



MASTER TL5 High Efficiency

MASTER TL5 HE 28W/830 SLV/40

Low-pressure mercury discharge lamps with a tubular 16 mm envelope

Product data

General Information		LLMF 2000 h Rated		96 %	
Cap base	G5 [G5]	LLMF 4000 h Rated	95 %		
Life to 50% failures preheat (nom.)	24000 h	LLMF 6000 h Rated	94 %		
Features	na [Not Applicable]	LLMF 8000 h Rated	93 %		
System description	High Efficiency	LLMF 12000 h Rated	92 %		
LSF Preheat 2000 h Rated	99 %	LLMF 16000 h Rated	91 %		
LSF Preheat 4000 h Rated	99 %	LLMF 20000 h Rated	90 %		
LSF Preheat 6000 h Rated	99 %	Operating and Electrical			
LSF Preheat 8000 h Rated	99 %	Power (Rated) (Nom)	27.9 W		
LSF Preheat 16000 h Rated	97 %	Lamp current (nom.)	0.170 A		
LSF Preheat 20000 h Rated	84 %	Temperature			
Light Technical		Design temperature (nom.)	35 °C		
Colour Code	830 [CCT of 3,000 K]	Controls and Dimming			
Lamp Luminous Flux 25°C EL (Nom)	2900 lm	Dimmable	yes		
Lamp Luminous Flux (Nom)	2675 lm	Mechanical and Housing			
Colour Designation	Warm white (WW)	Cap base information	Green Plate		
Luminous efficacy (@ max. lumen, rated) (nom.)	104 lm/W	Approval and Application			
Colour Temperature, horizontal (Nom)	3000 K	Energy efficiency label (EEL)	A+		
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)	>80				

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Mercury (Hg) content (nom.)	1.4 mg
Energy Consumption kWh/1000 h	31 kWh
Product Data	
Full product code	871150063946255
Order product name	MASTER TL5 HE 28W/830 SLV/40
EAN/UPC – product	8711500639462
Order code	927926583055

Local Code	TL528W830HE
Numerator – quantity per pack	1
Numerator – packs per outer box	40
Material no. (12NC)	927926583055
Net weight (piece)	104.500 g
ILCOS Code	FDH-28/30/1B-L/P-G5-16/1150

Warnings and Safety

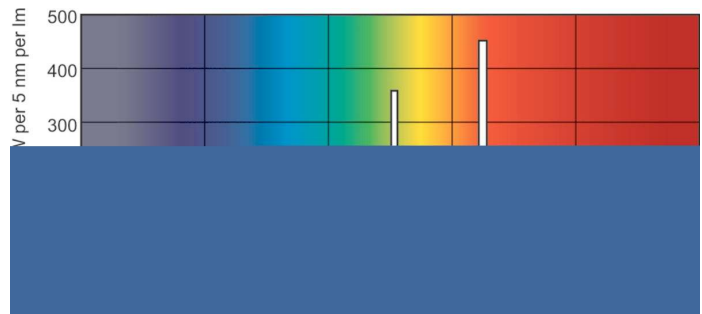
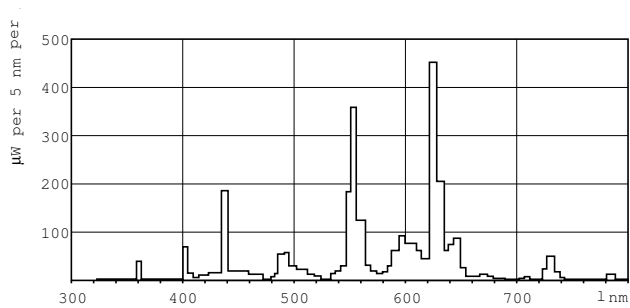
Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE 28W/830 SLV/40	17 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm

TL5 28W/830/GP HE

Photometric data



Lightcolour /830

Lightcolour /830

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Lifetime



LDLE_TL5-HE8_0002-Life expectancy diagram

