# **PHILIPS** Lighting



## **MASTER PL-C 4 Pin**

### MASTER PL-C 18W/840/4P 1CT/5X10BOX

MASTER PL-C is an efficient medium-wattage compact fluorescent lamp, typically used in general downlights for retail, hospitality and office applications. 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.

#### 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.

#### **Product data**

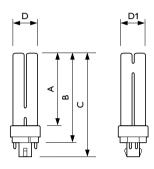
General Information		Color rendering index (CRI)	80		
Cap-Base	G24Q-2 [G24q-2]				
Flux measurement reference	Sphere	Operating and Electrical			
		Power Consumption	18.4 W		
Light Technical		Lamp Current (Nom)	0.230 A		
Color Code	840 [CCT of 4000K]				
Luminous Flux	1,200 lumen	Controls and Dimming	Controls and Dimming		
Color Designation	Cool White (CW)	Dimmable	Yes		
Chromaticity Coordinate X (Nom)	0.38				
Chromaticity Coordinate Y (Nom)	0.38	Approval and Application	Approval and Application		
Correlated Color Temperature (Nom)	4000 K	Mercury (Hg) Content (Max)	1.4 mg		
Luminous Efficacy (rated) (Nom)	67 lm/W	Mercury (Hg) Content (Nom)	1.4 mg		
		Energy Consumption kWh/1000 h	19 kWh		

#### **MASTER PL-C 4 Pin**

EPREL Registration Number	423,303			
Product Data				
Full product code	871150062334870			
Order product name	MASTER PL-C 18W/840/4P 1CT/5X10BOX			
Order code	927907284040			
Numerator - Quantity Per Pack	1			

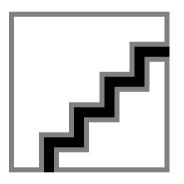
Numerator - Packs per outer box	50		
Material number (12NC)	927907284040		
Full product name	MASTER PL-C 18W/840/4P 1CT/5X10BOX		
EAN/UPC - Case	8711500715906		

#### **Dimensional drawing**



Product	D (max)	D1 (max)	A (max)	B (max)	C (max)
MASTER PL-C 18W/840	0/4P 1CT/ 27.1 mm	27.1 mm	109.5 mm	128.0 mm	142.9 mm
5X10BOX					

#### Photometric data



Spectral Power Distribution Colour - MASTER PL-C 18W/840/4P 1CT/5X10BOX

#### 100 100 Lamp survival (%) Lamp survival (%) 90 90 Preheat start 80 80 70 70 Non-preheat start Preheat start Non-preheat start 60 60 50 50 12000 15000 Operating time (hours) 3000 6000 9000 3000 6000 9000 0 15000 0 12000 Operating time (hours)

Lifetime

Life Expectancy Diagram - MASTER PL-C 18W/840/4P 1CT/5X10BOX

#### Life Expectancy Diagram - MASTER PL-C 18W/840/4P 1CT/5X10BOX

15000

#### **MASTER PL-C 4 Pin**

Lifetime



Lumen Maintenance Diagram - MASTER PL-C 18W/840/4P 1CT/5X10BOX



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