



# MASTER TL5 High Efficiency

## MASTER TL5 HE 35W/827 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 2000 h Rated	99 %
LSF Preheat 4000 h Rated	99 %
LSF Preheat 6000 h Rated	99 %
LSF Preheat 8000 h Rated	99 %
LSF Preheat 16000 h Rated	97 %
LSF Preheat 20000 h Rated	84 %
Light Technical	
Colour Code	827 [ CCT of 2700K]
Luminous Flux (Nom)	3650 lm
Luminous Flux (Rated) (Nom)	3325 lm
Colour Designation	Incandescent White
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	104 lm/W
Colour Temperature, horizontal (Nom)	2700 K

Luminous Efficacy (rated) (Nom)	94 lm/W
Colour Rendering Index horiz (Max)	85
Colour Rendering Index horiz (Min)	80
Colour Rendering Index horiz (Nom)	82
Depreciation 2000 hrs	96 %
LLMF 4000 h Rated	95 %
Depreciation 5000 hrs	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)	35.5 W
Lamp Current (Nom)	0.175 A
Temperature	
Design Temperature (Nom)	35 °C

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## Controls and Dimming

Dimmable	Yes
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## Mechanical and Housing

Cap-Base Information	Green Plate
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## Approval and Application

Energy Efficiency Label	A+
Mercury (Hg) Content (Nom)	1.4 mg
Energy Consumption kWh/1000 h	38 kWh

## Product Data

Full product code	871150064324755
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Order product name	MASTER TL5 HE 35W/827 SLV/40
EAN/UPC - Product	8711500643247
Order code	64324755
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	927927082755
Net Weight (Piece)	127.400 g
ILCOS Code	FDH-35/27/1B-L/P-G5-16/1450

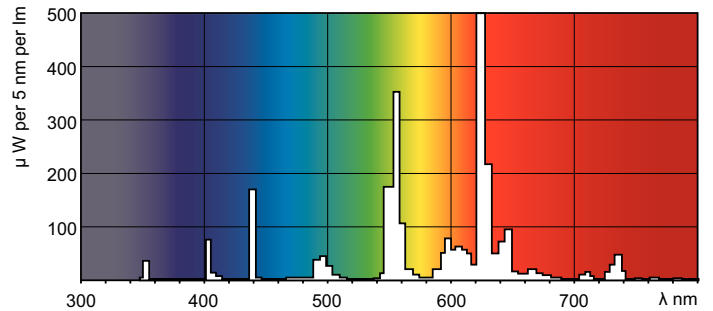
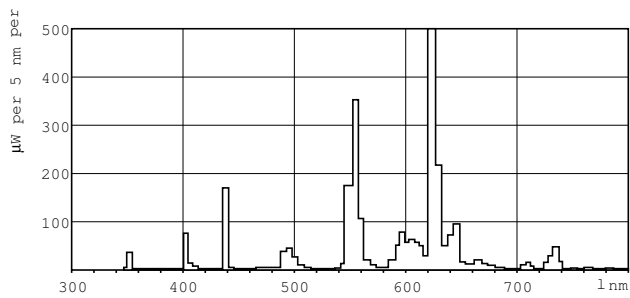
## Dimensional drawing



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



## Lightcolour /827

## 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

