



Product Description

PL-Q 4 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
- Dimming is possible

Application

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

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.

PL-Q 4 Pin

Versions



Approval and Application

Mercury (Hg) Content (Max)	3 mg
Mercury (Hg) Content (Nom)	4 mg

Controls and Dimming

Dimmable	Yes
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General Information

Cap-Base	GR10Q
LSF Preheat 16000 h Rated	22 %
LSF Preheat 20000 h Rated	4 %
LSF Preheat 2000 h Rated	99 %
LSF Preheat 4000 h Rated	98 %
LSF Preheat 6000 h Rated	95 %
LSF Preheat 8000 h Rated	89 %

Light Technical

Colour Rendering Index (Nom)	81
LLMF 12000 h Rated	79 %
LLMF 16000 h Rated	78 %
LLMF 2000 h Rated	90 %
LLMF 20000 h Rated	78 %
LLMF 4000 h Rated	86 %
LLMF 6000 h Rated	83 %
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
927939182740	PL-Q 16W/827/4P 1CT/10BOX	17 kWh
927939183540	PL-Q 16W/835/4P 1CT/10BOX	17 kWh
927939382740	PL-Q 28W/827/4P 1CT/10BOX	29 kWh
927939383540	PL-Q 28W/835/4P 1CT/10BOX	29 kWh
927939384040	PL-Q 28W/840/4P 1CT/10BOX	29 kWh
927939483040	PL-Q 38W/830/4P 1CT/10BOX	39 kWh
927939483540	PL-Q 38W/835/4P 1CT/10BOX	39 kWh
927939484040	PL-Q 38W/840/4P 1CT/10BOX	39 kWh

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
927939182740	PL-Q 16W/827/4P 1CT/10BOX	0.195 A	16.2 W
927939183540	PL-Q 16W/835/4P 1CT/10BOX	0.195 A	16.2 W
927939382740	PL-Q 28W/827/4P 1CT/10BOX	0.320 A	28.4 W
927939383540	PL-Q 28W/835/4P 1CT/10BOX	0.320 A	28.4 W

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
927939384040	PL-Q 28W/840/4P 1CT/10BOX	0.320 A	28.4 W
927939483040	PL-Q 38W/830/4P 1CT/10BOX	0.430 A	38.4 W
927939483540	PL-Q 38W/835/4P 1CT/10BOX	0.430 A	38.4 W
927939484040	PL-Q 38W/840/4P 1CT/10BOX	0.430 A	38.4 W

General Information

PL-Q 4 Pin

Order Code	Full Product Name	Life To 50% Failures Preheat (Nom)
927939182740	PL-Q 16W/827/4P 1CT/10BOX	13000 h
927939183540	PL-Q 16W/835/4P 1CT/10BOX	13000 h
927939382740	PL-Q 28W/827/4P 1CT/10BOX	13000 h
927939383540	PL-Q 28W/835/4P 1CT/10BOX	13000 h

Order Code	Full Product Name	Life To 50% Failures Preheat (Nom)
927939384040	PL-Q 28W/840/4P 1CT/10BOX	13000 h
927939483040	PL-Q 38W/830/4P 1CT/10BOX	12000 h
927939483540	PL-Q 38W/835/4P 1CT/10BOX	13000 h
927939484040	PL-Q 38W/840/4P 1CT/10BOX	13000 h

Light Technical (1/2)

Order Code	Full Product Name	Chromaticity		Colour	
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Designation
927939182740	PL-Q 16W/827/4P 1CT/10BOX	0.463	0.42	827	Incandescent White
927939183540	PL-Q 16W/835/4P 1CT/10BOX	0.409	0.394	835	White (WH)
927939382740	PL-Q 28W/827/4P 1CT/10BOX	0.463	0.42	827	Incandescent White
927939383540	PL-Q 28W/835/4P 1CT/10BOX	0.409	0.394	835	White (WH)

Order Code	Full Product Name	Chromaticity		Colour	
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Designation
927939384040	PL-Q 28W/840/4P 1CT/10BOX	0.38	0.38	840	Cool White (CW)
927939483040	PL-Q 38W/830/4P 1CT/10BOX	0.44	0.403	830	Warm white (WW)
927939483540	PL-Q 38W/835/4P 1CT/10BOX	0.409	0.394	835	White (WH)
927939484040	PL-Q 38W/840/4P 1CT/10BOX	0.38	0.38	840	Cool White (CW)

Light Technical (2/2)

Order Code	Full Product Name	Correlated Colour Temperature	Luminous Efficacy (rated)	Luminous Flux (Nom)	Luminous Flux (Rated)
		(Nom)	(Nom)	(Nom)	(Nom)
927939182740	PL-Q 16W/827/4P 1CT/10BOX	2700 K	66.6 lm/W	1050 lm	1050 lm
927939183540	PL-Q 16W/835/4P 1CT/10BOX	3500 K	66.6 lm/W	1050 lm	1050 lm
927939382740	PL-Q 28W/827/4P 1CT/10BOX	2700 K	73.2 lm/W	2050 lm	2050 lm
927939383540	PL-Q 28W/835/4P 1CT/10BOX	3500 K	73.2 lm/W	2050 lm	2050 lm

Order Code	Full Product Name	Correlated Colour Temperature	Luminous Efficacy (rated)	Luminous Flux (Nom)	Luminous Flux (Rated)
		(Nom)	(Nom)	(Nom)	(Nom)
927939384040	PL-Q 28W/840/4P 1CT/10BOX	4000 K	73.2 lm/W	2050 lm	2050 lm
927939483040	PL-Q 38W/830/4P 1CT/10BOX	3000 K	75 lm/W	2750 lm	2850 lm
927939483540	PL-Q 38W/835/4P 1CT/10BOX	3500 K	75 lm/W	2750 lm	2850 lm
927939484040	PL-Q 38W/840/4P 1CT/10BOX	4000 K	75 lm/W	2750 lm	2850 lm

