



MASTER TL5 High Efficiency

MASTER TL5 HE 28W/830 1SL/20

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

Product data

General Information

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 %		
Light Technical			
Colour code	830 [CCT of 3,000 K]		
Luminous flux (nom.)	2900 lm		
Luminous flux (rated) (nom.)	2675 lm		
Colour designation	Warm white (WW)		
Luminous efficacy (@ max. lumen, rated) (nom.)	104 lm/W		
Correlated colour temperature (nom.)	3000 K		
Luminous efficacy (rated) (nom.)	96 lm/W		
Color rendering index (max.)	85		
Color rendering index (min.)	80		
Color rendering index (nom.)	>80		

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 ℃		
Controls and Dimming			
Dimmable	yes		
Mechanical and Housing			
Cap base information	Green Plate		
Approval and Application			
Energy efficiency label (EEL)	A+		

Datasheet, 2018, July 25 data subject to change

MASTER TL5 High Efficiency

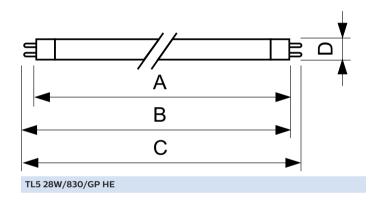
Mercury (Hg) content (nom.)	1.4 mg		
Energy Consumption kWh/1000 h	31 kWh		
Product Data			
Full product code	871150063946205		
Order product name	MASTER TL5 HE 28W/830 1SL/20		
EAN/UPC – product	8711500639462		
Order code	63946205		

Local Code	MSTTL5HE24W840		
Numerator – quantity per pack	1		
Numerator – packs per outer box	20		
Material no. (12NC)	927926583061		
Net weight (piece)	105.800 g		
ILCOS Code	FDH-28/30/1B-L/P-G5-16/1150		

Warnings and Safety

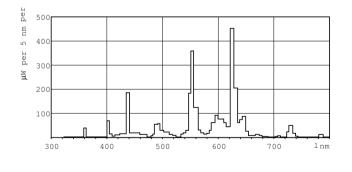
• A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

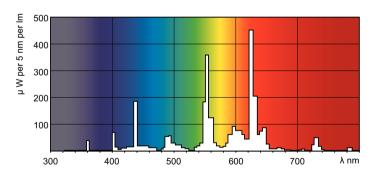
Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE	17 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm
28W/830 1SL/20					

Photometric data



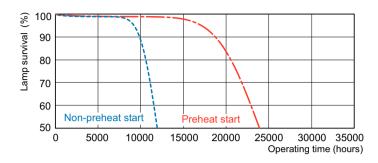


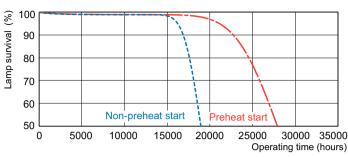
Lightcolour /830

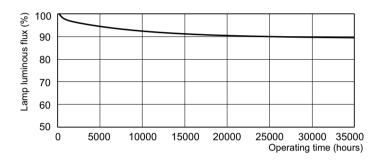
Lightcolour /830

MASTER TL5 High Efficiency

Lifetime









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