



# Product Description

## PL-Q 2 Pin

Compact fluorescent lamps with a quadrant-like shape

### Benefits

- High light quality and optimum lumen output provide increased value for money
- Energy-saving light with good colour rendering
- Long service lifetime
- The Philips Lighting stamp of quality

### Features

- Retrofit in already installed 2D luminaires
- Assembled with the same high-quality components as all other Philips CFL-NI lamps

### Application

- Ideal for applications such as
- corridors
- toilets
- stairwells
- reception areas

### Warnings and Safety

- Use only with electromagnetic control gear
- Lamp light technical and electrical characteristics are influenced by operating conditions, i.e. lamp ambient temperature and operating position
- Dimming is not possible
- 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.

## PL-Q 2 Pin

### Versions



GR8, PL-Q

### Dimensional drawing

Product	U (max)	D (max)	D1 (max)	C (max)	C1 (max)	F (max)	E (max)
PL-Q 16W/ 830/2P 1CT/ 10BOX	40 mm	13.7 mm	27.0 mm	138 mm	49 mm	40.5 mm	135 mm
PL-Q 28W/ 827/2P 1CT/ 10BOX	46.5 mm	18.9 mm	33.0 mm	203 mm	76 mm	41 mm	200 mm
PL-Q 16W/ 827/2P 1CT/ 10BOX	40 mm	13.7 mm	27.0 mm	138 mm	49 mm	40.5 mm	135 mm
PL-Q 16W/ 835/2P 1CT/ 10BOX	40 mm	13.7 mm	27.0 mm	138 mm	49 mm	40.5 mm	135 mm
PL-Q 28W/ 830/2P 1CT/ 10BOX	46.5 mm	18.9 mm	33.0 mm	203 mm	76 mm	41 mm	200 mm

## PL-Q 2 Pin

### Approval and Application

Mercury (Hg) Content (Nom)	4.0 mg
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### Controls and Dimming

Dimmable	No
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### General Information

Cap-Base	GR8
Life To 10% Failures (Nom)	6000 h
Life To 50% Failures (Nom)	8000 h
LSF 2000 h Rated	99 %
LSF 4000 h Rated	96 %
LSF 6000 h Rated	89 %
LSF 8000 h Rated	73 %

### Light Technical

Color Rendering Index (Nom)	82
LLMF 12000 h Rated	79 %
LLMF 16000 h Rated	78 %
LLMF 2000 h Rated	90 %
LLMF 20000 h Rated	77 %
LLMF 4000 h Rated	85 %
LLMF 6000 h Rated	82 %
LLMF 8000 h Rated	80 %

### Temperature

Design Temperature (Nom)	25 °C
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### Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Energy Efficiency Label (EEL)
26965225	PL-Q 16W/827/2P 1CT/10BOX	20 kWh	B
26987425	PL-Q 16W/830/2P 1CT/10BOX	20 kWh	B
26966925	PL-Q 16W/835/2P 1CT/10BOX	20 kWh	B
27454025	PL-Q 28W/827/2P 1CT/10BOX	34 kWh	A
27455725	PL-Q 28W/830/2P 1CT/10BOX	34 kWh	A

## Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
26965225	PL-Q 16W/827/2P 1CT/10BOX	0.196 A	16.0 W
26987425	PL-Q 16W/830/2P 1CT/10BOX	0.195 A	16.0 W
26966925	PL-Q 16W/835/2P 1CT/10BOX	0.195 A	16.0 W

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
27454025	PL-Q 28W/827/2P 1CT/10BOX	0.320 A	28.0 W
27455725	PL-Q 28W/830/2P 1CT/10BOX	0.320 A	28.0 W

## Light Technical (1/2)

Order Code	Full Product Name	Color Code	Color Designation	Correlated	
				Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)
26965225	PL-Q 16W/ 827/2P 1CT/ 10BOX	827	Incandescent White	2700 K	66.6 lm/W
26987425	PL-Q 16W/ 830/2P 1CT/ 10BOX	830	Warm White (WW)	3000 K	66.6 lm/W
26966925	PL-Q 16W/ 835/2P 1CT/ 10BOX	835	White (WH)	3500 K	66.6 lm/W

Order Code	Full Product Name	Color Code	Color Designation	Correlated	
				Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)
27454025	PL-Q 28W/ 827/2P 1CT/ 10BOX	827	Incandescent White	2700 K	73.2 lm/W
27455725	PL-Q 28W/ 830/2P 1CT/ 10BOX	830	Warm White (WW)	3000 K	73.2 lm/W

## Light Technical (2/2)

## PL-Q 2 Pin

Order Code	Full Product Name	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
26965225	PL-Q 16W/827/2P 1CT/10BOX	1050 lm	1050 lm
26987425	PL-Q 16W/830/2P 1CT/10BOX	1050 lm	1050 lm
26966925	PL-Q 16W/835/2P 1CT/10BOX	1050 lm	1050 lm

Order Code	Full Product Name	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
27454025	PL-Q 28W/827/2P 1CT/10BOX	2050 lm	2050 lm
27455725	PL-Q 28W/830/2P 1CT/10BOX	2050 lm	2050 lm

