



Product Description

MASTER PL-C 2 Pin

Energy-saving compact fluorescent lamps Compact long-arc low-pressure mercury discharge lamp Envelope consists of 4 parallel narrow fluorescent tubes

Benefits

- Optimal light performance for short or long operation per switch on
- Long life and sustainable light output

Features

- 2-pin base with a housing incorporating the special instant starter and capacitor
- Lamp characteristics are influenced by operating conditions and control gear used
- Dimming is not possible

Application

- Designed for general or supplementary lighting in professional or home environments
- Recessed or surface-mounted downlighters, wall units, table lamps and pendant lamps

Warnings and Safety

- Use only with electromagnetic control gear
- Lamp light technical and electrical characteristics are influenced by operating conditions, i.e. lamp ambient temperature and operating position
- Dimming is not possible
- 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.

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Versions



Approval and Application

Mercury (Hg) Content (Max)	1.4 mg
Mercury (Hg) Content (Nom)	1.4 mg

Controls and Dimming

Dimmable	No
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General Information

Life To 10% Failures (Nom)	6500 h
Life To 50% Failures (Nom)	10000 h
LSF 2000 h Rated	99 %
LSF 4000 h Rated	98 %
LSF 6000 h Rated	92 %
LSF 8000 h Rated	78 %

Light Technical

LLMF 2000 h Rated	92 %
LLMF 4000 h Rated	87 %
LLMF 6000 h Rated	83 %
LLMF 8000 h Rated	81 %

Temperature

Design Temperature (Nom)	28 °C
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Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
70681270	MASTER PL-C 10W/827/2P 1CT/5X10BOX	11 kWh
70724670	MASTER PL-C 10W/830/2P 1CT/5X10BOX	11 kWh
70498670	MASTER PL-C 10W/840/2P 1CT/5X10BOX	11 kWh
62081170	MASTER PL-C 13W/827/2P 1CT/5X10BOX	14 kWh
62084270	MASTER PL-C 13W/830/2P 1CT/5X10BOX	14 kWh
62086670	MASTER PL-C 13W/840/2P 1CT/5X10BOX	14 kWh
62091070	MASTER PL-C 18W/830/2P 1CT/5X10BOX	19 kWh
62093470	MASTER PL-C 18W/840/2P 1CT/5X10BOX	19 kWh
62095870	MASTER PL-C 26W/827/2P 1CT/5X10BOX	27 kWh
62098970	MASTER PL-C 26W/830 /2P 1CT/5X10BOX	27 kWh
62100970	MASTER PL-C 26W/840/2P 1CT/5X10BOX	27 kWh

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power (Nom)
70681270	MASTER PL-C 10W/827/2P 1CT/5X10BOX	0.190 A	10.4 W
70724670	MASTER PL-C 10W/830/2P 1CT/5X10BOX	0.190 A	10.4 W
70498670	MASTER PL-C 10W/840/2P 1CT/5X10BOX	0.190 A	10.4 W
62081170	MASTER PL-C 13W/827/2P 1CT/5X10BOX	0.170 A	13.8 W
62084270	MASTER PL-C 13W/830/2P 1CT/5X10BOX	0.170 A	13.8 W
62086670	MASTER PL-C 13W/840/2P 1CT/5X10BOX	0.170 A	13.8 W

Order Code	Full Product Name	Lamp Current (Nom)	Power (Nom)
62091070	MASTER PL-C 18W/830/2P 1CT/5X10BOX	0.230 A	18.3 W
62093470	MASTER PL-C 18W/840/2P 1CT/5X10BOX	0.230 A	18.3 W
62095870	MASTER PL-C 26W/827/2P 1CT/5X10BOX	0.335 A	26.5 W
62098970	MASTER PL-C 26W/830 /2P 1CT/5X10BOX	0.335 A	26.5 W
62100970	MASTER PL-C 26W/840/2P 1CT/5X10BOX	0.335 A	26.5 W

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General Information

Order Code	Full Product Name	Cap-Base
70681270	MASTER PL-C 10W/827/2P 1CT/5X10BOX	G24D-1
70724670	MASTER PL-C 10W/830/2P 1CT/5X10BOX	G24D-1
70498670	MASTER PL-C 10W/840/2P 1CT/5X10BOX	G24D-1
62081170	MASTER PL-C 13W/827/2P 1CT/5X10BOX	G24D-1
62084270	MASTER PL-C 13W/830/2P 1CT/5X10BOX	G24D-1
62086670	MASTER PL-C 13W/840/2P 1CT/5X10BOX	G24D-1

Order Code	Full Product Name	Cap-Base
62091070	MASTER PL-C 18W/830/2P 1CT/5X10BOX	G24D-2
62093470	MASTER PL-C 18W/840/2P 1CT/5X10BOX	G24D-2
62095870	MASTER PL-C 26W/827/2P 1CT/5X10BOX	G24D-3
62098970	MASTER PL-C 26W/830 /2P 1CT/5X10BOX	G24D-3
62100970	MASTER PL-C 26W/840/2P 1CT/5X10BOX	G24D-3

Light Technical (1/2)

Order Code	Full Product Name	Chromaticity		Colour	
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Designation
70681270	MASTER PL-C 10W/827/2P 1CT/5X10BOX	0.463	0.42	827	Incandescent White
70724670	MASTER PL-C 10W/830/2P 1CT/5X10BOX	0.44	0.403	830	Warm white (WW)
70498670	MASTER PL-C 10W/840/2P 1CT/5X10BOX	0.38	0.38	840	Cool White (CW)
62081170	MASTER PL-C 13W/827/2P 1CT/5X10BOX	0.463	0.42	827	Incandescent White
62084270	MASTER PL-C 13W/830/2P 1CT/5X10BOX	0.44	0.403	830	Warm white (WW)
62086670	MASTER PL-C 13W/840/2P 1CT/5X10BOX	0.38	0.38	840	Cool White (CW)

Order Code	Full Product Name	Chromaticity		Colour	
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Designation
62091070	MASTER PL-C 18W/830/2P 1CT/5X10BOX	0.44	0.403	830	Warm white (WW)
62093470	MASTER PL-C 18W/840/2P 1CT/5X10BOX	0.38	0.38	840	Cool White (CW)
62095870	MASTER PL-C 26W/827/2P 1CT/5X10BOX	0.463	0.42	827	Incandescent White
62098970	MASTER PL-C 26W/830 /2P 1CT/5X10BOX	0.44	0.403	830	Warm white (WW)
62100970	MASTER PL-C 26W/840/2P 1CT/5X10BOX	0.38	0.38	840	Cool White (CW)

Light Technical (2/2)

Order Code	Full Product Name	Correlated Colour Temperature	Colour Rendering Index	Luminous Efficacy (rated)	Luminous Flux	Luminous Flux (Rated)
		(Nom)	(Nom)	(Nom)	(Nom)	(Nom)
70681270	MASTER PL-C 10W/827/2P 1CT/5X10BOX	2700 K	82	60 lm/W	600 lm	600 lm
70724670	MASTER PL-C 10W/830/2P 1CT/5X10BOX	3000 K	82	60 lm/W	600 lm	600 lm
70498670	MASTER PL-C 10W/840/2P 1CT/5X10BOX	4000 K	80	60 lm/W	600 lm	600 lm

Order Code	Full Product Name	Correlated Colour Temperature	Colour Rendering Index	Luminous Efficacy (rated)	Luminous Flux	Luminous Flux (Rated)
		(Nom)	(Nom)	(Nom)	(Nom)	(Nom)
	1CT/5X10BOX					
62081170	MASTER PL-C 13W/827/2P 1CT/5X10BOX	2700 K	82	69 lm/W	925 lm	925 lm
62084270	MASTER PL-C 13W/830/2P 1CT/5X10BOX	3000 K	82	69 lm/W	925 lm	925 lm

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Order Code	Full Product Name	Correlated Colour Temperature (Nom)	Colour Rendering Index (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
62086670	MASTER PL-C 13W/840/2P 1CT/5X10BOX	4000 K	80	69 lm/W	925 lm	925 lm
62091070	MASTER PL-C 18W/830/2P 1CT/5X10BOX	3000 K	82	67 lm/W	1200 lm	1200 lm
62093470	MASTER PL-C 18W/840/2P 1CT/5X10BOX	4000 K	80	67 lm/W	1200 lm	1200 lm
62095870	MASTER PL-C 26W/	2700 K	81	68 lm/W	1800 lm	1800 lm

Order Code	Full Product Name	Correlated Colour Temperature (Nom)	Colour Rendering Index (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
	827/2P 1CT/5X10BOX					
62098970	MASTER PL-C 26W/830 /2P 1CT/5X10BOX	3000 K	81	68 lm/W	1800 lm	1800 lm
62100970	MASTER PL-C 26W/840/2P 1CT/5X10BOX	4000 K	80	68 lm/W	1800 lm	1800 lm

