nom)	2675 lm			
Colour Designation	Cool White (CW)			
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 (max.)	1.4 mg
Mercury (Hg) content (nom.)	1.4 mg
Energy consumption kWh/1,000 hours	29 kWh

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Product Data	
Full product code	871150063948655
Order product name	MASTER TL5 HE 28W/840 SLV/40
EAN/UPC – product	8711500639486
Order code	927926584055
Local order code	TL528W840HE
SAP numerator – quantity per pack	1
Numerator – packs per outer box	40
SAP material	927926584055
SAP net weight (piece)	105.800 g
ILCOS code	FDH-28/40/1B-L/P-G5-16/1150

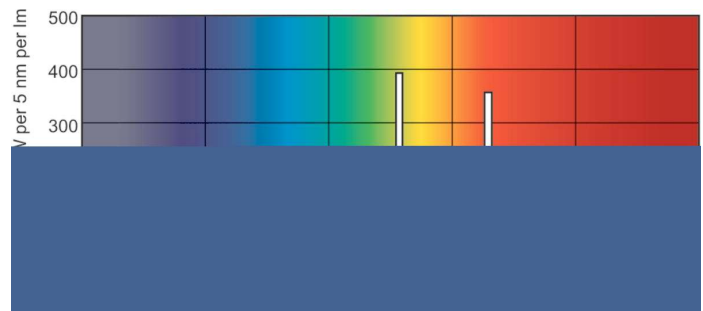
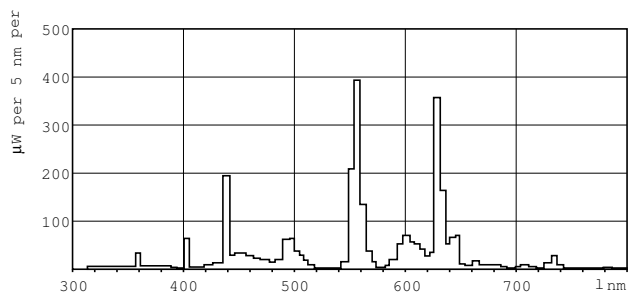
## Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE 28W/840 SLV/40	17 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm

## TL5 28W/840/GP HE

### Photometric data

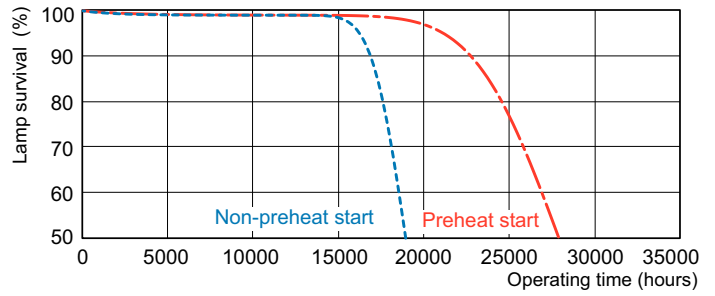


## Lightcolour /840

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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

