



TL5 consumer products



TL5 HE 28W WW 1PP/10

A TL5 lamp is 40% thinner and 5 cm shorter than corresponding TL-D lamp. The lamps are available in 3 wattages and in 2 colors (warm white and cool white)

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		Luminous Efficacy (@ Max Lumen, Rated) (Nom)	
Cap-Base	G5 [G5]		104 lm/W
Life to 50% Failures Preheat (Nom)	24000 h	Chromaticity Coordinate X (Nom)	0.44
Features	na [Not Applicable]	Chromaticity Coordinate Y (Nom)	0.403
System Description	High Efficiency	Correlated Color Temperature (Nom)	3000 K
LSF Preheat 2000 h Rated	99 %	Luminous Efficacy (rated) (Nom)	96 lm/W
LSF Preheat 4000 h Rated	99 %	Color Rendering Index (Max)	85
LSF Preheat 6000 h Rated	99 %	Color Rendering Index (Min)	80
LSF Preheat 8000 h Rated	99 %	Color Rendering Index (Nom)	82
LSF Preheat 16000 h Rated	97 %	LLMF 2000 h Rated	96 %
LSF Preheat 20000 h Rated	84 %	LLMF 4000 h Rated	95 %
Flux measurement reference	Sphere	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 %
Light technical		Operating and electrical	
Color Code	830 [CCT of 3000K]	Power (Nom)	28.1 W
Luminous Flux (Nom)	2675 lm		
Luminous Flux (Rated) (Nom)	2675 lm		
Color Designation	Warm White (WW)		

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Lamp Current (Nom)	0.170 A
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 (Max)	1.4 mg
Mercury (Hg) Content (Nom)	1.4 mg

Energy Consumption kWh/1000 h	29 kWh
EPREL Registration Number	423459
Product data	
Full product code	871150089725125
Order product name	TL5 HE 28W WW 1PP/10
EAN/UPC - Product	8711500897251
Order code	927926583032
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	927926583032
Net Weight (Piece)	105.800 g
ILCOS Code	FDH-28/30/1B-L/P-G5-16/1150

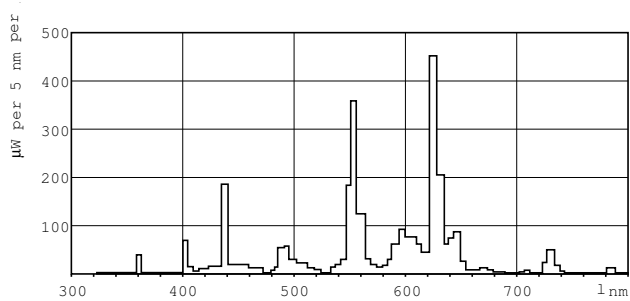
Dimensional drawing



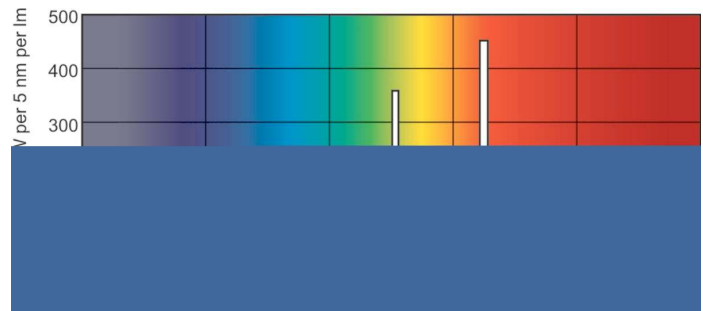
Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL5 HE 28W WW 1PP/10	17 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm

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Photometric data



LDPB_TL5-HE8_830-Spectral power distribution B/W



LDPO_TL5-HE8_830-Spectral power distribution Colour

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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

