



# MASTER PL-C Xtra 4 Pin

MASTER PL-C Xtra 18W/840/4P 1CT

MASTER PL-C Xtra is an efficient compact fluorescent lamp, typically used in general downlights for retail, hospitality and office applications. MASTER PL-C Xtra lamps furthermore provide significantly lower operating costs thanks to their lifetime, which is more than double that of a standard MASTER PL-C 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. The 4-pin version is designed for operation on electronic HF control gear with integrated pre-heat and is provided with a plug-in/pull-out lamp base.

## Product data

### • General Characteristics

Cap-Base	G24q-2
Cap-Base Information	4P
Life to 10% failures EM	12000 hr
Life to 10% fail Preheat EL,3h	20000 hr
Life to 10% fail Nonpreh EL,3h	6000 hr
Life to 50% failures EM	16000 hr
Life to 50% fail Preheat EL,3h	33000 hr
Life to 50% fail Nonpreh EL,3h	9000 hr
LSF HF Preheat 2000h Rated,3h	99 %
LSF HF Preheat 4000h Rated,3h	98 %
LSF HF Preheat 6000h Rated,3h	97 %
LSF HF Preheat 8000h Rated,3h	96 %
LSF HF Preheat 12000h Rated,3h	95 %
LSF HF Preheat 16000h Rated,3h	94 %
LSF HF Preheat 20000h Rated,3h	90 %

### • Light Technical Characteristics

Color Code	840 [CCT of 4000K]
Color Rendering Index	82 Ra8
Color Designation (text)	Cool White

Color Temperature	4000 K
Luminous Flux EM 25°C, Rated	1200 Lm
Luminous Flux EM 25°C, Nominal	1200 Lm
Luminous Flux EL 25°C, Rated	1200 Lm
Luminous Flux EL 25°C, Nominal	1200 Lm
Lum Efficacy Rated EM 25°C	67 Lm/W
Lum Efficacy Rated HF 25°C	67 Lm/W
LLMF HF 2000h Rated	92 %
LLMF HF 4000h Rated	88 %
LLMF HF 6000h Rated	86 %
LLMF HF 8000h Rated	84 %
LLMF HF 12000h Rated	81 %
LLMF HF 16000h Rated	79 %
LLMF HF 20000h Rated	78 %
Design Temperature	28 C
Chromaticity Coordinate X	380 -
Chromaticity Coordinate Y	380 -

### • Electrical Characteristics

Lamp Wattage	18 W
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## MASTER PL-C Xtra 4 Pin

Lamp Wattage EM 25°C, Nominal	17 W
Lamp Wattage EM 25°C, Rated	18.0 W
Lamp Wattage EL 25°C, Rated	17.6 W
Lamp Wattage EL 25°C, Nominal	17 W
Lamp Voltage EM 25°C	100 V
Lamp Voltage EL 25°C	80 V
Lamp Current EM 25°C	0.220 A
Lamp Current EL 25°C	0.230 A
Dimmable	Yes

### • Environmental Characteristics

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content	3.0 mg
Energy consumption kWh/1000h	20 kWh

### • Product Dimensions

Base Face to Base Face A	109.7 (max) mm
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Insertion Length B	128.0 (max) mm
Overall Length C	142.9 (max) mm
Diameter D	27.1 (max) mm
Diameter D1	27.1 (max) mm

### • Product Data

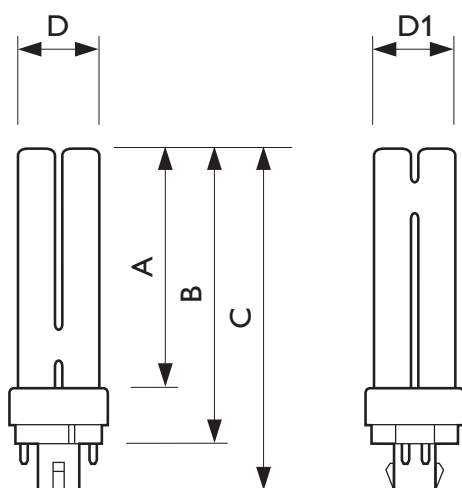
Order code	927906584014
Full product code	927906584014
Full product name	MASTER PL-C Xtra 18W/840/4P 1CT
Order product name	MASTER PL-C Xtra 18W/840/4P 1CT/5X10CC
Pieces per pack	1
Packing configuration	5X10CC
Packs per outerbox	50
Bar code on pack - EAN1	8711500950369
Bar code on inter- mediate packing - EAN2	8711500950376
Bar code on outerbox - EAN3	8711500950383
Logistic code(s) - 12NC	927906584014
ILCOS code	FSQ-18/40/1B-E-G24q=2
Net weight per piece	55.300 gr

- Shorter lamp life when often switching and not well pre-heated electrodes

## 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

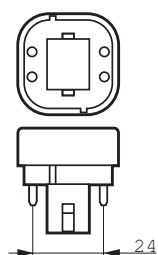
## Dimensional drawing



### MASTER PL-C Xtra 18W/840/4P 1CT

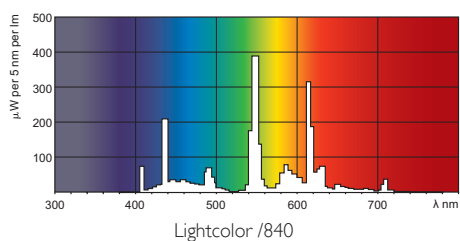
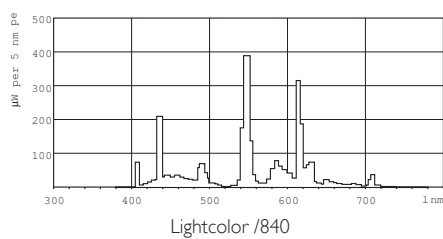
Product	A (Max)	B (Max)	C (Max)	D (Max)	D1 (Max)
PL-C Xtra 18W/840/4P	109.7	128.0	142.9	27.1	27.1

## Dimensional drawing



G24q-2

## Photometric data



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2014, March 26  
data subject to change