



# MASTER TL5 High Efficiency



## MASTER TL5 HE 28W/840 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 %
Flux measurement reference	Sphere
Light technical	
Colour Code	840 [ CCT of 4000K]
Luminous Flux (Nom)	2675 lm
Luminous Flux (Rated) (Nom)	2675 lm
Colour Designation	Cool White (CW)
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	104 lm/W

Chromaticity Coordinate X (Nom)	0.38
Chromaticity Coordinate Y (Nom)	0.38
Colour Temperature, horizontal (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	96 lm/W
Colour Rendering Index horiz (Max)	85
Colour Rendering Index horiz (Min)	80
Colour Rendering Index horiz (Nom)	80
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)	28.1 W
Lamp Current (Nom)	0.170 A

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## 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 F

Mercury (Hg) Content (Nom) 1.2 mg

Energy Consumption kWh/1000 h 29 kWh

EPREL Registration Number 423537

## Product data

Full product code 871150063948655

Order product name MASTER TL5 HE 28W/840 SLV/40

EAN/UPC - Product 8711500639486

Order code 63948655

Numerator - Quantity Per Pack 1

Local code description 8343030

Numerator - Packs per outer box 40

Material Nr. (12NC) 927926584055

Net Weight (Piece) 105.800 g

ILCOS Code FDH-28/40/1B-L/P-G5-16/1150

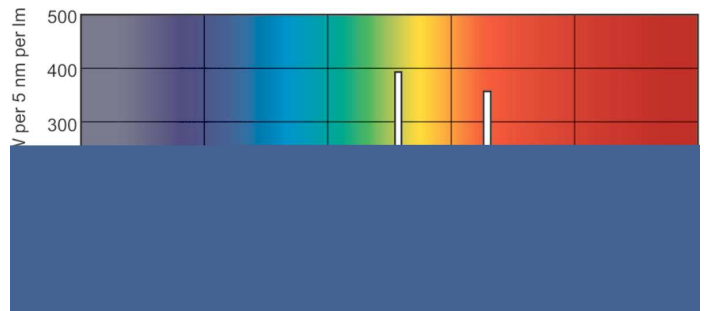
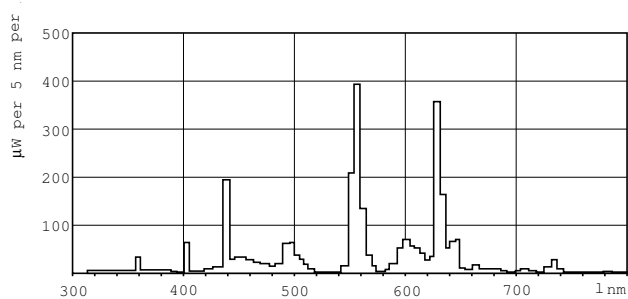
## Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE 28W/840 SLV/40	17 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm

## MASTER TL5 HE 28W/840 SLV/40

## Photometric data

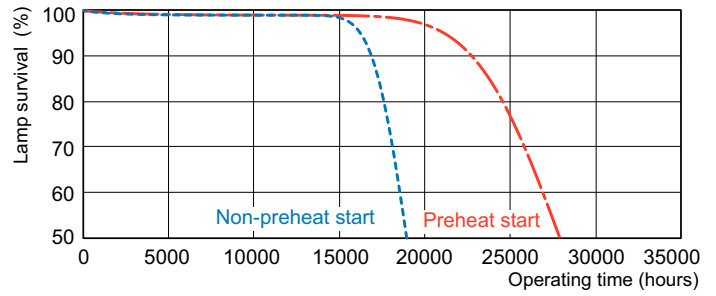
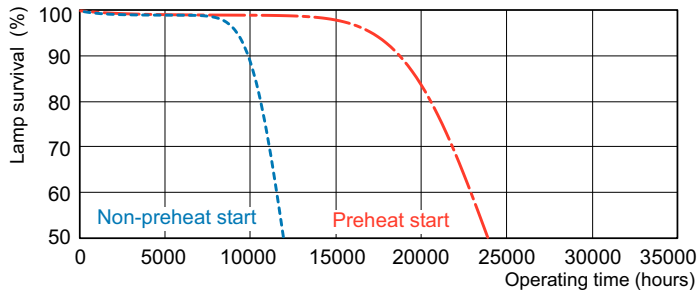


## Lightcolour /840

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# 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

