



Seeing colors as they are

MASTER TL-D 90 Graphica

This TL-D lamp has excellent color rendering which makes it very suitable for the graphical and printing industry to check the quality of printed material.

Benefits

- Making representation of colors extremely realistic
- Consistent with the strict standards for the graphical industry defined in standard EN-12464
- Enabling customer to switch to excellent color rendering properties with low decrease of light level

Features

- High-quality fluorescent coating for excellent color rendering and very accurate color point
- Use of mix of three-band phosphors and halophosphates for high efficacy
- Retrofit in current luminaires for standard TL-D lamps

Application

- Used in applications where excellent color rendering is crucial, such as the graphical industry, printing industry, photo shops, hospitals, etc.

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.

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Dimensional drawing

Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D 90 Graphica 18W/952 SLV/10	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm
MASTER TL-D 90 Graphica 18W/965 SLV/10	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm
MASTER TL-D 90 Graphica 36W/952 SLV/10	28 mm	1,199.4 mm	1,206.5 mm	1,204.1 mm	1,213.6 mm
MASTER TL-D 90 Graphica 36W/965 SLV/10	28 mm	1,199.4 mm	1,206.5 mm	1,204.1 mm	1,213.6 mm
MASTER TL-D 90 Graphica 58W/952 SLV/10	28 mm	1,500.0 mm	1,507.1 mm	1,504.7 mm	1,514.2 mm
MASTER TL-D 90 Graphica 58W/965 SLV/10	28 mm	1,500.0 mm	1,507.1 mm	1,504.7 mm	1,514.2 mm

General Information	
Cap-Base	G13
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	T8
Approval and Application	
Mercury (Hg) Content (Nom)	1.7 mg

Light Technical

Order Code	Full Product Name	Chromaticity	Chromaticity	Color Designation	Correlated Color	Luminous Efficacy (rated)
		Coordinate X (Nom)	Coordinate Y (Nom)		Temperature (Nom)	(Nom)
928043795081	MASTER TL-D 90 Graphica 18W/952 SLV/10	0.34	0.351	Daylight	5200 K	52.2 lm/W
928043796581	MASTER TL-D 90 Graphica 18W/965 SLV/10	0.313	0.337	Cool Daylight	6500 K	51.6 lm/W
928044795081	MASTER TL-D 90 Graphica 36W/952 SLV/10	0.34	0.351	Daylight	5200 K	62.5 lm/W
928044796581	MASTER TL-D 90 Graphica 36W/965 SLV/10	0.313	0.337	Cool Daylight	6500 K	57.1 lm/W
928045295081	MASTER TL-D 90 Graphica 58W/952 SLV/10	0.34	0.351	Daylight	5200 K	61.1 lm/W
928045296581	MASTER TL-D 90 Graphica 58W/965 SLV/10	0.313	0.337	Cool Daylight	6500 K	60.8 lm/W

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Order Code	Full Product Name	Lamp Current (Nom)
928043795081	MASTER TL-D 90 Graphica 18W/952 SLV/10	0.360 A	928044796581	MASTER TL-D 90 Graphica 36W/965 SLV/10	0.440 A
928043796581	MASTER TL-D 90 Graphica 18W/965 SLV/10	0.360 A	928045295081	MASTER TL-D 90 Graphica 58W/952 SLV/10	0.670 A
928044795081	MASTER TL-D 90 Graphica 36W/952 SLV/10	0.440 A	928045296581	MASTER TL-D 90 Graphica 58W/965 SLV/10	0.670 A

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Order Code	Full Product Name	Energy Consumption kWh/1000 h
928043795081	MASTER TL-D 90 Graphica 18W/952 SLV/10	19 kWh	928043796581	MASTER TL-D 90 Graphica 18W/965 SLV/10	19 kWh

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Order Code	Full Product Name	Energy Consumption kWh/1000 h
928044795081	MASTER TL-D 90 Graphica 36W/952 SLV/10	37 kWh
928044796581	MASTER TL-D 90 Graphica 36W/965 SLV/10	37 kWh

Order Code	Full Product Name	Energy Consumption kWh/1000 h
928045295081	MASTER TL-D 90 Graphica 58W/952 SLV/10	60 kWh
928045296581	MASTER TL-D 90 Graphica 58W/965 SLV/10	60 kWh

