



Product Description

MASTER PL-C 4 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

- 4-pin base without starter and capacitor
- Lamp characteristics are influenced by operating conditions and control gear used
- Dimming is 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

- Lamp light technical and electrical characteristics are influenced by operating conditions, i.e. lamp ambient temperature and operating position as well as applied HF 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.

PHILIPS

Related products



10W, G24q-1, 4P



13W, G24q-1, 4P

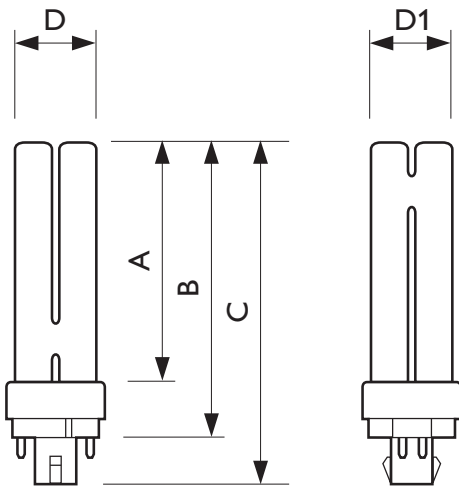


18W, G24q-2, 4P



26W, G24q-3, 4P

Dimensional drawing



MASTER PL-C 10W/830/4P 1CT

Product	A (Max)	B (Max)	C (Max)	D (Max)	D1 (Max)
PL-C 10W/830/4P	75.5	95.0	109.9	27.1	27.1
PL-C 13W/830/4P	97.5	117.0	131.9	27.1	27.1
PL-C 13W/840/4P	97.5	117.0	131.9	27.1	27.1
PL-C 18W/827/4P	109.5	128.0	142.9	27.1	27.1
PL-C 18W/830/4P	109.5	128.0	142.9	27.1	27.1
PL-C 18W/840/4P	109.5	128.0	142.9	27.1	27.1
PL-C 26W/827/4P	130.5	149.0	163.9	27.1	27.1
PL-C 26W/830/4P	130.5	149.0	163.9	27.1	27.1
PL-C 26W/840/4P	130.5	149.0	163.9	27.1	27.1

General Characteristics (1/2)

Order code	Full product name	Cap-Base	Life to 10% fail Preheat EL,3h	Life to 10% fail Nonpreh EL,3h	Life to 50% fail Preheat EL,3h	Life to 50% fail Nonpreh EL,3h	LSF HF Preheat 2000h Rated,3h	LSF HF Preheat 4000h Rated,3h	LSF HF Preheat 6000h Rated,3h	LSF HF Preheat 8000h Rated,3h	LSF HF Preheat 12000h Rated,3h
623294 70	MASTER PL-C 10W/830/4P 1CT	G24q-1	8000 hr	hr	13000 hr	hr	99 %	98 %	97 %	90 %	60 %
623317 70	MASTER PL-C 13W/830/4P 1CT	G24q-1	8000 hr	hr	13000 hr	hr	99 %	98 %	97 %	90 %	60 %
623324 70	MASTER PL-C 13W/840/4P 1CT	G24q-1	8000 hr	hr	13000 hr	hr	99 %	98 %	97 %	90 %	60 %

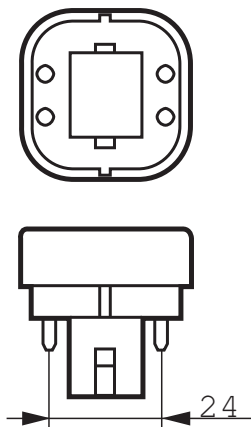
Order code	Full product name	Cap-Base	Life to 10% fail Preheat EL,3h	Life to 10% fail Nonpreh EL,3h	Life to 50% fail Preheat EL,3h	Life to 50% fail Nonpreh EL,3h	LSF HF Preheat 2000h Rated,3h	LSF HF Preheat 4000h Rated,3h	LSF HF Preheat 6000h Rated,3h	LSF HF Preheat 8000h Rated,3h	LSF HF Preheat 12000h Rated,3h
623270 70	MASTER PL-C 18W/827/4P 1CT	G24q-2	8000 hr	hr	13000 hr	hr	99 %	98 %	97 %	90 %	60 %
623331 70	MASTER PL-C 18W/830/4P 1CT	G24q-2	8000 hr	hr	13000 hr	hr	99 %	98 %	97 %	90 %	60 %
623348 70	MASTER PL-C 18W/840/4P 1CT	G24q-2	8000 hr	hr	13000 hr	hr	99 %	98 %	97 %	90 %	60 %
623287 70	MASTER PL-C 26W/827/4P 1CT	G24q-3	8000 hr	hr	13000 hr	hr	99 %	98 %	97 %	90 %	60 %
623355 70	MASTER PL-C 26W/830/4P 1CT	G24q-3	8000 hr	hr	13000 hr	hr	99 %	98 %	97 %	90 %	60 %
623362 70	MASTER PL-C 26W/840/4P 1CT	G24q-3	8000 hr	hr	13000 hr	hr	99 %	98 %	97 %	90 %	60 %

General Characteristics (2/2)

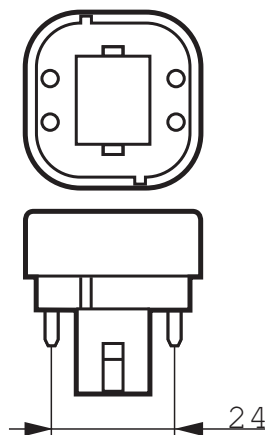
Order code	Full product name	LSF HF Preheat 16000h Rated, 3h	LSF HF Preheat 20000h Rated, 3h
623294 70	MASTER PL-C 10W/830/4P 1CT	%	%
623317 70	MASTER PL-C 13W/830/4P 1CT	%	%
623324 70	MASTER PL-C 13W/840/4P 1CT	%	%
623270 70	MASTER PL-C 18W/827/4P 1CT	%	%
623331 70	MASTER PL-C 18W/830/4P 1CT	%	%
623348 70	MASTER PL-C 18W/840/4P 1CT	%	%

Order code	Full product name	LSF HF Preheat 16000h Rated, 3h	LSF HF Preheat 20000h Rated, 3h
623287 70	MASTER PL-C 26W/827/4P 1CT	%	%
623355 70	MASTER PL-C 26W/830/4P 1CT	%	%
623362 70	MASTER PL-C 26W/840/4P 1CT	%	%

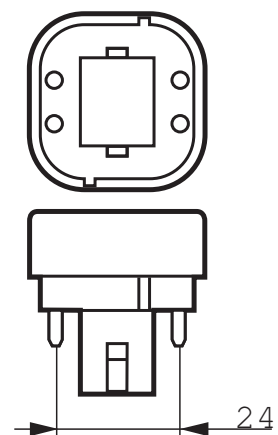
Installation diagrams



G24q-1



G24q-2



G24q-3

Light Technical Characteristics (1/2)

Order code	Full product name	Colour Code	Colour Rendering Index	Colour Designation	Colour Temperature	Luminous Flux EM 25°C, Rated	Luminous Flux EM 25°C, Nominal	Luminous Flux EL 25°C, Rated	Luminous Flux EL 25°C, Nominal	Lum Efficacy Rated EM 25°C	Lum Efficacy Rated HF 25°C
623294 70	MASTER PL-C 10W/ 830/4P 1CT	830	82 Ra8	Warm white	3000 K	600 Lm	600 Lm	600 Lm	600 Lm	60 Lm/W	60 Lm/W
623317 70	MASTER PL-C 13W/ 830/4P 1CT	830	82 Ra8	Warm white	3000 K	900 Lm	900 Lm	900 Lm	900 Lm	69 Lm/W	72 Lm/W
623324 70	MASTER PL-C 13W/ 840/4P 1CT	840	82 Ra8	Cool White	4000 K	925 Lm	925 Lm	925 Lm	925 Lm	69 Lm/W	69 Lm/W
623270 70	MASTER PL-C 18W/ 827/4P 1CT	827	82 Ra8	Incandescent White	2700 K	1200 Lm	1200 Lm	1200 Lm	1200 Lm	67 Lm/W	67 Lm/W
623331 70	MASTER PL-C 18W/ 830/4P 1CT	830	82 Ra8	Warm white	3000 K	1200 Lm	1200 Lm	1200 Lm	1200 Lm	67 Lm/W	67 Lm/W
623348 70	MASTER PL-C 18W/ 840/4P 1CT	840	82 Ra8	Cool White	4000 K	1200 Lm	1200 Lm	1200 Lm	1200 Lm	67 Lm/W	67 Lm/W
623287 70	MASTER PL-C 26W/ 827/4P 1CT	827	82 Ra8	Incandescent White	2700 K	1800 Lm	1800 Lm	1800 Lm	1800 Lm	67 Lm/W	67 Lm/W
623355 70	MASTER PL-C 26W/ 830/4P 1CT	830	82 Ra8	Warm white	3000 K	1800 Lm	1800 Lm	1800 Lm	1800 Lm	67 Lm/W	67 Lm/W
623362 70	MASTER PL-C 26W/ 840/4P 1CT	840	82 Ra8	Cool White	4000 K	1800 Lm	1800 Lm	1800 Lm	1800 Lm	67 Lm/W	67 Lm/W

Light Technical Characteristics (2/2)

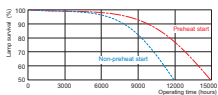
Order code	Full product name	LLMF HF 2000h Rated	LLMF HF 4000h Rated	LLMF HF 6000h Rated	LLMF HF 8000h Rated	LLMF HF 12000h Rated	LLMF HF 16000h Rated	LLMF HF 20000h Rated	Design Temperature	Chromaticity Coordinate X	Chromaticity Coordinate Y
623294 70	MASTER PL-C 10W/ 830/4P 1CT	92 %	87 %	83 %	81 %	%	%	%	28 C	440 -	403 -
623317 70	MASTER PL-C 13W/ 830/4P 1CT	92 %	87 %	83 %	81 %	%	%	%	28 C	440 -	403 -
623324 70	MASTER PL-C 13W/ 840/4P 1CT	92 %	87 %	83 %	81 %	%	%	%	28 C	380 -	380 -
623270 70	MASTER PL-C 18W/ 827/4P 1CT	92 %	87 %	83 %	81 %	%	%	%	28 C	463 -	420 -
623331 70	MASTER PL-C 18W/ 830/4P 1CT	92 %	87 %	83 %	81 %	81 %	%	%	28 C	440 -	403 -
623348 70	MASTER PL-C 18W/ 840/4P 1CT	92 %	87 %	83 %	81 %	%	%	%	28 C	380 -	380 -
623287 70	MASTER PL-C 26W/ 827/4P 1CT	92 %	87 %	83 %	81 %	%	%	%	28 C	463 -	420 -
623355 70	MASTER PL-C 26W/ 830/4P 1CT	92 %	87 %	83 %	81 %	%	%	%	28 C	440 -	403 -
623362 70	MASTER PL-C 26W/ 840/4P 1CT	92 %	87 %	83 %	81 %	%	%	%	28 C	380 -	380 -

Electrical Characteristics

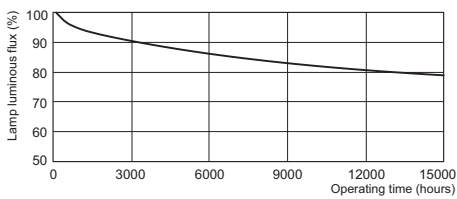
Order code	Full product name	Lamp Wattage	Lamp Wattage EM 25°C, Rated	Lamp Wattage EL 25°C, Rated	Lamp Wattage EL 25°C, Nominal	Lamp Voltage EM 25°C	Lamp Voltage EL 25°C	Lamp Current EM 25°C	Lamp Current EL 25°C	Dimmable
623294 70	MASTER PL-C 10W/ 830/4P 1CT	10 W	10.0 W	9.5 W	10 W	63 V	51 V	0.190 A	0.190 A	yes
623317 70	MASTER PL-C 13W/ 830/4P 1CT	13 W	13.0 W	13.0 W	13.4 W	95 V	95 V	0.170 A	0.170 A	yes

Order code	Full product name	Lamp Wattage	Lamp Wattage EM 25°C, Rated	Lamp Wattage EL 25°C, Rated	Lamp Wattage EL 25°C, Nominal	Lamp Voltage EM 25°C	Lamp Voltage EL 25°C	Lamp Current EM 25°C	Lamp Current EL 25°C	Dimmable
623324 70	MASTER PL-C 13W/ 840/4P 1CT	13 W	13.0 W	13.0 W	13.4 W	95 V	95 V	0.170 A	0.170 A	yes
623270 70	MASTER PL-C 18W/ 827/4P 1CT	18 W	16.0 W	16.5 W	18 W	96 V	96 V	0.230 A	0.230 A	yes
623331 70	MASTER PL-C 18W/ 830/4P 1CT	18 W	16.0 W	16.5 W	18 W	96 V	96 V	0.230 A	0.230 A	yes
623348 70	MASTER PL-C 18W/ 840/4P 1CT	18 W	18.0 W	16.5 W	18 W	96 V	96 V	0.230 A	0.230 A	yes
623287 70	MASTER PL-C 26W/ 827/4P 1CT	26 W	26.0 W	24.0 W	26 W	100 V	100 V	0.335 A	0.335 A	yes
623355 70	MASTER PL-C 26W/ 830/4P 1CT	26 W	26.0 W	24.0 W	26 W	100 V	100 V	0.335 A	0.335 A	yes
623362 70	MASTER PL-C 26W/ 840/4P 1CT	26 W	26.0 W	24.0 W	26 W	100 V	100 V	0.335 A	0.335 A	yes

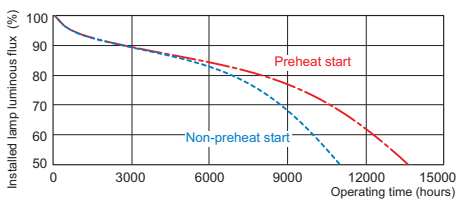
Performance diagrams



Life Expectancy 3 h cycle



Lumen Maintenance 3 h and 12 h cycle



Service Lifetime 3 h cycle

Environmental Characteristics

Order code	Full product name	Energy Efficiency Label (EEL)	Mercury (Hg) Content	Energy consumption kWh/1000h
623294 70	MASTER PL-C 10W/ 830/4P 1CT	A	1.4 mg	11 kWh
623317 70	MASTER PL-C 13W/ 830/4P 1CT	A	1.4 mg	15 kWh
623324 70	MASTER PL-C 13W/ 840/4P 1CT	A	1.4 mg	15 kWh
623270 70	MASTER PL-C 18W/ 827/4P 1CT	A	1.4 mg	20 kWh

Order code	Full product name	Energy Efficiency Label (EEL)	Mercury (Hg) Content	Energy consumption kWh/1000h
623331 70	MASTER PL-C 18W/ 830/4P 1CT	A	1.4 mg	20 kWh
623348 70	MASTER PL-C 18W/ 840/4P 1CT	A	1.4 mg	20 kWh
623287 70	MASTER PL-C 26W/ 827/4P 1CT	A	1.4 mg	29 kWh

Order code	Full product name	Energy Efficiency Label (EEL)	Mercury (Hg) Content	Energy consumption kWh/1000h
623355 70	MASTER PL-C 26W/830/4P 1CT	A	1.4 mg	29 kWh
623362 70	MASTER PL-C 26W/840/4P 1CT	A	1.4 mg	29 kWh



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data subject to change