



# 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	
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 %
	Sphere
Light Technical	
Colour Code	830 [ CCT of 3,000 K]
Luminous flux (nom.)	2675 lm
Luminous flux (rated) (nom.)	2675 lm
Colour designation	Warm white (WW)
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	104 lm/W

Chromaticity coordinate X (nom.)	0.44
Chromaticity coordinate Y (nom.)	0.403
Correlated Colour Temperature (Nom)	3000 K
Luminous efficacy (rated) (nom.)	96 lm/W
Color rendering index (max.)	85
Colour-rendering index (min.)	80
Colour rendering index (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)	28.1 W
Lamp current (nom.)	0.170 A

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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

	423460
Product Data	
Full product code	871150063946255
Order product name	MASTER TL5 HE 28W/830 SLV/40
EAN/UPC – product	8711500639462
Order code	63946255
Local order code	28830
SAP numerator – quantity per pack	1
Numerator – packs per outer box	40
SAP material	927926583055
SAP net weight (piece)	104.500 g
ILCOS code	FDH-28/30/1B-L/P-G5-16/1150

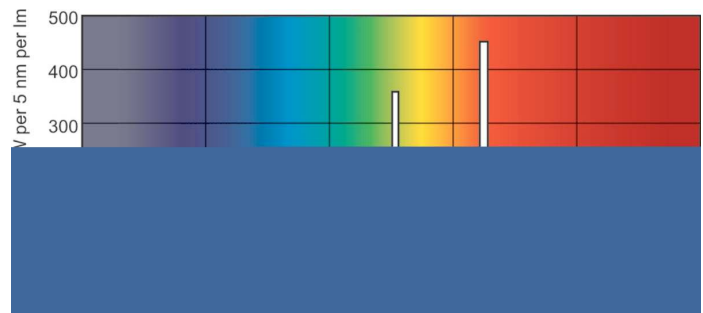
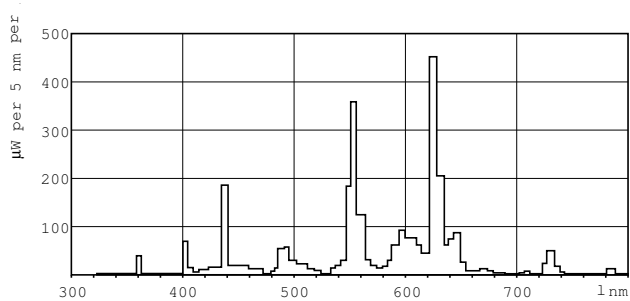
## Dimensional drawing



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

## MASTER TL5 HE 28W/830 SLV/40

## Photometric data



## Lightcolour /830

## Lightcolour /830

# 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

