#### Datasheet, 2022, August 7

# MASTER TL5 HE 35W/865 1SL/40

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

**MASTER TL5 High** 

## Warnings and Safety

Lighting

Efficiency

• 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]		
Life to 50% Failures Preheat (Nom)	24000 h		
Features	na [ Not Applicable]		
System Description	High Efficiency		
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 %		
Flux measurement reference	Sphere		
Light technical			
Colour Code	865 [ CCT of 6500K]		
Luminous Flux (Nom)	3100 lm		
Luminous Flux (Rated) (Nom)	3100 lm		
Colour Designation	Cool Daylight		
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	97 lm/W		

Chromaticity Coordinate X (Nom)	0.313
Chromaticity Coordinate Y (Nom)	0.337
Colour Temperature, horizontal (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	87 lm/W
Colour Rendering Index horiz (Max)	85
Colour Rendering Index horiz (Min)	80
Colour Rendering Index horiz (Nom)	82
Depreciation 2000 hrs	96 %
LLMF 4000 h Rated	95 %
Depreciation 5000 hrs	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)	34.9 W
Lamp Current (Nom)	0.175 A

data subject to change







# **MASTER TL5 High Efficiency**

Temperature			
Design Temperature (Nom)	35 °C		
Controls and dimming			
Dimmable	Yes		
Mechanical and housing			
Cap-Base Information	Green Plate		
Bulb Shape	T5 [ 16 mm (T5)]		
Approval and application			
Energy Efficiency Class	G		
Mercury (Hg) Content (Nom)	1.2 mg		
Energy Consumption kWh/1000 h	35 kWh		

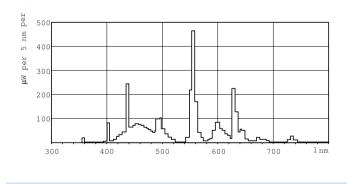
EPREL Registration Number	423544		
Product data			
ll product code 871150071018555			
Order product name	MASTER TL5 HE 35W/865 SLV/40		
EAN/UPC - Product	8711500710185		
Order code	71018555		
Numerator - Quantity Per Pack	1		
Numerator - Packs per outer box	40		
Material Nr. (12NC)	927927086555		
Net Weight (Piece)	127.400 g		
ILCOS Code	FDH-35/65/1B-L/P-G5-16/1450		

#### Dimensional drawing

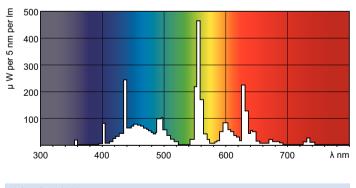
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE	17 mm	1449.0 mm	1456.1 mm	1453.7 mm	1463.2 mm
35W/865 SLV/40					

#### MASTER TL5 HE 35W/865 SLV/40

#### Photometric data



Lightcolour /865

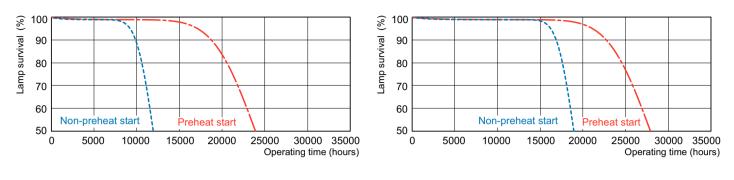


Lightcolour /865

# **MASTER TL5 High Efficiency**

LDLE\_TL5-HE8\_0001-Life expectancy diagram

#### Lifetime





LDLE\_TL5-HE8\_0002-Life expectancy diagram

LDLM\_TL5-HE8\_0001-Lumen maintenance diagram



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