



The alternative!

PL-Q 4 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 4-pin version is designed for operation on electronic gear.

Benefits

- Low built-in height
- Multiple light color choice
- Good color rendering (CRI >80)
- Dimming possible down to 10%

Features

- 4-pin base
- Fluorescent tri-phosphor technology

Application

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

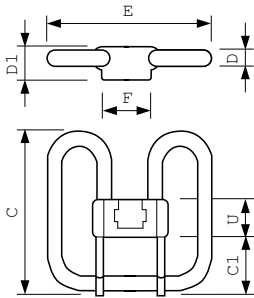
PL-Q 4 Pin

Versions



GR10q, 4P

Dimensional drawing



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
PL-Q 38W/ 830/4P 1CT/ 10BOX	46.5 mm	18.9 mm	33 mm	203 mm	76 mm	41 mm	200 mm
PL-Q 16W/ 827/4P 1CT/ 10BOX	40 mm	13.7 mm	27.5 mm	138 mm	49 mm	40.5 mm	135 mm
PL-Q 38W/ 835/4P 1CT/ 10BOX	46.5 mm	18.9 mm	33 mm	203 mm	76 mm	41 mm	200 mm
PL-Q 28W/ 830/4P 1CT/ 10BOX	46.5 mm	18.9 mm	33 mm	203 mm	76 mm	41 mm	200 mm
PL-Q 16W/ 835/4P 1CT/ 10BOX	40 mm	13.7 mm	27.5 mm	138 mm	49 mm	40.5 mm	135 mm
PL-Q 28W/ 827/4P 1CT/ 10BOX	46.5 mm	18.9 mm	33 mm	203 mm	76 mm	41 mm	200 mm
PL-Q 38W/ 840/4P 1CT/ 10BOX	46.5 mm	18.9 mm	33 mm	203 mm	76 mm	41 mm	200 mm
PL-Q 16W/ 830/4P 1CT/ 10BOX	40 mm	13.7 mm	27.5 mm	138 mm	49 mm	40.5 mm	135 mm
PL-Q 28W/ 835/4P 1CT/ 10BOX	46.5 mm	18.9 mm	33 mm	203 mm	76 mm	41 mm	200 mm
PL-Q 21W/ 830/4P 1CT/10 BOX	40 mm	15 mm	27.5 mm	141 mm	49 mm	41 mm	138 mm

PL-Q 4 Pin

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

LLMF 2000 h Rated	90 %
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	Mercury (Hg)	Mercury (Hg)
		kWh/1000 h	Content (Max)	Content (Nom)
927938383040	PL-Q 21W/830/4P 1CT/10 BOX	23 kWh	3.0 mg	-
927939182740	PL-Q 16W/827/4P 1CT/10BOX	17 kWh	3 mg	4 mg
927939183040	PL-Q 16W/830/4P 1CT/10BOX	17 kWh	3 mg	4 mg
927939183540	PL-Q 16W/835/4P 1CT/10BOX	17 kWh	3 mg	4 mg
927939382740	PL-Q 28W/827/4P 1CT/10BOX	29 kWh	3 mg	4 mg
927939383040	PL-Q 28W/830/4P 1CT/10BOX	29 kWh	3 mg	4 mg
927939383540	PL-Q 28W/835/4P 1CT/10BOX	29 kWh	3 mg	4 mg
927939384040	PL-Q 28W/840/4P 1CT/10BOX	29 kWh	3 mg	4 mg
927939483040	PL-Q 38W/830/4P 1CT/10BOX	39 kWh	3 mg	4 mg
927939483540	PL-Q 38W/835/4P 1CT/10BOX	39 kWh	3 mg	4 mg
927939484040	PL-Q 38W/840/4P 1CT/10BOX	39 kWh	3 mg	4 mg

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
927938383040	PL-Q 21W/830/4P 1CT/10 BOX	0.260 A	21.0 W
927939182740	PL-Q 16W/827/4P 1CT/10BOX	0.195 A	16.2 W
927939183040	PL-Q 16W/830/4P 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
927939383040	PL-Q 28W/830/4P 1CT/10BOX	0.320 A	28.4 W

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

Order Code	Full Product Name	Life To 50% Failures Preheat (Nom)
927938383040	PL-Q 21W/830/4P 1CT/10 BOX	13000 h
927939182740	PL-Q 16W/827/4P 1CT/10BOX	13000 h
927939183040	PL-Q 16W/830/4P 1CT/10BOX	13000 h
927939183540	PL-Q 16W/835/4P 1CT/10BOX	13000 h
927939382740	PL-Q 28W/827/4P 1CT/10BOX	13000 h
927939383040	PL-Q 28W/830/4P 1CT/10BOX	13000 h

Order Code	Full Product Name	Life To 50% Failures Preheat (Nom)
927939383540	PL-Q 28W/835/4P 1CT/10BOX	13000 h
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 (1/3)

Order Code	Full Product Name	Chromaticity		Color	
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Designation
927938383040	PL-Q 21W/830/4P 1CT/10 BOX	-	-	830	Warm White (WW)
927939182740	PL-Q 16W/827/4P 1CT/10BOX	0.463	0.42	827	Incandescent White

Order Code	Full Product Name	Chromaticity		Color	
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Designation
927939183040	PL-Q 16W/830/4P 1CT/10BOX	0.44	0.403	830	Warm White (WW)
927939183540	PL-Q 16W/835/4P 1CT/10BOX	0.409	0.394	835	White (WH)

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Order Code	Full Product Name	Chromaticity	Chromaticity	Color	Color
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Designation
927939382740	PL-Q 28W/ 827/4P 1CT/ 10BOX	0.463	0.42	827	Incandescent White
927939383040	PL-Q 28W/ 830/4P 1CT/ 10BOX	0.44	0.403	830	Warm White (WW)
927939383540	PL-Q 28W/ 835/4P 1CT/ 10BOX	0.409	0.394	835	White (WH)
927939384040	PL-Q 28W/ 840/4P 1CT/ 10BOX	0.38	0.38	840	Cool White (CW)

Order Code	Full Product Name	Chromaticity	Chromaticity	Color	Color
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Designation
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 (2/3)

Order Code	Full Product Name	Correlated Color	Color	LLMF	LLMF	LLMF	LLMF	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)
		Temperature (Nom)	Rendering Index (Nom)	12000 h Rated	16000 h Rated	20000 h Rated	LLMF 4000 h Rated		
927938383040	PL-Q 21W/830/4P 1CT/10 BOX	3000 K	82	69 %	-	-	83 %	66.6 lm/W	1400 lm
927939182740	PL-Q 16W/827/4P 1CT/ 10BOX	2700 K	81	79 %	78 %	78 %	86 %	66.6 lm/W	1050 lm
927939183040	PL-Q 16W/830/4P 1CT/ 10BOX	3000 K	81	69 %	-	-	83 %	66.6 lm/W	1050 lm
927939183540	PL-Q 16W/835/4P 1CT/ 10BOX	3500 K	81	79 %	78 %	78 %	86 %	66.6 lm/W	1050 lm
927939382740	PL-Q 28W/827/4P 1CT/ 10BOX	2700 K	81	79 %	78 %	78 %	86 %	73.2 lm/W	2050 lm
927939383040	PL-Q 28W/830/4P 1CT/ 10BOX	3000 K	81	79 %	78 %	78 %	86 %	73.2 lm/W	2050 lm
927939383540	PL-Q 28W/835/4P 1CT/ 10BOX	3500 K	81	79 %	78 %	78 %	86 %	73.2 lm/W	2050 lm
927939384040	PL-Q 28W/840/4P 1CT/10BOX	4000 K	81	79 %	78 %	78 %	86 %	73.2 lm/W	2050 lm
927939483040	PL-Q 38W/830/4P 1CT/ 10BOX	3000 K	81	79 %	78 %	78 %	86 %	75 lm/W	2750 lm
927939483540	PL-Q 38W/835/4P 1CT/ 10BOX	3500 K	81	79 %	78 %	78 %	86 %	75 lm/W	2750 lm
927939484040	PL-Q 38W/840/4P 1CT/10BOX	4000 K	81	79 %	78 %	78 %	86 %	75 lm/W	2750 lm

Light Technical (3/3)

Order Code	Full Product Name	Luminous Flux (Rated) (Nom)	Order Code	Full Product Name	Luminous Flux (Rated) (Nom)
927938383040	PL-Q 21W/830/4P 1CT/10 BOX	1400 lm	927939383540	PL-Q 28W/835/4P 1CT/10BOX	2050 lm
927939182740	PL-Q 16W/827/4P 1CT/10BOX	1050 lm	927939384040	PL-Q 28W/840/4P 1CT/10BOX	2050 lm
927939183040	PL-Q 16W/830/4P 1CT/10BOX	1050 lm	927939483040	PL-Q 38W/830/4P 1CT/10BOX	2850 lm
927939183540	PL-Q 16W/835/4P 1CT/10BOX	1050 lm	927939483540	PL-Q 38W/835/4P 1CT/10BOX	2850 lm
927939382740	PL-Q 28W/827/4P 1CT/10BOX	2050 lm	927939484040	PL-Q 38W/840/4P 1CT/10BOX	2850 lm
927939383040	PL-Q 28W/830/4P 1CT/10BOX	2050 lm			

