



Optimized for lower temperatures and extra long life!

MASTER PL-L Xtra Polar 4 Pin

MASTER PL-L Xtra Polar is a medium to high-wattage linear compact fluorescent lamp, typically used for lower-temperature applications such as outdoor lighting and cold storage. MASTER PL-L Xtra Polar lamps furthermore provide significantly lower operating costs thanks to their lifetime, which is more than double that of a standard MASTER PL-L lamp, and their very low early failure rate. The original Philips-invented bridge technology guarantees optimum performance in the application, enabling more light and higher efficacy than the bended technology. It is designed for operation on electromagnetic as well as HF electronic gear and is provided with a plug-in/pull-out lamp base.

Benefits

- Less hassle and lower maintenance costs and facilitating the change from spot to group replacement
- Optimal light performance for short or long operation per switch-on for lower temperature applications
- Multiple light color choice
- Good color rendering (CRI >80)
- Dimming possible down to 30%

Features

- 4-pin base
- Fluorescent tri-phosphor technology
- Extra long lifetime and less early failures
- Low light depreciation over lamp life

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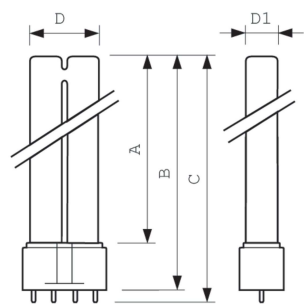
Application

- 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

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.

Dimensional drawing



Product	D (max)	D1 (max)	A (max)	B (max)	C (max)
MASTER PL-L XTRA POLAR 24W/830/4P 1CT/25	39.0 mm	18.0 mm	290 mm	315 mm	321.6 mm
MASTER PL-L XTRA POLAR 36W/830/4P 1CT/25	39.0 mm	18.0 mm	384.2 mm	410 mm	416.6 mm

General Information	
Cap-Base	2G11
Light Technical	
Chromaticity Coordinate X (Nom)	0.44
Chromaticity Coordinate Y (Nom)	0.403
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	3000 K
Color rendering index (CRI)	82
Controls and Dimming	
Dimmable	Yes
Approval and Application	
Mercury (Hg) Content (Max)	3 mg
Mercury (Hg) Content (Nom)	3.0 mg

Light Technical

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux
927907683015	MASTER PL-L XTRA POLAR 24W/830/4P 1CT/25	75 lm/W	1,800 lm
927907783015	MASTER PL-L XTRA POLAR 36W/830/4P 1CT/25	81 lm/W	2,800 lm

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power Consumption
927907683015	MASTER PL-L XTRA POLAR 24W/830/4P 1CT/25	0.345 A	24.3 W

MASTER PL-L Xtra Polar 4 Pin

Order Code	Full Product Name	Lamp Current (Nom)	Power Consumption
927907783015	MASTER PL-L XTRA POLAR 36W/830/4P 1CT/25	0.445 A	36.3 W

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/ 1000 h
927907683015	MASTER PL-L XTRA POLAR 24W/830/4P 1CT/25	25 kWh

Order Code	Full Product Name	Energy Consumption kWh/ 1000 h
927907783015	MASTER PL-L XTRA POLAR 36W/830/4P 1CT/25	37 kWh

