



MASTER TL5 High Efficiency

MASTER TL5 HE 21W/865 SLV/40

This TL5 lamp (tube diameter 16 mm) has a high luminous efficacy, resulting in low energy consumption. The High Efficiency TL5 lamp offers excellent lumen maintenance and good color rendering. Application areas are offices, industry, public and governmental buildings, schools, hospitals and indoor sports lighting.

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 %		
Light Technical			
Color Code	865 [CCT of 6500K]		
Luminous Flux (Nom)	1950 lm		
Luminous Flux (Rated) (Nom)	1725 lm		
Color Designation	Cool Daylight		
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	94 lm/W		
Correlated Color Temperature (Nom)	6500 K		
Luminous Efficacy (rated) (Nom)	84 lm/W		

Color Rendering Index (Max)	85		
Color Rendering Index (Min)	80		
Color Rendering Index (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 (Nom)	20.6 W		
Lamp Current (Nom)	0.165 A		
Temperature			
Design Temperature (Nom)	35 ℃		

Datasheet, 2020, March 19 data subject to change

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Controls and Dimming			
Dimmable	Yes		
Mechanical and Housing			
Cap-Base Information	Green Plate		
Approval and Application			
Energy Efficiency Label (EEL)	A+		
Mercury (Hg) Content (Nom)	1.4 mg		
Energy Consumption kWh/1000 h	23 kWh		
Product Data			
Full product code	871150071011655		

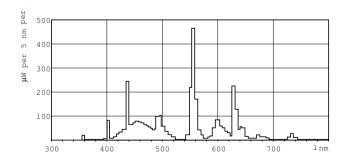
Order product name	MASTER TL5 HE 21W/865 SLV/40
EAN/UPC - Product	8711500710116
Order code	927926286555
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	927926286555
Net Weight (Piece)	79.200 g
ILCOS Code	FDH-21/65/1B-L/P-G5-16/850

Dimensional drawing

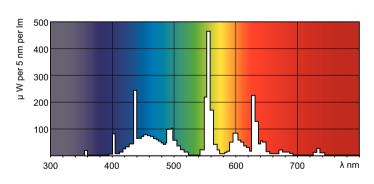
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE 21W/865	17 mm	849.0 mm	856.1 mm	853.7 mm	863.2 mm
SLV/40					

TL5 21W/865/GP HE

Photometric data



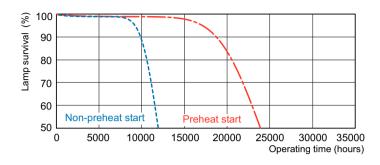
LDPB_TL5-HE8_865-Spectral power distribution B/W

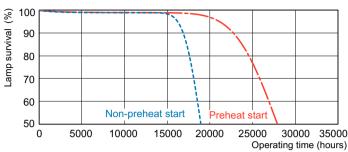


LDPO_TL5-HE8_865-Spectral power distribution Colour

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



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