



# MASTER TL5 High Efficiency

## MASTER TL5 HE 28W/830 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	
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 %

  

Light Technical	
Colour Code	830 [ CCT of 3,000 K]
Lamp Luminous Flux 25°C EL (Nom)	2900 lm
Lamp Luminous Flux (Nom)	2675 lm
Colour Designation	Warm white (WW)
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	104 lm/W
Colour Temperature, horizontal (Nom)	3000 K

Lamp Luminous Efficacy EM (Nom)	96 lm/W
Colour Rendering Index,horiz (Max)	85
Colour Rendering Index,horiz (Min)	80
Colour Rendering Index,horiz (Nom)	>80
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)	27.9 W
Lamp current (nom.)	0.170 A

  

Temperature	
Design temperature (nom.)	35 °C



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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

