



MASTER TL5 High Output 90 De Luxe



MASTER TL5 HO 90 De Luxe 24W/965 1SL/20

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

Warnings and Safety

- 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.

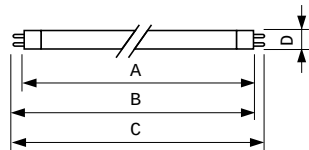
Product data

General Information			
Cap base	G5 [G5]	Chromaticity coordinate X (nom.)	0.313
Life to 50% failures preheat (nom.)	30000 h	Chromaticity coordinate Y (nom.)	0.337
Features	HO Alto® [High Output Alto]	Correlated Colour Temperature (Nom)	6500 K
LSF preheat 2,000 hours rated	99 %	Luminous efficacy (rated) (nom.)	68 lm/W
LSF preheat 4,000 hours rated	99 %	Colour rendering index (nom.)	92
LSF preheat 6,000 hours rated	99 %	LLMF 2000 h Rated	96 %
LSF preheat 8,000 hours rated	99 %	LLMF 4000 h Rated	95 %
LSF preheat 16,000 hours rated	97 %	LLMF 6000 h Rated	94 %
LSF preheat 20,000 hours rated	84 %	LLMF 8000 h Rated	93 %
	Sphere	LLMF 12000 h Rated	92 %
		LLMF 16000 h Rated	91 %
		LLMF 20000 h Rated	90 %
Light Technical		Operating and Electrical	
Colour Code	965 [CCT of 6,500 K]	Power (Rated) (Nom)	22.8 W
Luminous flux (nom.)	1525 lm	Lamp current (nom.)	0.295 A
Luminous flux (rated) (nom.)	1525 lm		
Colour designation	Cool Daylight		
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	78 lm/W		

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Temperature	
Design temperature (nom.)	35 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb shape	T5 [16 mm (T5)]
Approval and Application	
Energy Efficiency Class	G
Mercury (Hg) content (max.)	1.4 mg
Mercury (Hg) content (nom.)	1.4 mg
Energy consumption kWh/1,000 hours	23 kWh
	423481

Dimensional drawing



TL5 HO 24W/965

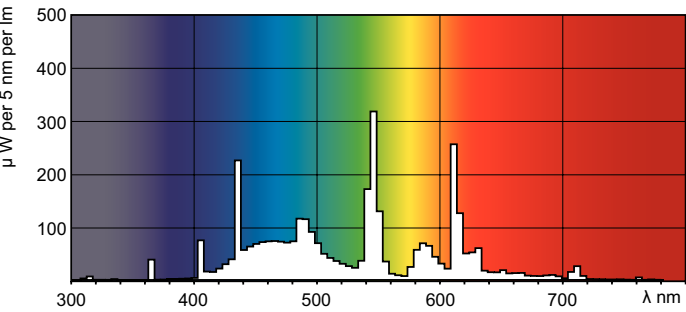
Photometric data

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Lightcolour TL5 /965

Product Data	
Full product code	871150026130400
Order product name	MASTER TL5 HO 90 De Luxe 24W/965 1SL20
EAN/UPC – product	8711500261304
Order code	26130400
Local order code	24965
SAP numerator – quantity per pack	1
Numerator – packs per outer box	20
SAP material	927992096524
SAP net weight (piece)	52.000 g
ILCOS code	FDH-24/65/1A-L/P-G5-16/550

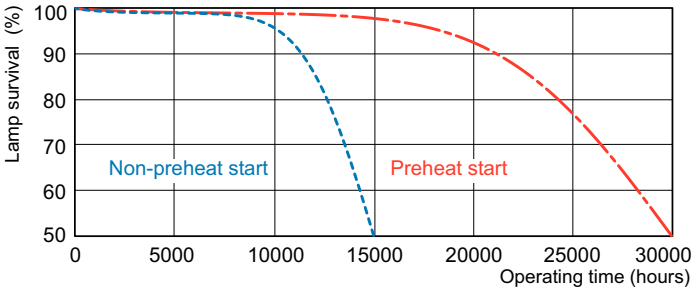
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO 90 De Luxe 24W/965 1SL20	17 mm	549.0 mm	556.1 mm	553.7 mm	563.2 mm



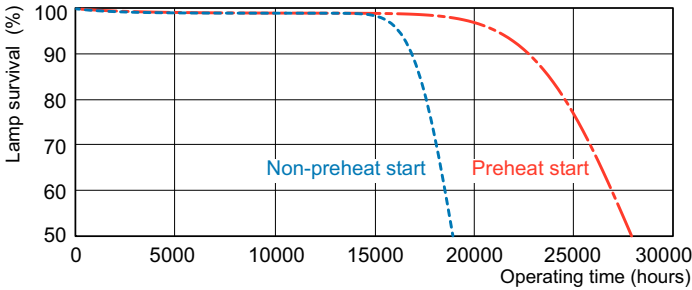
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Lifetime



LDLE_TL5-HO9_0001-Life expectancy diagram



LDLE_TL5-HO9_0002-Life expectancy diagram



LDLM_TL5-HO9_0001-Lumen maintenance diagram

