



MASTER TL5 High Efficiency

MASTER TL5 HE 21W/840 UNP/40

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.)	2100 lm
Luminous flux (rated) (nom.)	1850 lm
Colour designation	Cool White (CW)
Luminous efficacy (@ max. lumen, rated) (nom.)	101 lm/W
Correlated colour temperature (nom.)	4000 K
Luminous efficacy (rated) (nom.)	90 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)	20.6 W
Lamp current (nom.)	0.165 A

Temperature

Design temperature (nom.)	35 °C
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Controls and Dimming

Dimmable	yes
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Mechanical and Housing

Cap base information	Green Plate
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Approval and Application

Energy efficiency label (EEL)	A+
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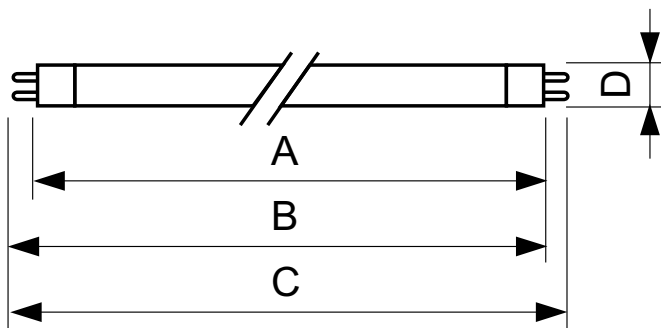
MASTER TL5 High Efficiency

Mercury (Hg) content (nom.)	1.4 mg
Energy Consumption kWh/1000 h	23 kWh
Product Data	
Full product code	871150061072055
Order product name	MASTER TL5 HE 21W/840 UNP/40
EAN/UPC – product	8711500610720
Order code	61072055

Local Code	21840IP
Numerator – quantity per pack	1
Numerator – packs per outer box	40
Material no. (12NC)	927926284018
Net weight (piece)	79.200 g
ILCOS Code	FDH-21/40/1B-L/P-G5-16/850

Warnings and Safety

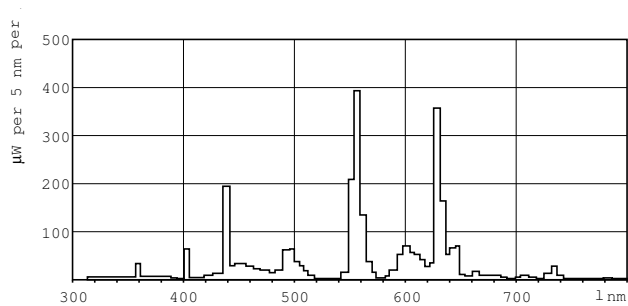
Dimensional drawing



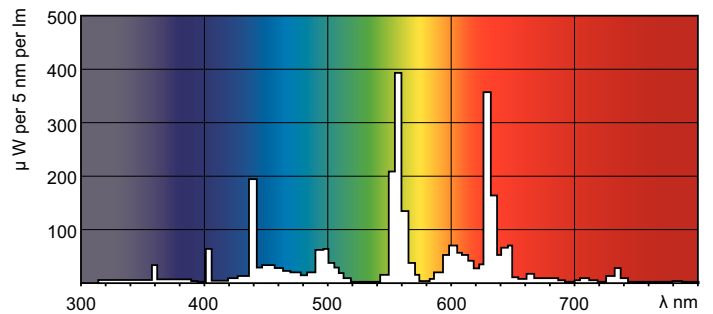
TL5 21W/840/GP HE

Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE 21W/840 UNP/40	17 mm	849.0 mm	856.1 mm	853.7 mm	863.2 mm

Photometric data



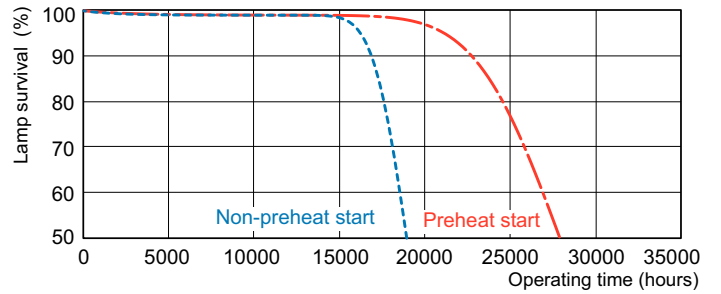
Lightcolour /840



Lightcolour /840

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Lifetime



LDLE_TL5-HE8_0002-Life expectancy diagram

