



The alternative!

PL-Q 2 Pin

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 2-pin version is designed for operation on electromagnetic gear.

Benefits

- Low built-in height
- Multiple light color choice
- Good color rendering (CRI >80)

Features

- 2-pin base with a housing incorporating the special instant starter and capacitor
- Fluorescent tri-phosphor technology

Application

- Ideal for applications such as corridors, toilets, stairwells and 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



16 W GR8

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 (Max)	3 mg
Mercury (Hg) Content (Nom)	4.0 mg

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)	81
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
927939082740	PL-Q 16W/827/2P 1CT/10BOX	17 kWh
927939083040	PL-Q 16W/830/2P 1CT/10BOX	17 kWh
927939083540	PL-Q 16W/835/2P 1CT/10BOX	17 kWh
927939282740	PL-Q 28W/827/2P 1CT/10BOX	29 kWh
927939283040	PL-Q 28W/830/2P 1CT/10BOX	29 kWh

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
927939082740	PL-Q 16W/827/2P 1CT/10BOX	0.196 A	16.2 W
927939083040	PL-Q 16W/830/2P 1CT/10BOX	0.195 A	16.2 W
927939083540	PL-Q 16W/835/2P 1CT/10BOX	0.195 A	16.2 W

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
927939282740	PL-Q 28W/827/2P 1CT/10BOX	0.320 A	28.4 W
927939283040	PL-Q 28W/830/2P 1CT/10BOX	0.320 A	28.4 W

Light Technical (1/2)

Order Code	Full Product Name	Chromaticity		Color	
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Designation
927939082740	PL-Q 16W/827/2P 1CT/10BOX	0.463	0.42	827	Incandescent White
927939083040	PL-Q 16W/830/2P 1CT/10BOX	0.44	0.403	830	Warm White (WW)
927939083540	PL-Q 16W/835/2P 1CT/10BOX	0.409	0.394	835	White (WH)

Order Code	Full Product Name	Chromaticity		Color	
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Designation
927939282740	PL-Q 28W/827/2P 1CT/10BOX	0.463	0.42	827	Incandescent White
927939283040	PL-Q 28W/830/2P 1CT/10BOX	0.44	0.403	830	Warm White (WW)

Light Technical (2/2)

PL-Q 2 Pin

Order Code	Full Product Name	Correlated Color	Luminous Efficacy (rated)	Luminous Flux (Nom)	Luminous Flux (Rated)
		Temperature (Nom)	(Nom)	(Nom)	(Nom)
927939082740	PL-Q 16W/ 827/2P 1CT/ 10BOX	2700 K	66.6 lm/W	1050 lm	1050 lm
927939083040	PL-Q 16W/ 830/2P 1CT/ 10BOX	3000 K	66.6 lm/W	1050 lm	1050 lm
927939083540	PL-Q 16W/ 835/2P 1CT/ 10BOX	3500 K	66.6 lm/W	1050 lm	1050 lm

Order Code	Full Product Name	Correlated Color	Luminous Efficacy (rated)	Luminous Flux (Nom)	Luminous Flux (Rated)
		Temperature (Nom)	(Nom)	(Nom)	(Nom)
927939282740	PL-Q 28W/ 827/2P 1CT/ 10BOX	2700 K	73.2 lm/W	2050 lm	2050 lm
927939283040	PL-Q 28W/ 830/2P 1CT/ 10BOX	3000 K	73.2 lm/W	2050 lm	2050 lm

