



Product Description

MASTER PL-L Polar 4 Pin

Energy-saving compact fluorescent lamps Compact long-arc low-pressure mercury discharge lamp Envelope consists of 2 parallel fluorescent tubes linked by a bridge 4-pin base without gear

Benefits

- Road and social safety are safeguarded even at freezing outdoor temperatures
- Lowest cost of ownership thanks to a service lifetime of over 16000 hours
- Environmental impact minimised by long lifetime and low hazardous materials content
- Dimming is possible

Features

- Bridge between tubes adapted to maximise light output at low ambient temperatures
- Optimum light output achieved in outdoor and cold storage applications
- Lumen maintenance of 90% and long service lifetime
- Lamp characteristics are influenced by operating conditions and control gear used

Application

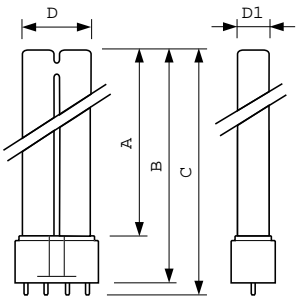
- Residential areas
- Parks and squares
- Under canopies in storage and transport areas
- Cold indoor areas (e.g. warehouses, food cold stores)

MASTER PL-L Polar 4 Pin

Versions



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 55W/ 840/4P 1CT/25	39.0 mm	18.0 mm	510 mm	535 mm	541.6 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 4 Pin

Approval and Application

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	2.0 mg

Controls and Dimming

Dimmable	yes
----------	-----

General Information

Cap-Base	2G11
Life To 50% Failures Preheat (Nom)	20000 h
LSF Preheat 16000 h Rated	82 %
LSF Preheat 20000 h Rated	50 %
LSF Preheat 2000 h Rated	99 %
LSF Preheat 4000 h Rated	99 %
LSF Preheat 6000 h Rated	98 %
LSF Preheat 8000 h Rated	97 %
Main Application	Low Temperature

Light Technical

Colour Code	840
Colour Designation	Cool White (CW)
Correlated Colour Temperature (Nom)	4000 K
Colour Rendering Index (Nom)	82
LLMF 16000 h Rated	90 %
LLMF 20000 h Rated	90 %

Temperature

Design Temperature (Nom)	18 °C
--------------------------	-------

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
26156440	MASTER PL-L POLAR 24W/840/4P 1CT/25	26 kWh
26160140	MASTER PL-L POLAR 36W/840/4P 1CT/25	40 kWh
26164940	MASTER PL-L POLAR 55W/840/4P 1CT/25	61 kWh

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
26156440	MASTER PL-L POLAR 24W/840/4P 1CT/25	0.350 A	24.0 W
26160140	MASTER PL-L POLAR 36W/840/4P 1CT/25	0.445 A	36.0 W

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
26164940	MASTER PL-L POLAR 55W/840/4P 1CT/25	0.550 A	55 W

General Information (1/2)

Order Code	Full Product Name	Life To 50%		Life To 10%	
		Failures (Nom)	Failures (Nom)	LSF 12000 h Rated	LSF 2000 h Rated
26156440	MASTER PL-L POLAR 24W/840/4P 1CT/25	10000 h	15000 h	80 %	99 %
26160140	MASTER PL-L POLAR 36W/840/4P 1CT/25	10000 h	15000 h	80 %	99 %

Order Code	Full Product Name	Life To 50%		Life To 10%	
		Failures (Nom)	Failures (Nom)	LSF 12000 h Rated	LSF 2000 h Rated
26164940	MASTER PL-L POLAR 55W/840/4P 1CT/25	-	-	-	-

General Information (2/2)

MASTER PL-L Polar 4 Pin

Order Code	Full Product Name	LSF 4000	LSF 6000	LSF 8000	System
		h Rated	h Rated	h Rated	Description
26156440	MASTER PL-L POLAR 24W/840/4P 1CT/25	98 %	96 %	94 %	na
26160140	MASTER PL-L POLAR 36W/840/4P 1CT/25	98 %	96 %	94 %	na

Order Code	Full Product Name	LSF 4000	LSF 6000	LSF 8000	System
		h Rated	h Rated	h Rated	Description
26164940	MASTER PL-L POLAR 55W/840/4P 1CT/25	-	-	-	High Frequency

Light Technical (1/2)

Order Code	Full Product Name	LLMF	LLMF	LLMF	LLMF
		12000 h Rated	2000 h Rated	4000 h Rated	6000 h Rated
26156440	MASTER PL-L POLAR 24W/840/4P 1CT/25	90 %	94 %	93 %	92 %
26160140	MASTER PL-L POLAR 36W/840/4P 1CT/25	90 %	94 %	93 %	92 %

Order Code	Full Product Name	LLMF	LLMF	LLMF	LLMF
		12000 h Rated	2000 h Rated	4000 h Rated	6000 h Rated
26164940	MASTER PL-L POLAR 55W/840/4P 1CT/25	91 %	95 %	94 %	93 %

Light Technical (2/2)

Order Code	Full Product Name	LLMF	Luminous	Luminous	Luminous
		8000 h Rated	Efficacy (rated) (Nom)	Luminous Flux (Nom)	Flux (Rated) (Nom)
26156440	MASTER PL-L POLAR 24W/ 840/4P 1CT/25	91 %	75 lm/W	1800 lm	1800 lm
26160140	MASTER PL-L POLAR 36W/ 840/4P 1CT/25	91 %	81 lm/W	2900 lm	2900 lm

Order Code	Full Product Name	LLMF	Luminous	Luminous	Luminous
		8000 h Rated	Efficacy (rated) (Nom)	Luminous Flux (Nom)	Flux (Rated) (Nom)
26164940	MASTER PL-L POLAR 55W/ 840/4P 1CT/25	92 %	87 lm/W	4800 lm	4800 lm

