



# **MASTER PL-T 4 Pin**

## MASTER PL-T 57W/840/4P 1CT/5X10BOX

MASTER PL-T is an efficient compact fluorescent lamp, typically used in general downlights for retail, hospitality and office applications demanding higher lighting levels. 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 gear 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				
Cap-Base	GX24Q-5 [ GX24q-5]			
Life to 50% Failures Preheat (Nom)	13000 h			
LSF Preheat 2000 h Rated	99 %			
LSF Preheat 4000 h Rated	98 %			
LSF Preheat 6000 h Rated	97 %			
LSF Preheat 8000 h Rated	90 %			
Light Technical				
Color Code	840 [ CCT of 4000K]			
Luminous Flux (Nom)	4300 lm			
Luminous Flux (Rated) (Nom)	4200 lm			
Color Designation	Cool White (CW)			

Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (Rated) (Min)	75 lm/W		
Color Rendering Index (Nom)	82		
LLMF 2000 h Rated	92 %		
LLMF 4000 h Rated	88 %		
LLMF 6000 h Rated	86 %		
LLMF 8000 h Rated	84 %		
LLMF 12000 h Rated	81 %		
Operating and Electrical			
Power (Nom)	56.0 W		
Lamp Current (Nom)	0.325 A		

Datasheet, 2020, March 19 data subject to change

## **MASTER PL-T 4 Pin**

Temperature	
Design Temperature (Nom)	28 ℃
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Cap-Base Information	4 Pins
Approval and Application	
Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	1.4 mg
Energy Consumption kWh/1000 h	59 kWh

Product Data					
Full product code	871150061145170				
Order product name	MASTER PL-T 57W/840/4P 1CT/5X10BOX				
EAN/UPC - Product	8711500611451				
Order code	927914984071				
Numerator - Quantity Per Pack	1				
Numerator - Packs per outer box	50				
Material Nr. (12NC)	927914984071				
Net Weight (Piece)	101.000 g				
ILCOS Code	FSM6H-57/40/1B-L/P-GX24q=5				

## Dimensional drawing

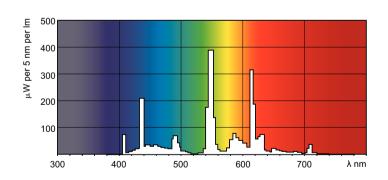
 $\Box$ 

Product	D (max)	A (max)	B (max)	C (max)
MASTER PL-T 57W/840/4P 1CT/	41.0 mm	157.7 mm	182.0 mm	197.7 mm
5X10BOX				

## PL-T 57W/840/4P M

#### Photometric data

(1)



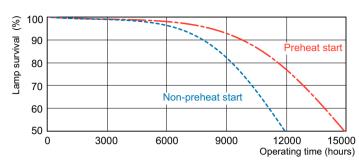
LDPB\_PLT4PN\_840-Spectral power distribution B/W

LDPO\_PLT4PN\_840-Spectral power distribution Colour

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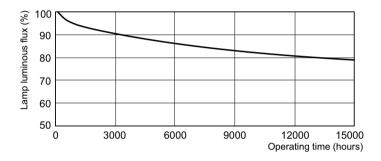
### Lifetime





#### LDLE\_PLT4PN\_0001-Life expectancy diagram





LDLM\_PLT4PN\_0001-Lumen maintenance diagram



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