



# MASTER PL-C Xtra 2 Pin

MASTER PL-C Xtra 18W/840/2P 1CT

This 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 2-pin version is designed for operation on electromagnetic gear and is provided with a plug-in/pull-out lamp base.

## Product data

### • General Characteristics

Cap-Base	G24d-2
Cap-Base Information	2P
Life to 10% failures EM	12000 hr
Life to 50% failures EM	16000 hr
LSF EM 2000h Rated, 3h cycle	99 %
LSF EM 4000h Rated, 3h cycle	98 %
LSF EM 6000h Rated, 3h cycle	97 %
LSF EM 8000h Rated, 3h cycle	95 %
LSF EM 12000h Rated, 3h cycle	90 %
LSF EM 16000h Rated, 3h cycle	50 %

### • 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
Lum Efficacy Rated EM 25°C	67 Lm/W
LLMF EM 2000h Rated	92 %

LLMF EM 4000h Rated	87 %
LLMF EM 6000h Rated	84 %
LLMF EM 8000h Rated	81 %
LLMF EM 12000h Rated	79 %
LLMF EM 16000h Rated	78 %
LLMF EM 20000h Rated	77 %
Design Temperature	28 C
Chromaticity Coordinate X	380 -
Chromaticity Coordinate Y	380 -

### • Electrical Characteristics

Lamp Wattage	18 W
Lamp Wattage EM 25°C, Nominal	17 W
Lamp Wattage EM 25°C, Rated	17.9 W
Lamp Voltage EM 25°C	100 V
Lamp Current EM 25°C	0.220 A
Dimmable	No

### • Environmental Characteristics

Energy Efficiency Label (EEL)	B
Mercury (Hg) Content	3.0 mg

## MASTER PL-C Xtra 2 Pin

Energy consumption  
kWh/1000h

22 kWh

### • Product Dimensions

Base Face to Base  
Face A 109.7 (max) mm  
Insertion Length B 128.0 (max) mm  
Overall Length C 150.4 (max) mm  
Diameter D 27.1 (max) mm  
Diameter D1 27.1 (max) mm

### • Product Data

Order code 927906484014  
Full product code 927906484014  
Full product name MASTER PL-C Xtra 18W/840/2P  
1CT

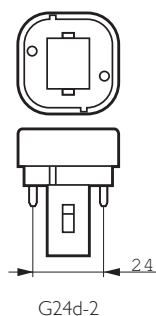
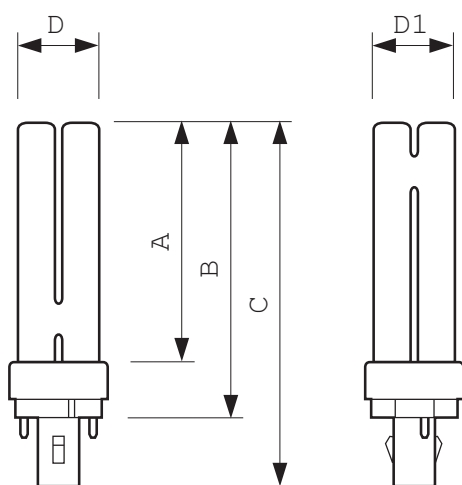
Order product name MASTER PL-C Xtra 18W/840/2P  
1CT/5X10BOX  
Pieces per pack 1  
Packing configuration 5X10CC  
Packs per outerbox 50  
Bar code on pack -  
EAN1 8711500950307  
Bar code on inter-  
mediate packing -  
EAN2 8711500950314  
Bar code on  
outerbox - EAN3 8711500950321  
Logistic code(s) -  
12NC 927906484014  
ILCOS code FSQ-18/40/1B-I-G24d=2  
Net weight per piece 57.800 gr

## Warnings and Safety

- Dimming is not possible

- 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

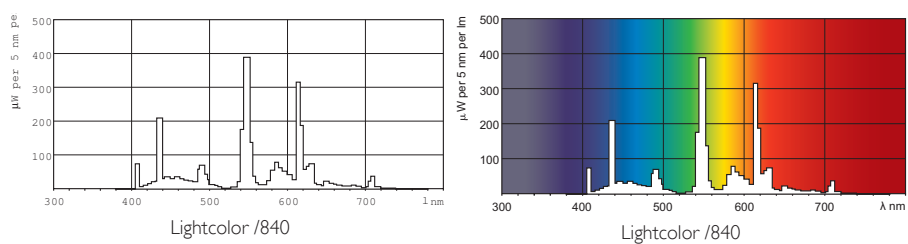
## Dimensional drawing



### MASTER PL-C Xtra 18W/840/2P 1CT

Product	A (Max)	B (Max)	C (Max)	D (Max)	D1 (Max)
PL-C Xtra 18W/840/2P	109.7	128.0	150.4	27.1	27.1

## Photometric data



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2014, April 2  
data subject to change