



# MASTER TL5 High Output

## MASTER TL5 HO 80W/840 1SL/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.)	30000 h	LLMF 6000 h Rated	94 %		
Features	HO Alto® [ High Output Alto]	LLMF 8000 h Rated	93 %		
System description	High Output (HO)	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 %				
LSF Preheat 8000 h Rated	99 %				
LSF Preheat 16000 h Rated	97 %				
LSF Preheat 20000 h Rated	84 %				
Light Technical		Operating and Electrical			
Colour Code	840 [ CCT of 4,000 K]	Power (Rated) (Nom)	79.8 W		
Lamp Luminous Flux 25°C EL (Nom)	7000 lm	Lamp current (nom.)	0.530 A		
Lamp Luminous Flux (Nom)	6550 lm				
Colour Designation	Cool White (CW)	Temperature			
Luminous efficacy (@ max. lumen, rated) (nom.)	88 lm/W	Design temperature (nom.)	35 °C		
Colour Temperature, horizontal (Nom)	4000 K				
Lamp Luminous Efficacy EM (Nom)	82 lm/W	Controls and Dimming			
Colour Rendering Index,horiz (Max)	85	Dimmable	yes		
Colour Rendering Index,horiz (Min)	80				
Colour Rendering Index,horiz (Nom)	82	Mechanical and Housing			
		Cap base information	Green Plate		
		Approval and Application			
		Energy efficiency label (EEL)	A		

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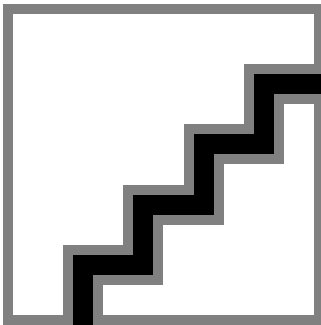
Mercury (Hg) content (nom.)	1.4 mg
Energy Consumption kWh/1000 h	88 kWh
<b>Product Data</b>	
Full product code	871150071045155
Order product name	MASTER TL5 HO 80W/840 SLV/40
EAN/UPC – product	8711500710451
Order code	71045155

Numerator – quantity per pack	1
Numerator – packs per outer box	40
Material no. (12NC)	927929584057
Net weight (piece)	128.700 g
ILCOS Code	FDH-80/40/1B-L/P-G5-16/1450

## 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.

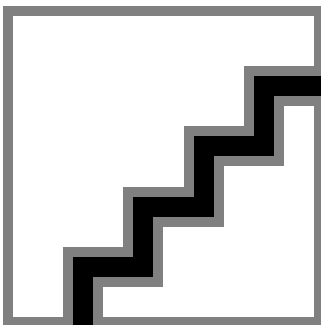
## Dimensional drawing



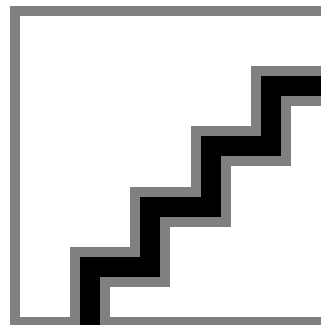
TL5 HO 80W/840

Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO 80W/840 SLV/40	17 mm	1449.0 mm	1456.1 mm	1453.7 mm	1463.2 mm

## Photometric data



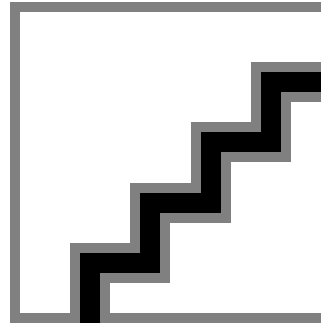
Lightcolour /840



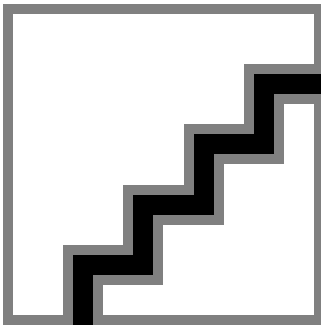
Lightcolour /840

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## Lifetime



LDLE\_TL5-HO8\_0002-Life expectancy diagram



LDLM\_TL5-HO8\_0001-Lumen maintenance diagram

