# **PHILIPS** Lighting

# 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 <gt/> 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).

#### 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		Operating and Electrical			
Cap-Base	G5 [G5]	Power Consumption	54.6 W		
Features	HO Alto® [High Output Alto]	Lamp Current (Nom)	0.455 A		
Flux measurement reference	Sphere				
		Controls and Dimming			
Light Technical		Dimmable	Yes		
Color Code	965 [CCT of 6500K]				
Luminous Flux	3,825 lumen	Mechanical and Housing	Mechanical and Housing		
Color Designation	Cool Daylight	Bulb Shape	T5 [16 mm (T5)]		
Chromaticity Coordinate X (Nom)	0.313				
Chromaticity Coordinate Y (Nom)	0.337	Approval and Application			
Correlated Color Temperature (Nom)	6500 K	Mercury (Hg) Content (Nom)	1.2 mg		
Luminous Efficacy (rated) (Nom)	71 lm/W	Energy Consumption kWh/1000 h	55 kWh		
Color rendering index (CRI)	92	EPREL Registration Number	423,485		

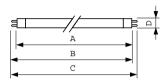
### MASTER TL5 High Output 90 De Luxe

Product Data	
Full product code	871150086983800
Order product name	MASTER TL5 HO 90 De Luxe 54W/965 1SL20
Order code	927993096524
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20

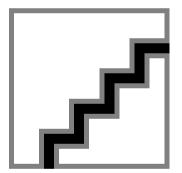
5 1SL20

#### **Dimensional drawing**

Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO 90 De Luxe	17 mm	1,149.0 mm	1,156.1 mm	1,153.7 mm	1,163.2 mm
54W/965 1SL20					

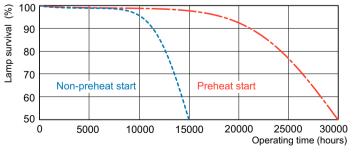


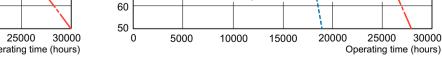
#### Photometric data



#### Spectral Power Distribution Colour - MASTER TL5 HO 90 De Luxe 54W/965 1SL20

Lifetime





100

80

70

Lamp survival (%) 90

Life Expectancy Diagram - MASTER TL5 HO 90 De Luxe 54W/965 1SL20

#### Life Expectancy Diagram - MASTER TL5 HO 90 De Luxe 54W/965 1SL20

Non-preheat start

Preheat start

25000

30000

## MASTER TL5 High Output 90 De Luxe

Lifetime



Lumen Maintenance Diagram - MASTER TL5 HO 90 De Luxe 54W/965 1SL20



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