



# MASTER TL5 High Output



## MASTER TL5 HO 80W/830 1SL/40

This TL5 lamp (tube diameter 16 mm) offers high light output. The TL5 HO lamp is optimized for installations requiring high light output and offers excellent lumen maintenance and color rendering. Application areas vary from offices and industry to schools and retail environments.

### 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.

### Product data

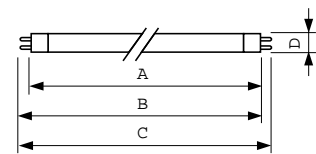
General Information			
Cap base	G5 [ G5]	Luminous flux (rated) (nom.)	6550 lm
Life to 50% failures preheat (nom.)	30000 h	Colour designation	Warm White (WW)
Features	na [ Not Applicable]	Luminous Efficacy (@ Max Lumen, Rated) (Nom)	88 lm/W
System description	High Output (HO)	Chromaticity coordinate X (nom.)	0.44
LSF preheat 2,000 hours rated	99 %	Chromaticity coordinate Y (nom.)	0.403
LSF preheat 4,000 hours rated	99 %	Correlated Colour Temperature (Nom)	3000 K
LSF preheat 6,000 hours rated	99 %	Luminous efficacy (rated) (nom.)	82 lm/W
LSF preheat 8,000 hours rated	99 %	Color rendering index (max.)	85
LSF preheat 16,000 hours rated	97 %	Colour-rendering index (min.)	80
LSF preheat 20,000 hours rated	84 %	Colour rendering index (nom.)	81
	Sphere	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 %
Light Technical			
Colour Code	830 [ CCT of 3,000 K]		
Luminous flux (nom.)	6550 lm		

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LLMF 20000 h Rated	90 %
<b>Operating and Electrical</b>	
Power (Rated) (Nom)	79.8 W
Lamp current (nom.)	0.530 A
<b>Temperature</b>	
Design temperature (nom.)	35 °C
<b>Controls and Dimming</b>	
Dimmable	Yes
<b>Mechanical and Housing</b>	
Cap-base information	Green Plate
Bulb shape	T5 [ 16 mm (T5)]
<b>Approval and Application</b>	
Energy Efficiency Class	G

Mercury (Hg) content (max.)	1.4 mg
Mercury (Hg) content (nom.)	1.4 mg
Energy consumption kWh/1,000 hours	80 kWh
	423569
<b>Product Data</b>	
Full product code	871150071040655
Order product name	MASTER TL5 HO 80W/830 SLV/40
EAN/UPC – product	8711500710406
Order code	71040655
SAP numerator – quantity per pack	1
Numerator – packs per outer box	40
SAP material	927929583057
SAP net weight (piece)	127.400 g
ILCOS code	FDH-80/30/1B-L/P-G5-16/1450

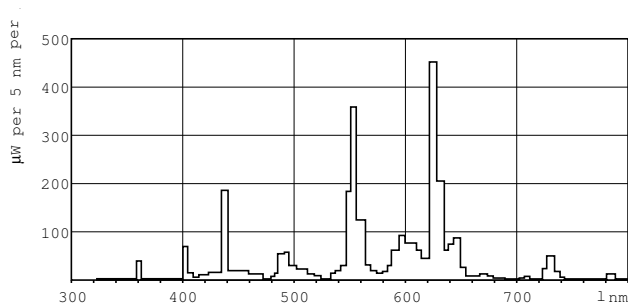
## Dimensional drawing



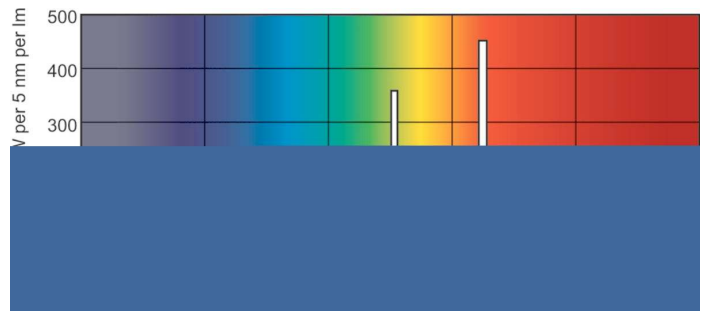
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO 80W/830 SLV/40	17 mm	1449.0 mm	1456.1 mm	1453.7 mm	1463.2 mm

## MASTER TL5 HO 80W/830 SLV/40

## Photometric data



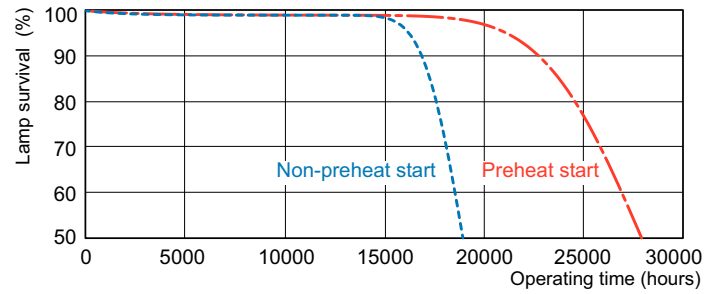
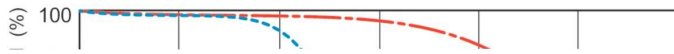
## LDPB\_TL5-HO8\_830-Spectral power distribution B/W



## Lightcolour /830

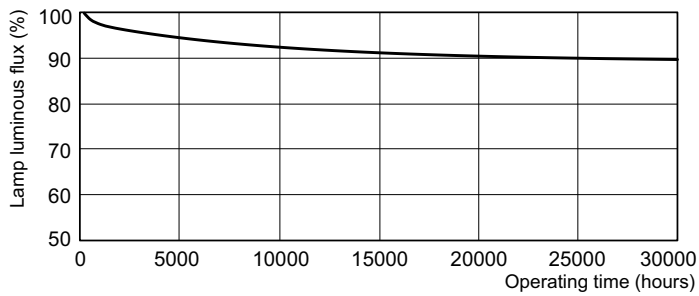
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## Lifetime



LDLE\_TL5-HO8\_0001-Life expectancy diagram

LDLE\_TL5-HO8\_0002-Life expectancy diagram



LDLM\_TL5-HO8\_0001-Lumen maintenance diagram

