



Optimized for lower temperatures!

MASTER PL-L Polar 4 Pin

MASTER PL-L Polar is a medium to high-wattage linear compact fluorescent lamp, typically used for lower-temperature applications such as outdoor lighting and cold storage. The original Philips-invented bridge technology guarantees optimum performance in the lower-temperature applications. It is designed for operation on electromagnetic as well as electronic HF control gear and is provided with a plug-in/pull-out lamp base.

Benefits

- Optimal light performance for short or long operation per switch-on for lower temperature applications
- Long life and sustainable light output
- Multiple light color choice
- Good color rendering (CRI >80)
- Dimming possible down to 10%

Features

- 4-pin base
- Fluorescent tri-phosphor technology
- Low light depreciation over lamp life

Application

- Residential areas, parks and squares, under canopies in storage and transport areas
- Cold indoor areas (e.g. warehouses, food cold stores)
- Light output at low temperatures can be increased even further by applying a transparent heat cap around the top of the lamp

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Warnings and Safety

- Lamp light technical and electrical characteristics are influenced by operating conditions, i.e. lamp ambient temperature and operating position as well as applied control gear
- Shorter lamp life when often switching and not well pre-heated electrodes
- 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.

Versions



LPPR PLL4PLT 24W

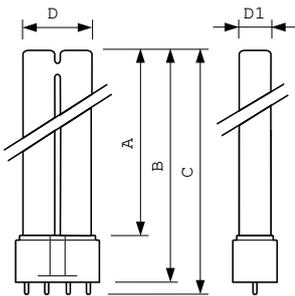


LPPR PLL4PLT 36W



LPPR PLL4PLT 55W

Dimensional drawing



Product	D (max)	D1 (max)	A (max)	B (max)	C (max)
MASTER PL-L Polar 24W/840/4P 1CT/25	39.0 mm	18.0 mm	290 mm	315 mm	321.6 mm
MASTER PL-L Polar 36W/840/4P 1CT/25	39.0 mm	18.0 mm	385 mm	410 mm	416.6 mm
MASTER PL-L Polar 55W/840/4P 1CT/25	39.0 mm	18.0 mm	510 mm	535 mm	541.6 mm

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General Information

Cap-Base 2G11

Light Technical

Chromaticity Coordinate X (Nom) 0.38
Chromaticity Coordinate Y (Nom) 0.38
Color Designation Cool White (CW)
Correlated Color Temperature (Nom) 4000 K
Color rendering index (CRI) 80

Controls and Dimming

Dimmable Yes

Approval and Application

Mercury (Hg) Content (Max) 2 mg
Mercury (Hg) Content (Nom) 2.0 mg

Light Technical

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux
927930584070	MASTER PL-L Polar 24W/840/4P 1CT/25	75 lm/W	1,800 lm
927931084070	MASTER PL-L Polar 36W/840/4P 1CT/25	81 lm/W	2,800 lm
927931584070	MASTER PL-L Polar 55W/840/4P 1CT/25	87 lm/W	4,650 lm

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power Consumption
927930584070	MASTER PL-L Polar 24W/840/4P 1CT/25	0.350 A	24.2 W
927931084070	MASTER PL-L Polar 36W/840/4P 1CT/25	0.445 A	36.3 W

Order Code	Full Product Name	Lamp Current (Nom)	Power Consumption
927931584070	MASTER PL-L Polar 55W/840/4P 1CT/25	0.550 A	55.3 W

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
927930584070	MASTER PL-L Polar 24W/840/4P 1CT/25	25 kWh
927931084070	MASTER PL-L Polar 36W/840/4P 1CT/25	37 kWh

Order Code	Full Product Name	Energy Consumption kWh/1000 h
927931584070	MASTER PL-L Polar 55W/840/4P 1CT/25	56 kWh

