



MASTER TL5 High Efficiency

MASTER TL5 HE 21W/830 UNP/40

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

Product data

General Information		LLMF 2000 h Rated		96 %	
Cap base	G5 [G5]	LLMF 4000 h Rated	95 %		
Life to 50% failures preheat (nom.)	24000 h	LLMF 6000 h Rated	94 %		
Features	na [Not Applicable]	LLMF 8000 h Rated	93 %		
System description	High Efficiency	LLMF 12000 h Rated	92 %		
LSF Preheat 2000 h Rated	99 %	LLMF 16000 h Rated	91 %		
LSF Preheat 4000 h Rated	99 %	LLMF 20000 h Rated	90 %		
LSF Preheat 6000 h Rated	99 %	Operating and Electrical			
LSF Preheat 8000 h Rated	99 %	Power (Rated) (Nom)	20.6 W		
LSF Preheat 16000 h Rated	97 %	Lamp current (nom.)	0.165 A		
LSF Preheat 20000 h Rated	84 %	Temperature			
Light Technical		Design temperature (nom.)	35 °C		
Colour code	830 [CCT of 3,000 K]	Controls and Dimming			
Luminous flux (nom.)	2100 lm	Dimmable	yes		
Luminous flux (rated) (nom.)	1850 lm	Mechanical and Housing			
Colour designation	Warm white (WW)	Cap base information	Green Plate		
Luminous efficacy (@ max. lumen, rated) (nom.)	101 lm/W	Approval and Application			
Correlated colour temperature (nom.)	3000 K	Energy efficiency label (EEL)	A+		
Luminous efficacy (rated) (nom.)	90 lm/W				
Color rendering index (max.)	85				
Color rendering index (min.)	80				
Color rendering index (nom.)	>80				

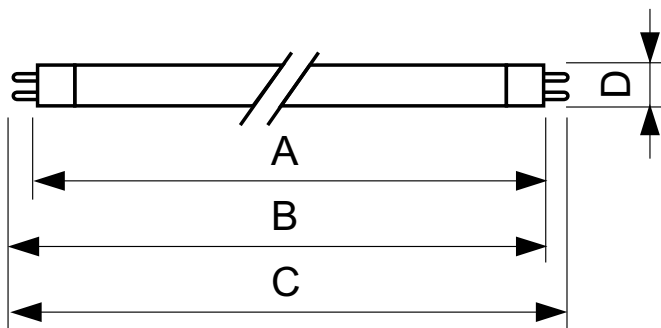
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Mercury (Hg) content (nom.)	1.4 mg
Energy Consumption kWh/1000 h	23 kWh
Product Data	
Full product code	871150061070655
Order product name	MASTER TL5 HE 21W/830 UNP/40
EAN/UPC – product	8711500610706
Order code	61070655

Local Code	21830IP
Numerator – quantity per pack	1
Numerator – packs per outer box	40
Material no. (12NC)	927926283018
Net weight (piece)	79.200 g
ILCOS Code	FDH-21/30/1B-L/P-G5-16/850

Warnings and Safety

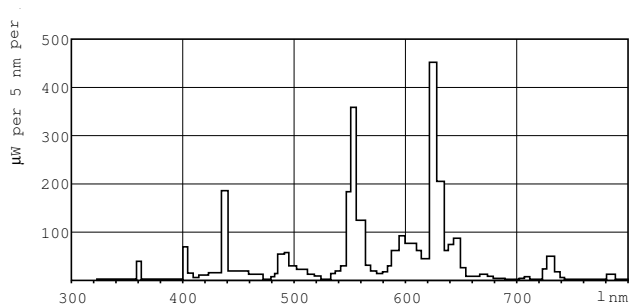
Dimensional drawing



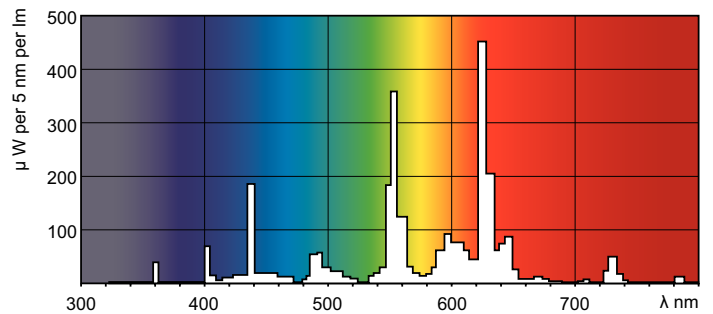
TL5 21W/830/GP HE

Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE 21W/830 UNP/40	17 mm	849.0 mm	856.1 mm	853.7 mm	863.2 mm

Photometric data



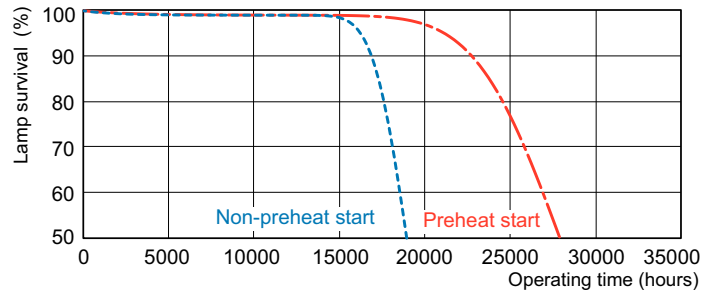
Lightcolour /830



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Lifetime



LDLE_TL5-HE8_0002-Life expectancy diagram

