# **PHILIPS** Lighting



# PL-Q 4 Pin

### PL-Q 28W/827/4P 1CT/10BOX

PL-Q is an efficient, square-shaped compact fluorescent lamp, typically used in decorative-lighting luminaires. While offering the advantage of energy-efficient operation, it also provides design freedom for flat ceiling or wall fixtures in particular, due to its low built-in height and uniform spread of light. The 4-pin version is designed for operation on electronic gear.

#### **Product data**

General Information					
Cap-Base	GR10Q [ GR10q]				
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	95 % 89 % 22 %				
LSF Preheat 8000 h Rated					
LSF Preheat 16000 h Rated					
LSF Preheat 20000 h Rated	4 %				
Light Technical					
Color Code	827 [ CCT of 2700K]				
Luminous Flux (Nom)	2050 lm				
Luminous Flux (Rated) (Nom)	2050 lm				
Color Designation	Incandescent White				
Correlated Color Temperature (Nom)	2700 K				
Luminous Efficacy (rated) (Nom)	73.2 lm/W				
Color Rendering Index (Nom)	82				
LLMF 2000 h Rated	90 %				
LLMF 4000 h Rated	86 %				
LLMF 6000 h Rated	83 %				
LLMF 8000 h Rated	80 %				

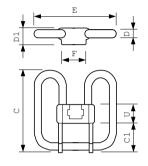
LLMF 12000 h Rated	79 %	
LLMF 16000 h Rated	78 %	
LLMF 20000 h Rated	78 %	
Operating and Electrical		
Power (Nom)	24.8 W	
Lamp Current (Nom)	0.320 A	
Temperature		
Design Temperature (Nom)	25 °C	
Controls and Dimming		
Dimmable	Yes	
Mechanical and Housing		
Cap-Base Information	4 Pins	
Approval and Application		
Energy Efficiency Label (EEL)	А	
Mercury (Hg) Content (Nom)	4 mg	
Energy Consumption kWh/1000 h	31 kWh	

#### PL-Q 4 Pin

Product Data				
Full product code	871150026991125			
Order product name	PL-Q 28W/827/4P 1CT/10BOX			
EAN/UPC - Product	8711500269911			
Order code	927939382740			
Numerator - Quantity Per Pack	1			

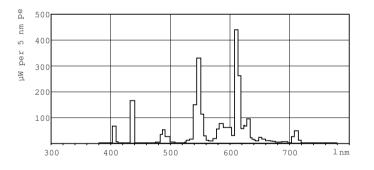
Numerator - Packs per outer box	10				
Material Nr. (12NC)	927939382740				
Net Weight (Piece)	127.000 g				
ILCOS Code	FSS-28/27/1B-E-GR10q				

#### Dimensional drawing



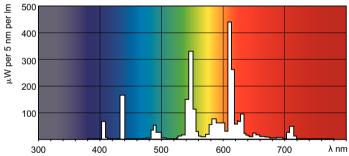
PL-Q 28W/827/4P

#### Photometric data



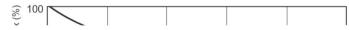


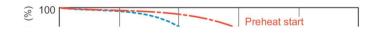
Product	U (max)	D (max)	D1 (max)	C (max)	C1 (max)	F (max)	E (max)
PL-Q 28W/	46.5 mm	18.9 mm	33 mm	203 mm	76 mm	41 mm	200 mm
827/4P 1CT/							
10BOX							



LDPO\_PLQ4P\_827-Spectral power distribution Colour

## Lifetime

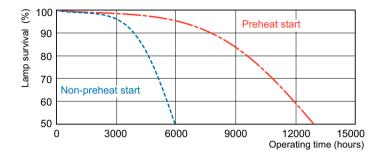




LDLM\_PLQ4P\_0001-Lumen maintenance diagram

#### PL-Q 4 Pin

#### Lifetime



LDLE\_PLQ4P\_0001-Life expectancy diagram



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