PHILIPS

MASTER TL-D 90 De Luxe

TLD9P



Seeing colors in a natural way

This TL-D lamp makes colors appear rich, deep and enhanced in a natural way. Thus very suitable for applications where a high color recognition is needed: first aid and treatment rooms in hospitals, printing rooms, jewelry, dentists, hairdressing, museums and shops

Benefits

- Very good color rendering, making products appear more attractive and colors appear rich, deep and enhanced as they do in daylight
- Enabling customer to switch to improved color rendering properties with (almost) no decrease of light level
- Enabling customers (in certain segments) to respect the new European standard for lighting of indoor workplaces (CEN 12464-1), without investing in new luminaires
- Retrofit in current luminaires for standard TL-D lamps
- Available in various color designations
- 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.

Applications

- Used in applications where good color rendering is crucial, such as shops (flower, fashion, department, etc.), hairdresser, museums, hospitals, etc.

Features

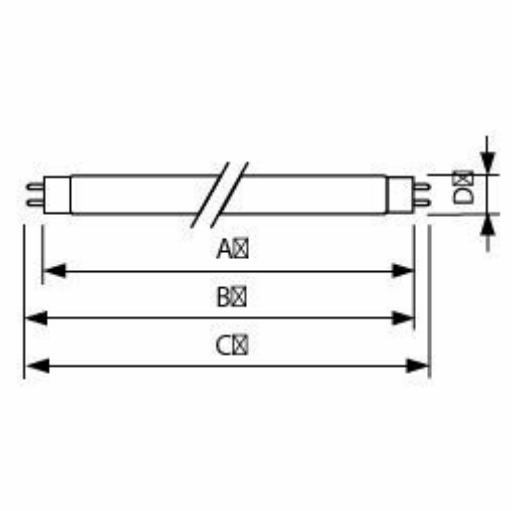
- High-quality fluorescent coating for improved color rendering
- Use of three-band phosphors for high efficacy

Versions



LPPR TL-D9HLm G13

Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D 90 De Luxe 18W/965 SLV/10	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm

General Information

Cap-Base	G13 [Medium Bi-Pin Fluorescent]

Light Technical

Luminous Flux	1,150 lm
Color Designation	Cool Daylight
Chromaticity Coordinate X (Nom)	0.313
Chromaticity Coordinate Y (Nom)	0.337
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	62.5 lm/W
Color rendering index (CRI)	93

Operating and Electrical

Power Consumption	18.4 W
Lamp Current (Nom)	0.360 A

Controls and Dimming

Dimmable	Yes

Mechanical and Housing

Bulb Shape	T8

Approval and Application

Mercury (Hg) Content (Nom)	1.7 mg
Energy Consumption kWh/1000 h	19 kWh

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