



# MASTER TL5 High Efficiency



## MASTER TL5 HE 35W/827 1SL/40

This TL5 lamp (tube diameter 16 mm) has a high luminous efficacy, resulting in low energy consumption. The High Efficiency TL5 lamp offers excellent lumen maintenance and good color rendering. Application areas are offices, industry, public and governmental buildings, schools, hospitals and indoor sports lighting.

### 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]	Luminous flux (rated) (nom.)	3325 lm
Life to 50% failures preheat (nom.)	24000 h	Colour designation	Incandescent White
Features	na [ Not Applicable]	Luminous Efficacy (@ Max Lumen, Rated) (Nom)	104 lm/W
System description	High Efficiency	Chromaticity coordinate X (nom.)	0.463
LSF preheat 2,000 hours rated	99 %	Chromaticity coordinate Y (nom.)	0.42
LSF preheat 4,000 hours rated	99 %	Correlated Colour Temperature (Nom)	2700 K
LSF preheat 6,000 hours rated	99 %	Luminous efficacy (rated) (nom.)	94 lm/W
LSF preheat 8,000 hours rated	99 %	Color rendering index (max.)	85
LSF preheat 16,000 hours rated	97 %	Colour-rendering index (min.)	80
LSF preheat 20,000 hours rated	84 %	Colour rendering index (nom.)	82
	Sphere	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 %
Light Technical			
Colour Code	827 [ CCT of 2,700 K]		
Luminous flux (nom.)	3315 lm		

# MASTER TL5 High Efficiency

LLMF 20000 h Rated	90 %
<b>Operating and Electrical</b>	
Power (Rated) (Nom)	34.9 W
Lamp current (nom.)	0.175 A
<b>Temperature</b>	
Design temperature (nom.)	35 °C
<b>Controls and Dimming</b>	
Dimmable	Yes
<b>Mechanical and Housing</b>	
Cap-base information	Green Plate
Bulb shape	T5 [ 16 mm (T5)]
<b>Approval and Application</b>	
Energy Efficiency Class	F

Mercury (Hg) content (max.)	1.4 mg
Mercury (Hg) content (nom.)	1.4 mg
Energy consumption kWh/1,000 hours	35 kWh
	423539
<b>Product Data</b>	
Full product code	871150064324755
Order product name	MASTER TL5 HE 35W/827 SLV/40
EAN/UPC – product	8711500643247
Order code	64324755
SAP numerator – quantity per pack	1
Numerator – packs per outer box	40
SAP material	927927082755
SAP net weight (piece)	127.400 g
ILCOS code	FDH-35/27/1B-L/P-G5-16/1450

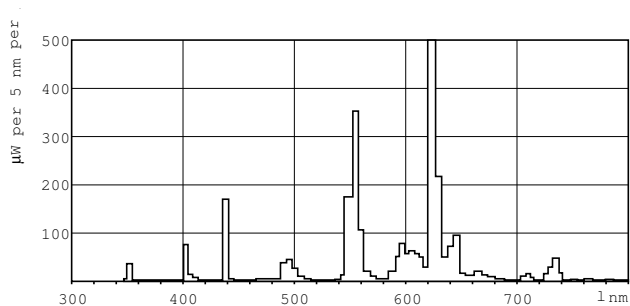
## Dimensional drawing



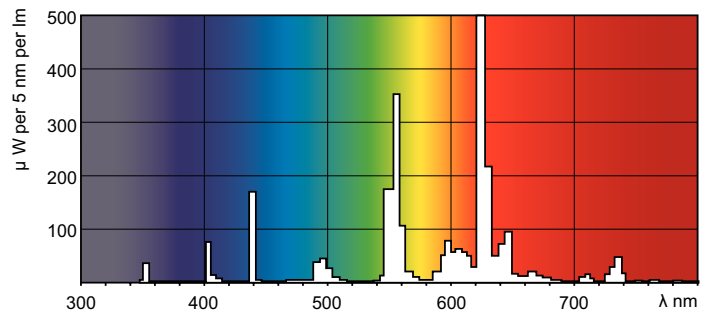
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE 35W/827 SLV/40	17 mm	1449.0 mm	1456.1 mm	1453.7 mm	1463.2 mm

## TL5 35W/827/GP HE

## Photometric data



LDPB\_TL5-HE8\_827-Spectral power distribution B/W



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

