



Product Description

MASTER TL-D 90 De Luxe

Low-pressure mercury discharge lamps with a tubular 26 mm envelope

Benefits

- Very good colour rendering. Making colours appear rich, deep and enhanced as they do in daylight, making products appear more attractive
- 25% more light than competition
- Enabling customer to switch to 900-colours 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
- Attractive 10 pcs./box packaging configuration
- Direct retrofit for all Standard and Super 80 TL-D lamps operating on conventional or HF gear
- Possible to create atmospheres from warm white to cool daylight

Features

- High-quality fluorescent coating
- Available in various colour designations

Application

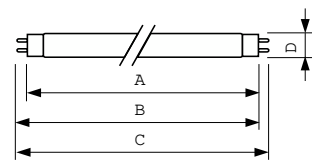
- Used in applications where good colour rendering is crucial, such as shops (flower, fashion, department, etc.), hairdresser, museums, hospitals, etc

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.

MASTER TL-D 90 De Luxe

Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D 90 De Luxe 18W/952 SLV/10	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm
MASTER TL-D 90 De Luxe 18W/965 SLV/10	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm
MASTER TL-D 90 De Luxe 36W/940 SLV/10	28 mm	1,199.4 mm	1,206.5 mm	1,204.1 mm	1,213.6 mm
MASTER TL-D 90 De Luxe 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 De Luxe 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 De Luxe 58W/940 SLV/10	28 mm	1,500.0 mm	1,507.1 mm	1,504.7 mm	1,514.2 mm
MASTER TL-D 90 De Luxe 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 De Luxe 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 Temperature (Nom)	Color	Luminous Efficacy (rated) (Nom)	Luminous Flux
		Coordinate X (Nom)	Coordinate Y (Nom)			rendering index (CRI)		
88843325	MASTER TL-D 90 De Luxe 18W/952 1SL/10	0.34	0.351	Daylight	5200 K	92	62.5 lm/W	1,150 lm
88846425	MASTER TL-D 90 De Luxe 18W/965 1SL/10	0.313	0.337	Cool Daylight	6500 K	93	62.5 lm/W	1,150 lm
88858725	MASTER TL-D 90 De Luxe 36W/940 1SL/10	0.38	0.38	Cool White (CW)	4000 K	91	78.8 lm/W	2,800 lm
88860025	MASTER TL-D 90 De Luxe 36W/952 1SL/10	0.34	0.351	Daylight	5200 K	92	77.4 lm/W	2,850 lm
88862425	MASTER TL-D 90 De Luxe 36W/965 1SL/10	0.313	0.337	Cool Daylight	6500 K	93	77.4 lm/W	2,850 lm
88869325	MASTER TL-D 90 De Luxe 58W/940 1SL/10	0.38	0.38	Cool White (CW)	4000 K	91	76.9 lm/W	4,600 lm
88871625	MASTER TL-D 90 De Luxe 58W/952 1SL/10	0.34	0.351	Daylight	5200 K	92	76.1 lm/W	4,550 lm

MASTER TL-D 90 De Luxe

Order Code	Full Product Name	Chromaticity	Chromaticity	Color Designation	Correlated Color Temperature (Nom)	Color	Luminous Efficacy (rated) (Nom)	Luminous Flux
		Coordinate X (Nom)	Coordinate Y (Nom)			rendering index (CRI)		
88873025	MASTER TL-D 90 De Luxe 58W/965 1SL/10	0.313	0.337	Cool Daylight	6500 K	93	76.1 lm/W	4,550 lm

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power Consumption
88843325	MASTER TL-D 90 De Luxe 18W/952 1SL/10	0.360 A	18.4 W
88846425	MASTER TL-D 90 De Luxe 18W/965 1SL/10	0.360 A	18.4 W
88858725	MASTER TL-D 90 De Luxe 36W/940 1SL/10	0.440 A	36.0 W
88860025	MASTER TL-D 90 De Luxe 36W/952 1SL/10	0.440 A	36.8 W

Order Code	Full Product Name	Lamp Current (Nom)	Power Consumption
88862425	MASTER TL-D 90 De Luxe 36W/965 1SL/10	0.440 A	36.8 W
88869325	MASTER TL-D 90 De Luxe 58W/940 1SL/10	0.670 A	58.5 W
88871625	MASTER TL-D 90 De Luxe 58W/952 1SL/10	0.670 A	59.8 W
88873025	MASTER TL-D 90 De Luxe 58W/965 1SL/10	0.670 A	59.8 W

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/ 1000 h
88843325	MASTER TL-D 90 De Luxe 18W/952 1SL/10	19 kWh
88846425	MASTER TL-D 90 De Luxe 18W/965 1SL/10	19 kWh
88858725	MASTER TL-D 90 De Luxe 36W/940 1SL/10	43 kWh
88860025	MASTER TL-D 90 De Luxe 36W/952 1SL/10	37 kWh

Order Code	Full Product Name	Energy Consumption kWh/ 1000 h
88862425	MASTER TL-D 90 De Luxe 36W/965 1SL/10	37 kWh
88869325	MASTER TL-D 90 De Luxe 58W/940 1SL/10	68 kWh
88871625	MASTER TL-D 90 De Luxe 58W/952 1SL/10	60 kWh
88873025	MASTER TL-D 90 De Luxe 58W/965 1SL/10	60 kWh

