



# 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.

### 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

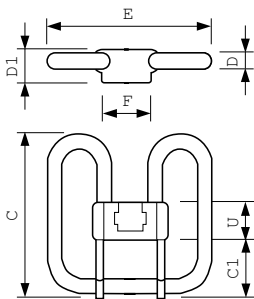
General information		Luminous Flux (Rated) (Nom)	
Cap-Base	GR10Q [ GR10q]		2050 lm
Life to 50% Failures Preheat (Nom)	13000 h	Color Designation	Incandescent White
LSF Preheat 2000 h Rated	99 %	Chromaticity Coordinate X (Nom)	0.463
LSF Preheat 4000 h Rated	98 %	Chromaticity Coordinate Y (Nom)	0.42
LSF Preheat 6000 h Rated	95 %	Correlated Color Temperature (Nom)	2700 K
LSF Preheat 8000 h Rated	89 %	Luminous Efficacy (rated) (Nom)	73.2 lm/W
LSF Preheat 16000 h Rated	22 %	Color Rendering Index (Nom)	81
LSF Preheat 20000 h Rated	4 %	LLMF 2000 h Rated	90 %
Flux measurement reference	Sphere	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 %
Light technical			
Color Code	827 [ CCT of 2700K]		
Luminous Flux (Nom)	2050 lm		

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LLMF 20000 h Rated	78 %
<b>Operating and electrical</b>	
Power (Nom)	28.4 W
Lamp Current (Nom)	0.320 A
<b>Temperature</b>	
Design Temperature (Nom)	25 °C
<b>Controls and dimming</b>	
Dimmable	Yes
<b>Mechanical and housing</b>	
Cap-Base Information	4 Pins
<b>Approval and application</b>	
Energy Efficiency Class	G

Mercury (Hg) Content (Max)	3 mg
Mercury (Hg) Content (Nom)	4 mg
Energy Consumption kWh/1000 h	29 kWh
EPREL Registration Number	423611
<b>Product data</b>	
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

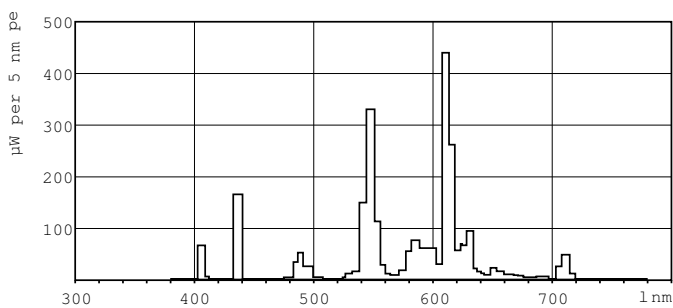
## Dimensional drawing



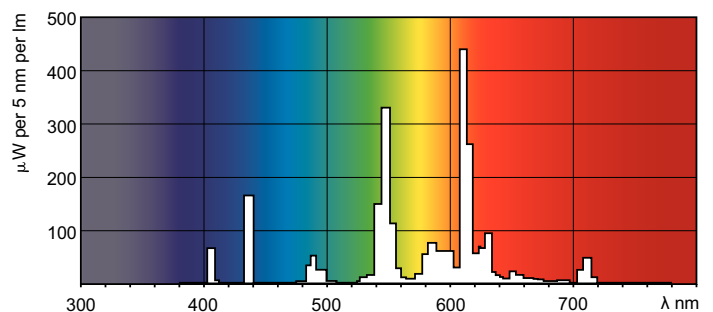
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Product	U (max)	D (max)	D1 (max)	C (max)	C1 (max)	F (max)	E (max)
PL-Q 28W/ 827/4P 1CT/ 10BOX	46.5 mm	18.9 mm	33 mm	203 mm	76 mm	41 mm	200 mm

## Photometric data



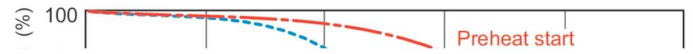
LDPB\_PLQ4P\_827-Spectral power distribution B/W



LDPO\_PLQ4P\_827-Spectral power distribution Colour

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## Lifetime



LDLM\_PLQ4P\_0001-Lumen maintenance diagram

LDLE\_PLQ4P\_0002-Life expectancy diagram



LDLE\_PLQ4P\_0001-Life expectancy diagram

