



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.

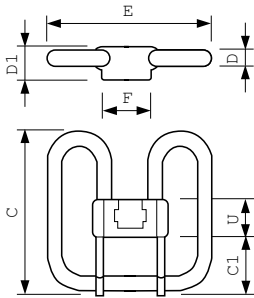
PL-Q 4 Pin

Versions



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 4 Pin

Approval and Application

Energy Efficiency Label (EEL)	A
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

Color Rendering Index (Nom)	82
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 kWh/1000 h
26988125	PL-Q 16W/827/4P 1CT/10	18 kWh
26989825	PL-Q 16W/830/4P 1CT/10BOX	18 kWh
27206525	PL-Q 16W/835/4P 1CT/10BOX	18 kWh
26991125	PL-Q 28W/827/4P 1CT/10BOX	31 kWh
26992825	PL-Q 28W/830/4P 1CT/10BOX	31 kWh
26967625	PL-Q 28W/835/4P 1CT/10BOX	31 kWh
26993525	PL-Q 28W/840/4P 1CT/10BOX	31 kWh
27172325	PL-Q 38W/830/4P 1CT/10BOX	42 kWh
27173025	PL-Q 38W/835/4P 1CT/10BOX	42 kWh
27174725	PL-Q 38W/840/4P 1CT/10BOX	42 kWh

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated)
26988125	PL-Q 16W/827/4P 1CT/10	0.195 A	16.0 W
26989825	PL-Q 16W/830/4P 1CT/10BOX	0.195 A	16.0 W
27206525	PL-Q 16W/835/4P 1CT/10BOX	0.195 A	16.0 W
26991125	PL-Q 28W/827/4P 1CT/10BOX	0.320 A	24.8 W
26992825	PL-Q 28W/830/4P 1CT/10BOX	0.320 A	24.8 W

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated)
26967625	PL-Q 28W/835/4P 1CT/10BOX	0.320 A	24.8 W
26993525	PL-Q 28W/840/4P 1CT/10BOX	0.320 A	24.8 W
27172325	PL-Q 38W/830/4P 1CT/10BOX	0.430 A	35.5 W
27173025	PL-Q 38W/835/4P 1CT/10BOX	0.430 A	35.5 W
27174725	PL-Q 38W/840/4P 1CT/10BOX	0.430 A	35.5 W

General Information

Order Code	Full Product Name	Life To 50% Failures Preheat (Nom)
26988125	PL-Q 16W/827/4P 1CT/10	13000 h
26989825	PL-Q 16W/830/4P 1CT/10BOX	13000 h
27206525	PL-Q 16W/835/4P 1CT/10BOX	13000 h
26991125	PL-Q 28W/827/4P 1CT/10BOX	13000 h
26992825	PL-Q 28W/830/4P 1CT/10BOX	13000 h

Order Code	Full Product Name	Life To 50% Failures Preheat (Nom)
26967625	PL-Q 28W/835/4P 1CT/10BOX	13000 h
26993525	PL-Q 28W/840/4P 1CT/10BOX	13000 h
27172325	PL-Q 38W/830/4P 1CT/10BOX	12000 h
27173025	PL-Q 38W/835/4P 1CT/10BOX	13000 h
27174725	PL-Q 38W/840/4P 1CT/10BOX	13000 h

Light Technical (1/2)

Order Code	Full Product Name	Color Code	Color Designation	Correlated	
				Color Temperature (Nom)	LLMF 12000 h Rated
26988125	PL-Q 16W/827/4P 1CT/10	827	Incandescent White	2700 K	79 %

Order Code	Full Product Name	Color Code	Color Designation	Correlated	
				Color Temperature (Nom)	LLMF 12000 h Rated
26989825	PL-Q 16W/830/4P 1CT/10BOX	830	Warm White (WW)	3000 K	69 %

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Order Code	Full Product Name	Color Code	Color Designation	Correlated	LLMF	Order Code	Full Product Name	Color Code	Color Designation	Correlated	LLMF
				Temperature (Nom)	12000 h Rated					Temperature (Nom)	12000 h Rated
27206525	PL-Q 16W/ 835/4P 1CT/ 10BOX	835	White (WH)	3500 K	79 %	26993525	PL-Q 28W/ 840/4P 1CT/ 10BOX	840	Cool White (CW)	4000 K	79 %
26991125	PL-Q 28W/ 827/4P 1CT/ 10BOX	827	Incandescent White	2700 K	79 %	27172325	PL-Q 38W/ 830/4P 1CT/ 10BOX	830	Warm White (WW)	3000 K	79 %
26992825	PL-Q 28W/ 830/4P 1CT/ 10BOX	830	Warm White (WW)	3000 K	79 %	27173025	PL-Q 38W/ 835/4P 1CT/ 10BOX	835	White (WH)	3500 K	79 %
26967625	PL-Q 28W/ 835/4P 1CT/ 10BOX	835	White (WH)	3500 K	79 %	27174725	PL-Q 38W/ 840/4P 1CT/ 10BOX	840	Cool White (CW)	4000 K	79 %

Light Technical (2/2)

Order Code	Full Product Name	LLMF 16000 h	LLMF 20000 h	LLMF 4000 h	LLMF 6000 h	Luminous Efficacy	Luminous Flux	Luminous Flux
		Rated	Rated	Rated	Rated	(rated) (Nom)	(Nom)	(Rated) (Nom)
26988125	PL-Q 16W/827/4P 1CT/10	78 %	78 %	86 %	83 %	66.6 lm/W	1050 lm	1050 lm
26989825	PL-Q 16W/830/4P 1CT/10BOX	-	-	83 %	78 %	66.6 lm/W	1050 lm	1050 lm
27206525	PL-Q 16W/835/4P 1CT/10BOX	78 %	78 %	86 %	83 %	66.6 lm/W	1050 lm	1050 lm
26991125	PL-Q 28W/827/4P 1CT/10BOX	78 %	78 %	86 %	83 %	73.2 lm/W	2050 lm	2050 lm
26992825	PL-Q 28W/830/4P 1CT/10BOX	78 %	78 %	86 %	83 %	73.2 lm/W	2050 lm	2050 lm
26967625	PL-Q 28W/835/4P 1CT/10BOX	78 %	78 %	86 %	83 %	73.2 lm/W	2050 lm	2050 lm
26993525	PL-Q 28W/840/4P 1CT/10BOX	78 %	78 %	86 %	83 %	73.2 lm/W	2050 lm	2050 lm
27172325	PL-Q 38W/830/4P 1CT/10BOX	78 %	78 %	86 %	83 %	75 lm/W	2850 lm	2850 lm
27173025	PL-Q 38W/835/4P 1CT/10BOX	78 %	78 %	86 %	83 %	75 lm/W	2850 lm	2850 lm
27174725	PL-Q 38W/840/4P 1CT/10BOX	78 %	78 %	86 %	83 %	75 lm/W	2850 lm	2850 lm

