

MASTER TL5 High Output 90 De Luxe

MASTER TL5 HO 90 De Luxe 54W/965 1SL20

This TL5 High Output lamp (tube diameter 16 mm) has excellent color rendering (CRI > 90). This means that colors are presented in a natural way, making them appear rich, deep and enhanced as they do in daylight. Application areas are places where color rendering is key, e.g. the printing industry, libraries, museums, hospitals and shops (jewelry, flowers, clothing, textile, leather, carpets).

Product data

• General Information

Cap-Base	G5 [G5]
Life To 50% Failures	30000 h
Preheat (Nom)	
Features	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

Color Code	965 [CCT of 6500K]
Luminous Flux (Nom)	4300 lm
Luminous Flux (Rated) (Nom)	3825 lm
Color Designation	Cool Daylight
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	80 lm/W
Chromaticity Coordinate X (Nom)	313
Chromaticity Coordinate Y (Nom)	337
Correlated Color Temperature (Nom)	6800 K
Luminous Efficacy (rated) (Nom)	71 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)	54.1 W
Lamp Current (Nom)	0.455 A

• Temperature

Design Temperature (Nom)	35 °C

• Controls and Dimming

Dimmable	Yes

• Approval and Application

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	1.4 mg
Energy Consumption kWh/1000 h	59 kWh

• Product Data

Full product code	871150086983800

PHILIPS

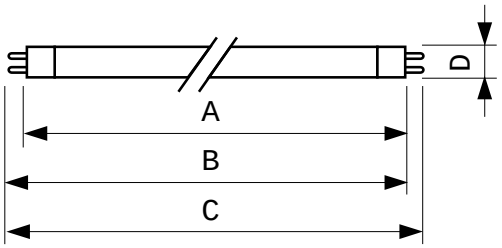
MASTER TL5 High Output 90 De Luxe

Order product name	MASTER TL5 HO 90 De Luxe 54W/965 1SL20
EAN/UPC - Product	8711500869838
Order code	927993096524
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material Nr. (12NC)	927993096524
Net Weight (Piece)	104.500 g
ILCOS Code	FDH-54/65/1A-L/P-G5-16/1150

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.

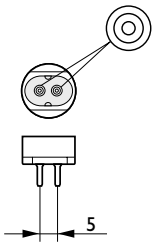
Dimensional drawing



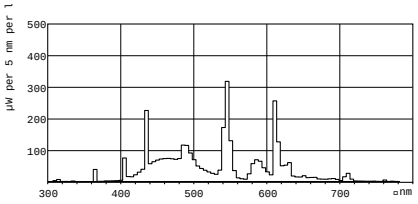
TL5 HO 54W/965

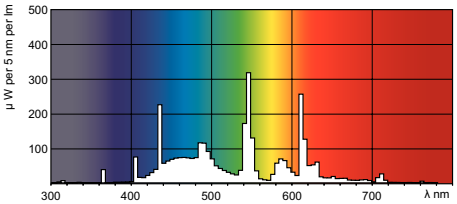
Product	D	A	B	B	C
MASTER TL5 HO 90 De Luxe 54W/965 1SL20	17 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm

G5, T5



Photometric data





© 2015 Philips Lighting Holding B.V.
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

www.philips.com/lighting

2015, December 28
data subject to change