



# MASTER TL5 High Efficiency

## MASTER TL5 HE 28W/827 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]	Luminous efficacy (rated) (nom.)	96 lm/W
Life to 50% failures preheat (nom.)	24000 h	Color rendering index (max.)	85
Features	na [ Not Applicable]	Colour-rendering index (min.)	80
System description	High Efficiency	Colour rendering index (nom.)	82
LSF preheat 2,000 hours rated	99 %	LLMF 2000 h Rated	96 %
LSF preheat 4,000 hours rated	99 %	LLMF 4000 h Rated	95 %
LSF preheat 6,000 hours rated	99 %	LLMF 6000 h Rated	94 %
LSF preheat 8,000 hours rated	99 %	LLMF 8000 h Rated	93 %
LSF preheat 16,000 hours rated	97 %	LLMF 12000 h Rated	92 %
LSF preheat 20,000 hours rated	84 %	LLMF 16000 h Rated	91 %
		LLMF 20000 h Rated	90 %
Light Technical		Temperature	
Colour Code	827 [ CCT of 2,700 K]	Power (Rated) (Nom)	27.9 W
Luminous flux (nom.)	2900 lm	Lamp current (nom.)	0.170 A
Luminous flux (rated) (nom.)	2675 lm		
Colour designation	Incandescent White		
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	104 lm/W		
Correlated Colour Temperature (Nom)	2700 K	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	871150064322355
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Order product name	MASTER TL5 HE 28W/827 SLV/40
EAN/UPC – product	8711500643223
Order code	64322355
Local code	28827
SAP numerator – quantity per pack	1
Numerator – packs per outer box	40
Material no. (12 NC)	927926582755
SAP net weight (piece)	105.800 g
ILCOS code	FDH-28/27/1B-L/P-G5-16/1150

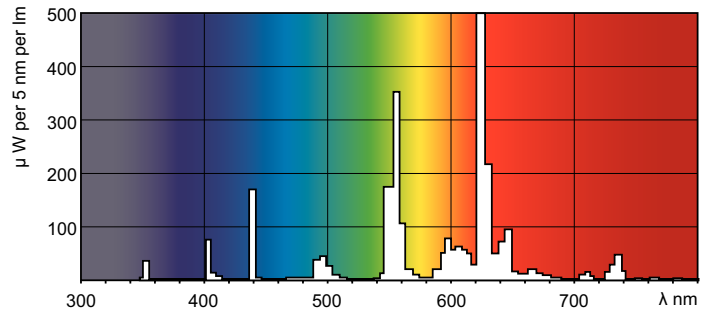
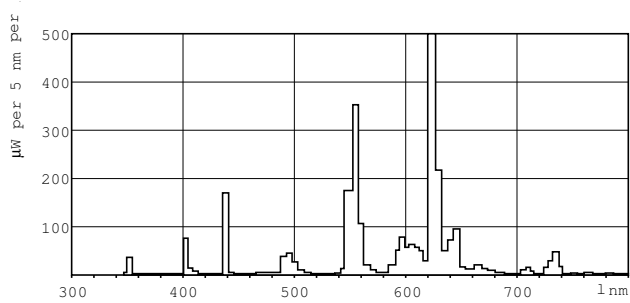
## Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE 28W/827 SLV/40	17 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm

## TL5 28W/827/GP HE

## Photometric data



## Lightcolour /827

## Lightcolour /827

# 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

