



MASTER TL5 High Efficiency

MASTER TL5 HE 28W/840 UNP/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 %

Light Technical	
Colour Code	840 [CCT of 4,000 K]
Lamp Luminous Flux 25°C EL (Nom)	2900 lm
Lamp Luminous Flux (Nom)	2675 lm
Colour Designation	Cool White (CW)
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	104 lm/W
Colour Temperature, horizontal (Nom)	4000 K

Lamp Luminous Efficacy EM (Nom)	96 lm/W
Colour Rendering Index,horiz (Max)	85
Colour Rendering Index,horiz (Min)	80
Colour Rendering Index,horiz (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)	27.9 W
Lamp current (nom.)	0.170 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 (EEL)	A+
Mercury (Hg) content (nom.)	1.4 mg
Energy consumption kWh/1,000 hours	31 kWh

Product Data

Full product code	871150061090455
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Order product name	MASTER TL5 HE 28W/840 UNP/40
EAN/UPC – product	8711500610904
Order code	927926584018
Local code	TL528W840HEBP
Numerator – quantity per pack	1
SAP numerator – packs per outer box	40
Material no. (12 NC)	927926584018
Net Weight (Piece)	105.800 g
ILCOS code	FDH-28/40/1B-L/P-G5-16/1150

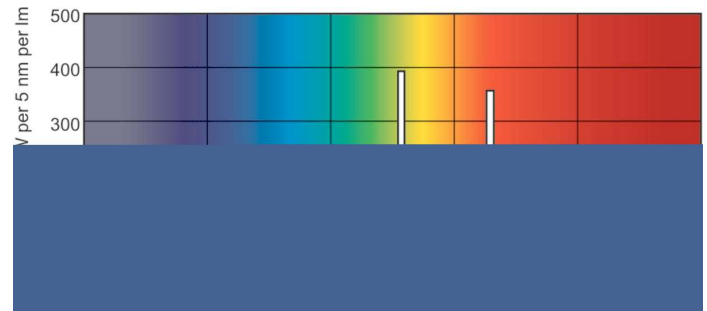
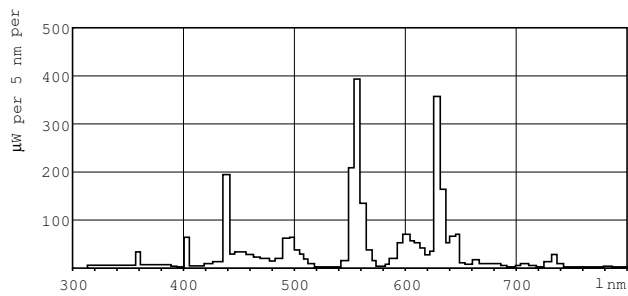
Dimensional drawing



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

TL5 28W/840/GP HE

Photometric data



Lightcolour /840

Lightcolour /840

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Lifetime



LDLE_TL5-HE8_0001-Life expectancy diagram

LDLE_TL5-HE8_0002-Life expectancy diagram



LDLM_TL5-HE8_0001-Lumen maintenance diagram

