



# MASTER TL5 High Efficiency



## MASTER TL5 HE 14W/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]
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	827 [ CCT of 2,700 K]
Luminous flux (nom.)	1200 lm

Luminous flux (rated) (nom.)	1200 lm
Colour designation	Incandescent White
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	96 lm/W
Chromaticity coordinate X (nom.)	0.463
Chromaticity coordinate Y (nom.)	0.42
Correlated Colour Temperature (Nom)	2700 K
Luminous efficacy (rated) (nom.)	86 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 %

# MASTER TL5 High Efficiency

LLMF 20000 h Rated	90 %
<b>Operating and Electrical</b>	
Power (Rated) (Nom)	14.0 W
Lamp current (nom.)	0.165 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	G

Mercury (Hg) content (max.)	1.4 mg
Mercury (Hg) content (nom.)	1.4 mg
Energy consumption kWh/1,000 hours	14 kWh
	423440
<b>Product Data</b>	
Full product code	871150064102155
Order product name	MASTER TL5 HE 14W/827 SLV/40
EAN/UPC – product	8711500641021
Order code	64102155
SAP numerator – quantity per pack	1
Numerator – packs per outer box	40
SAP material	927926082755
SAP net weight (piece)	52.000 g
ILCOS code	FDH-14/27/1B-L/P-G5-16/550

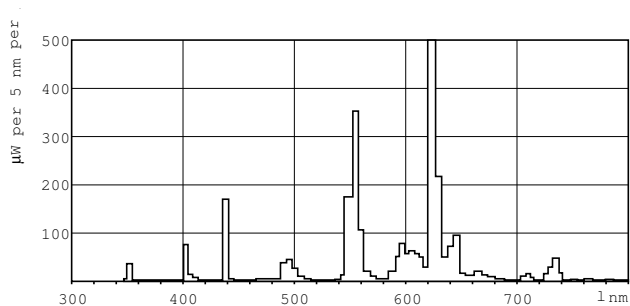
## Dimensional drawing



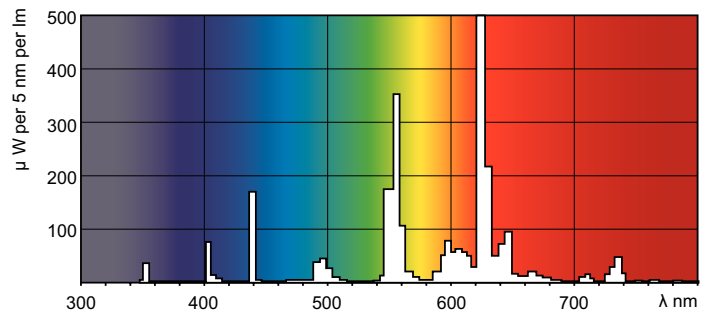
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE 14W/827 SLV/40	17 mm	549.0 mm	556.1 mm	553.7 mm	563.2 mm

## TL5 14W/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

