

Lighting

PHILIPS

MASTER TL5 High Efficiency

MASTER TL5 HE 35W/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)	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				
Colour Code	840 [CCT of 4000K]			
Luminous Flux (Nom)	3650 lm			
Luminous Flux (Rated) (Nom)	3325 lm			
Colour Designation	Cool White (CW)			
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	105 lm/W			
Colour Temperature, horizontal (Nom)	4000 K			
Luminous Efficacy (rated) (Nom)	104 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)	35.5 W
Lamp Current (Nom)	0.175 A
Temperature	
Design Temperature (Nom)	35 ℃
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Cap-Base Information	Green Plate
Approval and Application	
Energy Efficiency Label	A+

MASTER TL5 High Efficiency

Mercury (Hg) Content (Nom)	1.4 mg
Energy Consumption kWh/1000 h	38 kWh
Product Data	
Full product code	871150063952355
Order product name	MASTER TL5 HE 35W/840 SLV/40
EAN/UPC - Product	8711500639523
Order code	63952355

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	927927084055
Net Weight (Piece)	127.400 g
ILCOS Code	FDH-35/40/1B-L/P-G5-16/1450

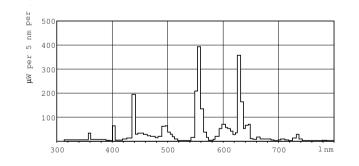
Warnings and Safety

Dimensional drawing

Product	D (max)	A (max)	B (max)	B (min)	C (max)	
MASTER TL5 HE	17 mm	1449.0 mm	1456.1 mm	1453.7 mm	1463.2 mm	
35W/840 SLV/40						
	17 mm	1449.0 mm	1456.1 mm	1453.7 mm	1463.2 mm	I

TL5 HE 35W/840/GP

Photometric data



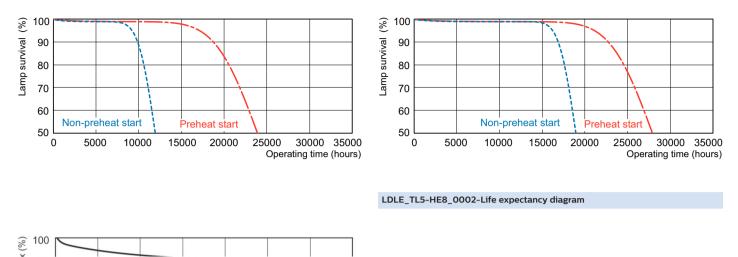
Lightcolour /840

per Im	500			
per 5 nm per lm	400		-	
V per	300			

Lightcolour /840

MASTER TL5 High Efficiency

Lifetime





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