

MASTER TL5 High Efficiency

MASTER TL5 HE 14W/840 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	840 [CCT of 4,000 K]		
Luminous flux (nom.)	1350 lm		
Luminous flux (rated) (nom.)	1200 lm		
Colour designation	Cool White (CW)		
Luminous efficacy (@ max. lumen, rated) (nom.)	99 lm/W		
Correlated colour temperature (nom.)	4000 K		
Luminous efficacy (rated) (nom.)	86 lm/W		
Color rendering index (max.)	85		
Color rendering index (min.)	80		
Color rendering index (nom.)	82		

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)	14 W	
Lamp current (nom.)	0.165 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+	

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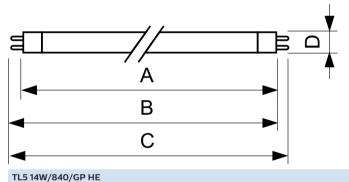
Mercury (Hg) content (nom.)	1.4 mg
Energy Consumption kWh/1000 h	15 kWh
Product Data	
Full product code	871150063940005
Order product name	MASTER TL5 HE 14W/840 1SL/20
EAN/UPC – product	8711500639400
Order code	63940005

Local Code	MSTTL5HE14W840
Numerator – quantity per pack	1
Numerator – packs per outer box	20
Material no. (12NC)	927926084061
Net weight (piece)	52.000 g
ILCOS Code	FDH-14/40/1B-L/P-G5-16/550

Warnings and Safety

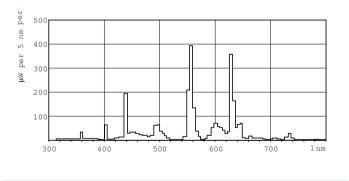
• A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE 14W/840	17 mm	549.0 mm	556.1 mm	553.7 mm	563.2 mm
1SL/20					

Photometric data



µ W per 5 nm per lm 400 300 200 100 λnm 700 300 400 500 600

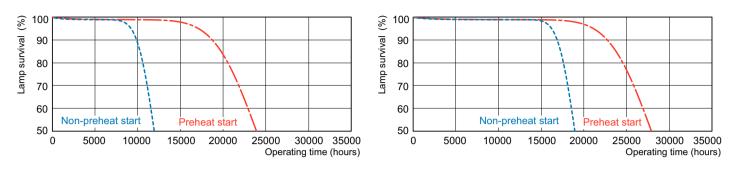
Lightcolour /840

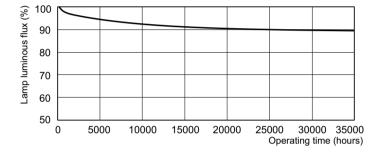
Lightcolour /840

500

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Lifetime







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