



# 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	
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 °C

Controls and Dimming	
Dimmable	yes

Mechanical and Housing	
Cap base information	Green Plate

Approval and Application	
Energy efficiency label (EEL)	A+

# MASTER TL5 High Efficiency

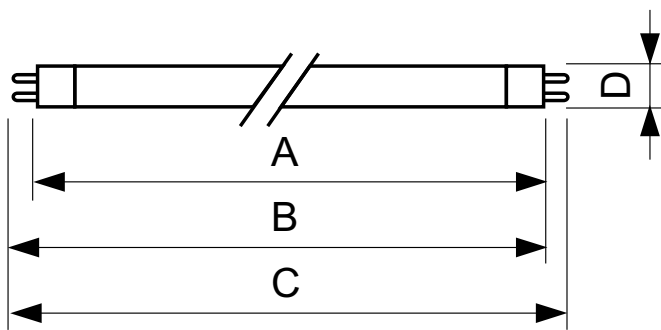
Mercury (Hg) content (nom.)	1.4 mg
Energy Consumption kWh/1000 h	31 kWh
<b>Product Data</b>	
Full product code	871150063946205
Order product name	MASTER TL5 HE 28W/830 1SL/20
EAN/UPC – product	8711500639462
Order code	63946205

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.

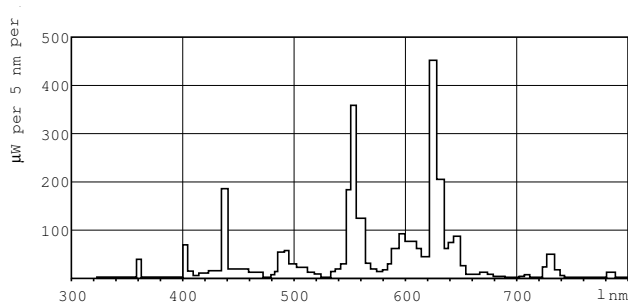
## Dimensional drawing



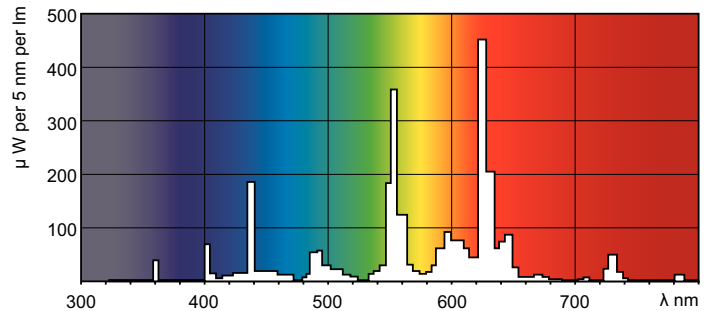
TL5 28W/830/GP HE

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

## Photometric data



Lightcolour /830



Lightcolour /830

# MASTER TL5 High Efficiency

## Lifetime

