



MASTER PL-L Xtra Polar 4 Pin

MASTER PL-L XTRA POLAR 24W/830/4P 1CT/25

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.

Product data

General Information		Light Technical	
Cap-Base	2G11 [2G11]	LSF Preheat 8000 h Rated	99 %
Life To 10% Failures (Nom)	14000 h	LSF Preheat 16000 h Rated	97 %
Life to 50% Failures (Nom)	21000 h	LSF Preheat 20000 h Rated	94 %
Life to 50% Failures Preheat (Nom)	36000 h		
System Description	-	Color Code	830 [CCT of 3000K]
LSF 2000 h Rated	99 %	Luminous Flux (Nom)	1800 lm
LSF 4000 h Rated	99 %	Luminous Flux (Rated) (Nom)	1800 lm
LSF 6000 h Rated	98 %	Color Designation	Warm White (WW)
LSF 8000 h Rated	97 %	Correlated Color Temperature (Nom)	3000 K
LSF 12000 h Rated	95 %	Luminous Efficacy (rated) (Nom)	75 lm/W
LSF 16000 h Rated	88 %	Color Rendering Index (Nom)	>80
LSF 20000 h Rated	58 %	LLMF 2000 h Rated	94 %
LSF Preheat 2000 h Rated	99 %	LLMF 4000 h Rated	93 %
LSF Preheat 4000 h Rated	99 %	LLMF 6000 h Rated	92 %
LSF Preheat 6000 h Rated	99 %	LLMF 8000 h Rated	91 %

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LLMF 12000 h Rated	90 %
LLMF 16000 h Rated	89 %
LLMF 20000 h Rated	88 %
Operating and Electrical	
Power (Nom)	24.0 W
Lamp Current (Nom)	0.345 A
Temperature	
Design Temperature (Nom)	18 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Cap-Base Information	4 Pins

Approval and Application

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	3.0 mg
Energy Consumption kWh/1000 h	26 kWh

Product Data

Full product code	871150026772640
Order product name	MASTER PL-L XTRA POLAR 24W/830/4P 1CT/25
EAN/UPC - Product	8711500267726
Order code	927907683015
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	927907683015
Net Weight (Piece)	82.000 g
ILCOS Code	FSD-24/30/1B-E-2G11

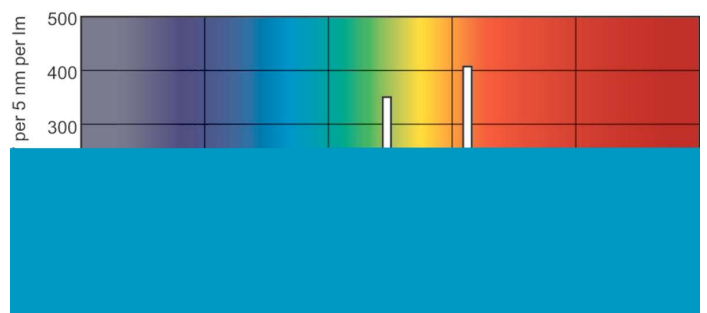
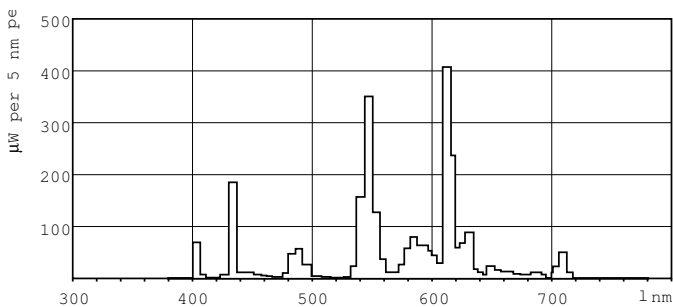
Warnings and Safety

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

PL-L Xtra 24W/830/4P LT

Photometric data



LDPB_PLL4PLTG_830-Spectral power distribution B/W

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