



MASTER TL5 High Efficiency

MASTER TL5 HE 28W/827 1SL/40

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

Product data

General Information		LLMF 2000 h Rated		LLMF 4000 h Rated		LLMF 6000 h Rated		LLMF 8000 h Rated		LLMF 12000 h Rated		LLMF 16000 h Rated		LLMF 20000 h Rated	
Cap base	G5 [G5]		96 %		95 %		94 %		93 %		92 %		91 %		90 %
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		Operating and Electrical		Temperature		Controls and Dimming		Mechanical and Housing		Approval and Application					
Colour code	827 [CCT of 2,700 K]	Power (Rated) (Nom)	27.9 W	Design temperature (nom.)	35 °C	Dimmable	yes	Cap base information	Green Plate	Energy efficiency label (EEL)	A+				
Luminous flux (nom.)	2900 lm														
Luminous flux (rated) (nom.)	2675 lm														
Colour designation	Incandescent White														
Luminous efficacy (@ max. lumen, rated) (nom.)	104 lm/W														
Correlated colour temperature (nom.)	2700 K														
Luminous efficacy (rated) (nom.)	96 lm/W														
Color rendering index (max.)	85														
Color rendering index (min.)	80														
Color rendering index (nom.)	82														

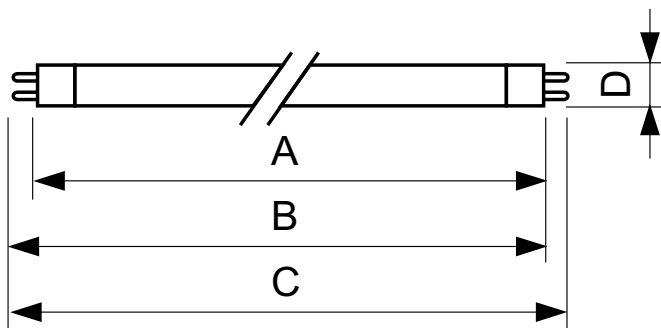
MASTER TL5 High Efficiency

Mercury (Hg) content (nom.)	1.4 mg
Energy Consumption kWh/1000 h	31 kWh
Product Data	
Full product code	871150064322355
Order product name	MASTER TL5 HE 28W/827 SLV/40
EAN/UPC – product	8711500643223
Order code	64322355

Local Code	28827
Numerator – quantity per pack	1
Numerator – packs per outer box	40
Material no. (12NC)	927926582755
Net weight (piece)	105.800 g
ILCOS Code	FDH-28/27/1B-L/P-G5-16/1150

Warnings and Safety

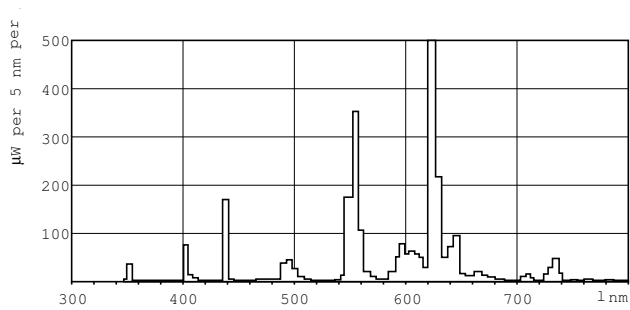
Dimensional drawing



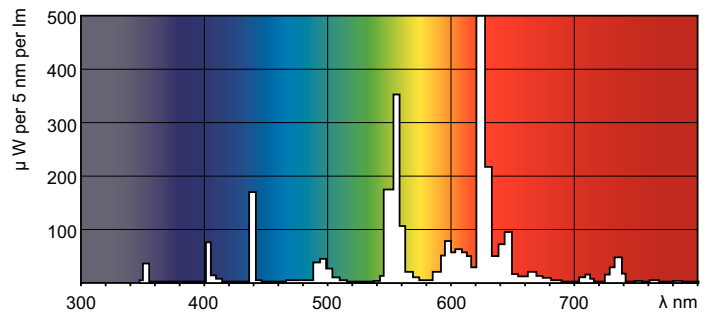
TL5 28W/827/GP HE

Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE 28W/827 SLV/40	17 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm

Photometric data



Lightcolour /827



Lightcolour /827

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Lifetime



LDLE_TL5-HE8_0002-Life expectancy diagram

