



# 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	
Cap base	G5 [ G5]
Life to 50% failures preheat (nom.)	30000 h
Features	HO Alto® [ High Output Alto]
System description	High Output (HO)
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]
Lamp Luminous Flux 25°C EL (Nom)	7000 lm
Lamp Luminous Flux (Nom)	6550 lm
Colour Designation	Cool White (CW)
Luminous efficacy (@ max. lumen, rated) (nom.)	88 lm/W
Colour Temperature, horizontal (Nom)	4000 K
Lamp Luminous Efficacy EM (Nom)	82 lm/W
Colour Rendering Index, horiz (Max)	85
Colour Rendering Index, horiz (Min)	80
Colour Rendering Index, horiz (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)	79.8 W
Lamp current (nom.)	0.530 A

Temperature	
Design temperature (nom.)	35 °C

Controls and Dimming	
Dimmable	yes

Mechanical and Housing	
Cap base information	Green Plate

Approval and Application	
Energy efficiency label (EEL)	A

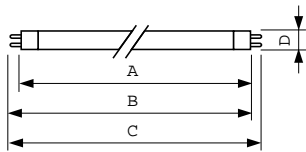
# MASTER TL5 High Output

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

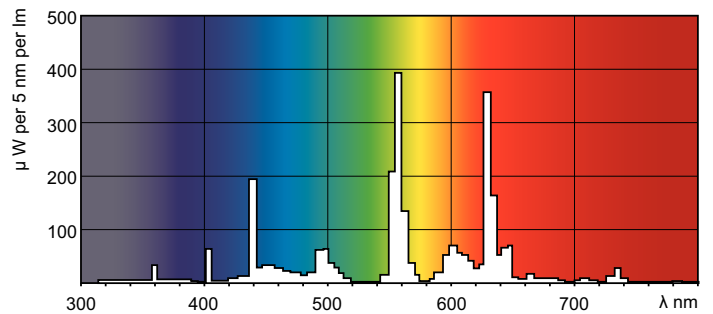
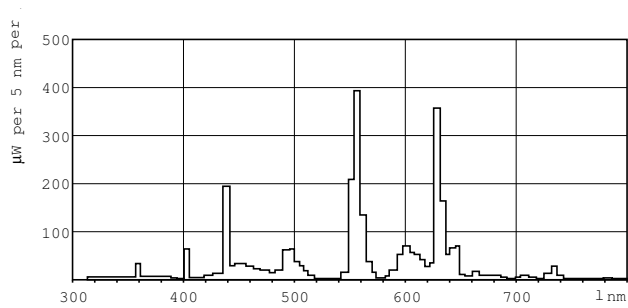
## Dimensional drawing



**Product**  
MASTER TL5 HO 80W/840 SLV/40

## TL5 HO 80W/840

## Photometric data



## Lightcolour /840

## Lightcolour /840

# MASTER TL5 High Output

## Lifetime



LDLE\_TL5-HO8\_0001-Life expectancy diagram

LDLE\_TL5-HO8\_0002-Life expectancy diagram



LDLM\_TL5-HO8\_0001-Lumen maintenance diagram

