

# 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

### Product data

General Information	
Cap base	G5 [ G5]
Life to 50% failures preheat (nom.)	30000 h
Features	HO Alto® [ High Output Alto]
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	965 [ CCT of 6,500 K]
Luminous flux (nom.)	1750 lm
Luminous flux (rated) (nom.)	1525 lm
Colour designation	Cool Daylight
Luminous efficacy (@ max. lumen, rated) (nom.)	78 lm/W
Chromaticity coordinate X (nom.)	313
Chromaticity coordinate Y (nom.)	337
Correlated colour temperature (nom.)	6800 K
Luminous efficacy (rated) (nom.)	68 lm/W
Color rendering index (nom.)	93
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 (Rated) (Nom)	22.5 W
Lamp current (nom.)	0.295 A

### Temperature

Design temperature (nom.)	35 °C
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### Controls and Dimming

Dimmable	yes
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### Approval and Application

Energy efficiency label (EEL)	A
Mercury (Hg) content (nom.)	1.4 mg
Energy Consumption kWh/1000 h	25 kWh

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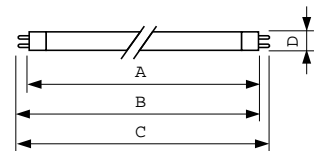
Product Data	
Full product code	871150026130400
Order product name	MASTER TL5 HO 90 De Luxe 24W/965 1SL20
EAN/UPC – product	8711500261304
Order code	26130400
Local Code	24965

Numerator – quantity per pack	1
Numerator – packs per outer box	20
Material no. (12NC)	927992096524
Net weight (piece)	52.000 g
ILCOS Code	FDH-24/65/1A-L/P-G5-16/550

## 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.

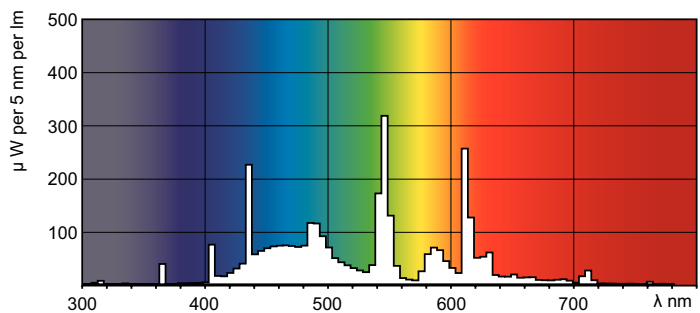
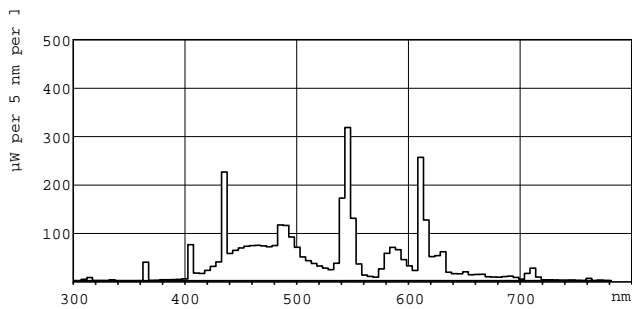
## Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO 90 De Luxe 24W/965 ISL20	17 mm	549.0 mm	556.1 mm	553.7 mm	563.2 mm

## TL5 HO 24W/965

## Photometric data



## Lightcolour TL5 /965

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## Lifetime

