



MASTER TL5 High Efficiency



MASTER TL5 HE 14W/835 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 %
	Sphere

Light Technical	
Colour Code	835 [CCT of 3,500 K]
Luminous flux (nom.)	1200 lm
Luminous flux (rated) (nom.)	1200 lm
Colour designation	White (WH)
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	96 lm/W

Chromaticity coordinate X (nom.)	0.409
Chromaticity coordinate Y (nom.)	0.394
Correlated Colour Temperature (Nom)	3500 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 %
LLMF 20000 h Rated	90 %

Operating and Electrical	
Power (Rated) (Nom)	14.0 W
Lamp current (nom.)	0.165 A

MASTER TL5 High Efficiency

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	G
Mercury (Hg) content (max.)	1.4 mg
Mercury (Hg) content (nom.)	1.4 mg
Energy consumption kWh/1,000 hours	14 kWh

	423444
Product Data	
Full product code	871150070765955
Order product name	MASTER TL5 HE 14W/835 SLV/40
EAN/UPC – product	8711500707659
Order code	70765955
Local order code	14835
SAP numerator – quantity per pack	1
Numerator – packs per outer box	40
SAP material	927926083555
SAP net weight (piece)	52.000 g
ILCOS code	FDH-14/35/1B-L/P-G5-16/550

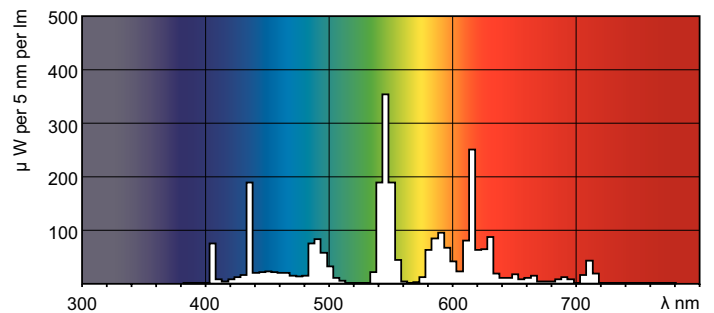
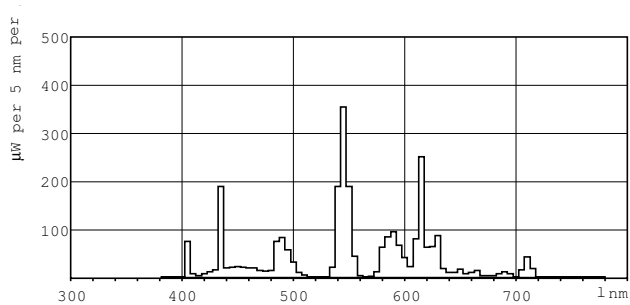
Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE 14W/835 SLV/40	17 mm	549.0 mm	556.1 mm	553.7 mm	563.2 mm

TL5 14W/835/GP HE

Photometric data



Lightcolour /835

Lightcolour /835

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

