



# PL-Q 4 Pin

## PL-Q 28W/840/4P 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	
Cap base	GR10Q [ GR10q]
Life to 50% failures preheat (nom.)	13000 h
LSF preheat 2,000 hours rated	99 %
LSF preheat 4,000 hours rated	98 %
LSF preheat 6,000 hours rated	95 %
LSF preheat 8,000 hours rated	89 %
LSF preheat 16,000 hours rated	22 %
LSF preheat 20,000 hours rated	4 %
	Sphere
Light technical	
Colour Code	841 [ CCT of 4100K (841)]
Luminous flux (nom.)	2050 lm

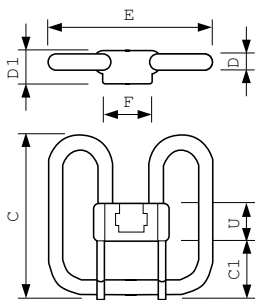
Luminous flux (rated) (nom.)	2050 lm
Colour designation	Cool White (CW)
Chromaticity coordinate X (nom.)	0.38
Chromaticity coordinate Y (nom.)	0.38
Correlated Colour Temperature (Nom)	4000 K
Luminous efficacy (rated) (nom.)	73.2 lm/W
Colour rendering index (nom.)	81
LLMF 2000 h Rated	90 %
LLMF 4000 h Rated	86 %
LLMF 6000 h Rated	83 %
LLMF 8000 h Rated	80 %
LLMF 12000 h Rated	79 %
LLMF 16000 h Rated	78 %

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LLMF 20000 h Rated	78 %
<b>Operating and electrical</b>	
Power (Rated) (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	4P
<b>Approval and application</b>	
Energy Efficiency Class	G
Mercury (Hg) content (max.)	3 mg

Mercury (Hg) content (nom.)	4 mg
Energy consumption kWh/1,000 hours	29 kWh
	423614
<b>Product data</b>	
Full product code	871150026993525
Order product name	PL-Q 28W/840/4P 1CT/10BOX
EAN/UPC – product	8711500269935
Order code	26993525
SAP numerator – quantity per pack	1
Local code description	8345423
Numerator – packs per outer box	10
SAP material	927939384040
Net Weight (Piece)	127.000 g
ILCOS code	FSS-28/40/1B-E-GR10q

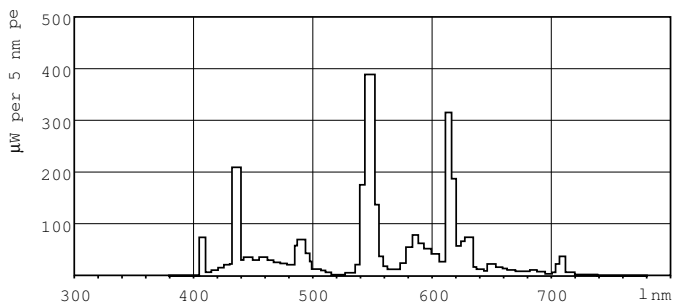
## Dimensional drawing



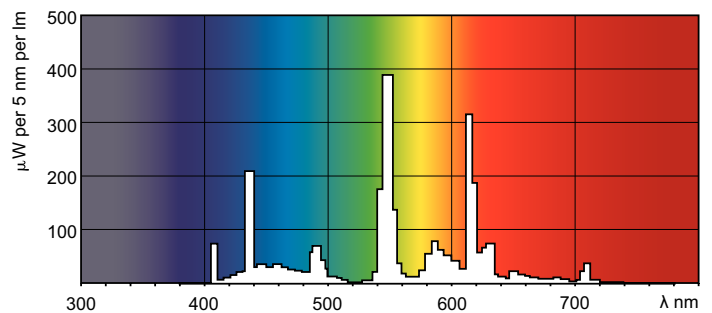
PL-Q 28W/840/4P 1CT/10BOX

Product	U (max)	D (max)	D1 (max)	C (max)	C1 (max)	F (max)	E (max)
PL-Q 28W/ 840/4P 1CT/ 10BOX	46.5 mm	18.9 mm	33 mm	203 mm	76 mm	41 mm	200 mm

## Photometric data



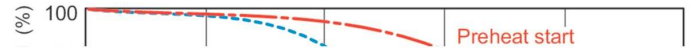
LDPB\_PLQ4P\_840-Spectral power distribution B/W



Lightcolour /840

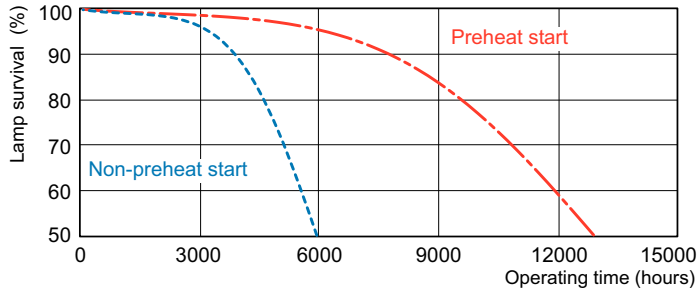
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## Lifetime



LDLM\_PLQ4P\_0001-Lumen maintenance diagram

LDLE\_PLQ4P\_0002-Life expectancy diagram



LDLE\_PLQ4P\_0001-Life expectancy diagram

