



# MASTER TL5 High Efficiency

## MASTER TL5 HE 35W/865 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.)	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 %				
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	865 [ CCT of 6,500 K]	Power (Rated) (Nom)	35.5 W		
Lamp Luminous Flux 25°C EL (Nom)	3400 lm	Lamp current (nom.)	0.175 A		
Lamp Luminous Flux (Nom)	3100 lm				
Colour Designation	Cool Daylight	Temperature			
Luminous efficacy (@ max. lumen, rated) (nom.)	98 lm/W	Design temperature (nom.)	35 °C		
Colour Temperature, horizontal (Nom)	6500 K				
Lamp Luminous Efficacy EM (Nom)	97 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+		

# MASTER TL5 High Efficiency

Mercury (Hg) content (nom.)	1.4 mg
Energy Consumption kWh/1000 h	38 kWh
<b>Product Data</b>	
Full product code	871150071018555
Order product name	MASTER TL5 HE 35W/865 SLV/40
EAN/UPC – product	8711500710185
Order code	71018555

Numerator – quantity per pack	1
Numerator – packs per outer box	40
Material no. (12NC)	927927086555
Net weight (piece)	127.400 g
ILCOS Code	FDH-35/65/1B-L/P-G5-16/1450

## Warnings and Safety

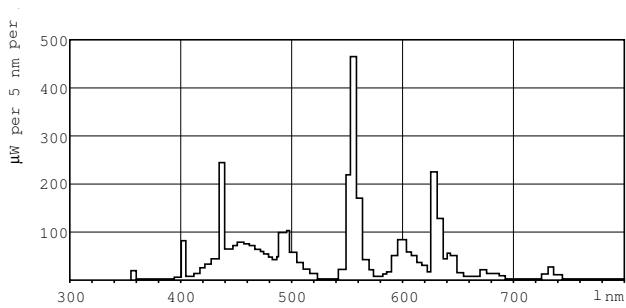
## Dimensional drawing



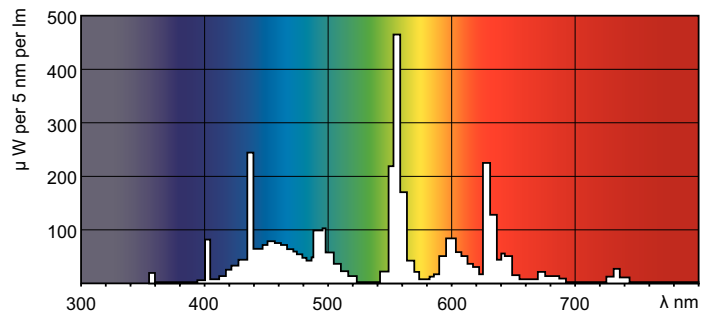
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE 35W/865 SLV/40	17 mm	1449.0 mm	1456.1 mm	1453.7 mm	1463.2 mm

## TL5 35W/865/GP HE

## Photometric data



## Lightcolour /865



## Lightcolour /865

# MASTER TL5 High Efficiency

## Lifetime



LDLE\_TL5-HE8\_0001-Life expectancy diagram

LDLE\_TL5-HE8\_0002-Life expectancy diagram



LDLM\_TL5-HE8\_0001-Lumen maintenance diagram

