



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

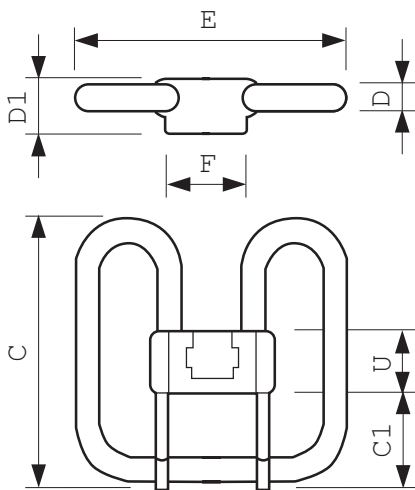
- Lamp light technical and electrical characteristics are influenced by operating conditions, i.e. lamp ambient temperature and operating position as well as applied HF control gear
- Shorter lamp life when often switching and not well pre-heated electrodes

Related products



GR10q, 4P

Dimensional drawing



GR10q, 4P

Product	C (Max)	C1 (Max)	D (Max)	D1 (Max)	E (Max)	F (Max)	U (Max)
PL-Q 16W/827/4P	141	51	15	27.5	138	41	40
PL-Q 16W/830/4P	141	51	15	27.5	138	41	40
PL-Q 16W/835/4P	141	51	15	27.5	138	41	40
PL-Q 28W/827/4P	207	77	24	33	205	41	49
PL-Q 28W/830/4P	207	77	24	33	205	41	49
PL-Q 28W/835/4P	207	77	24	33	205	41	49
PL-Q 28W/840/4P	207	77	24	33	205	41	49
PL-Q 38W/827/4P	207	77	24	33	205	41	49
PL-Q 38W/830/4P	207	77	24	33	205	41	49
PL-Q 38W/835/4P	207	77	24	33	205	41	49
PL-Q 38W/840/4P	207	77	24	33	205	41	49

General Characteristics (1/2)

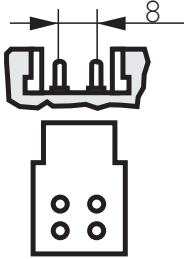
Order code	Full product name	Cap-Base	Life to 50% failures EM	Life to 50% fail Preheat EL,3h	Life to 50% fail Nonpreh EL,3h	Life to 10% fail Nonpreh EL,3h	Life to 10% fail Preheat EL,3h	Life to 10% fail-ures EM	LSF HF Preheat 20000h Rated,3h	LSF HF Preheat 12000h Rated,3h	LSF HF Preheat 8000h Rated,3h
927939182740	PL-Q 16W/827/4P 1CT	GR10q	10000	13000	6000	4000	8000	6000	4	60	89
927939183040	PL-Q 16W/830/4P 1CT	GR10q	10000	13000	6000	4000	8000	6000	4	60	89
927939183540	PL-Q 16W/835/4P 1CT	GR10q	10000	13000	6000	4000	8000	6000	4	60	89
927939382740	PL-Q 28W/827/4P 1CT	GR10q	10000	13000	6000	4000	8000	6000	4	60	89
927939383040	PL-Q 28W/830/4P 1CT	GR10q	10000	13000	6000	4000	8000	6000	4	60	89
927939383540	PL-Q 28W/835/4P 1CT	GR10q	10000	13000	6000	4000	8000	6000	4	60	89
927939384040	PL-Q 28W/840/4P 1CT	GR10q	10000	13000	6000	4000	8000	6000	4	60	89
927939482740	PL-Q 38W/827/4P 1CT	GR10q	10000	13000	6000	4000	8000	6000	4	60	89
927939483040	PL-Q 38W/830/4P 1CT	GR10q	10000	12000	6000	4000	8000	6000	4	60	89
927939483540	PL-Q 38W/835/4P 1CT	GR10q	10000	13000	6000	4000	8000	6000	4	60	89
927939484040	PL-Q 38W/840/4P 1CT	GR10q	10000	13000	6000	4000	8000	6000	4	60	89

General Characteristics (2/2)

Order code	Full product name	LSF HF Preheat 6000h Rated,3h	LSF HF Preheat 4000h Rated,3h	LSF HF Preheat 2000h Rated,3h	LSF HF Preheat 16000h Rated,3h
927939182740	PL-Q 16W/827/4P 1CT	95	98	99	22
927939183040	PL-Q 16W/830/4P 1CT	95	98	99	22
927939183540	PL-Q 16W/835/4P 1CT	95	98	99	22
927939382740	PL-Q 28W/827/4P 1CT	95	98	99	22
927939383040	PL-Q 28W/830/4P 1CT	95	98	99	22
927939383540	PL-Q 28W/835/4P 1CT	95	98	99	22
927939384040	PL-Q 28W/840/4P 1CT	95	98	99	22

Order code	Full product name	LSF HF Preheat 6000h Rated,3h	LSF HF Preheat 4000h Rated,3h	LSF HF Preheat 2000h Rated,3h	LSF HF Preheat 16000h Rated,3h
927939482740	PL-Q 38W/827/4P 1CT	95	98	99	22
927939483040	PL-Q 38W/830/4P 1CT	95	98	99	22
927939483540	PL-Q 38W/835/4P 1CT	95	98	99	22
927939484040	PL-Q 38W/840/4P 1CT	95	98	99	22

Installation diagrams



GR10q

Light Technical Characteristics (1/2)

Order code	Full product name	Color Code	Color Designation (text)	Chromaticity Coordinate X	Chromaticity Coordinate Y	Color Rendering Index	Color Temperature	LLMF HF 20000h Rated	LLMF HF 16000h Rated	LLMF HF 12000h Rated	LLMF HF 8000h Rated
927939182740	PL-Q 16W/827/4P 1CT	827	Incandescent White	463	420	82	2700	78	78	79	81
927939183040	PL-Q 16W/830/4P 1CT	830	Warm White	440	403	82	3000	-	-	69	74
927939183540	PL-Q 16W/835/4P 1CT	835	White	409	394	82	3500	78	78	79	81
927939382740	PL-Q 28W/827/4P 1CT	827	Incandescent White	463	420	82	2700	78	78	79	81
927939383040	PL-Q 28W/830/4P 1CT	830	Warm White	440	403	82	3000	78	78	79	81
927939383540	PL-Q 28W/835/4P 1CT	835	White	409	394	82	3500	78	78	79	81
927939384040	PL-Q 28W/840/4P 1CT	840	Cool White	380	380	82	4000	78	78	79	81
927939482740	PL-Q 38W/827/4P 1CT	827	Incandescent White	463	420	82	2700	78	78	79	81
927939483040	PL-Q 38W/830/4P 1CT	830	Warm White	440	403	82	3000	78	78	79	81
927939483540	PL-Q 38W/835/4P 1CT	835	White	409	394	82	3500	78	78	79	81
927939484040	PL-Q 38W/840/4P 1CT	840	Cool White	380	380	82	4000	78	78	79	81

Light Technical Characteristics (2/2)

Order code	Full product name	LLMF HF 6000h Rated	LLMF HF 4000h Rated	LLMF HF 2000h Rated	Lum Flux Rated HF 25°C,horiz	Lum Flux Nominal HF 25°C,horiz	Lum Efficacy Rated HF 25°C,hor	Design Temperature	Lum Efficacy Rated EM 25°C,hor	Lum Flux Nominal EM 25°C,horiz	Lum Flux Rated EM 25°C,horiz
927939182740	PL-Q 16W/827/4P 1CT	83	86	91	1050	1050	66	25	-	-	-
927939183040	PL-Q 16W/830/4P 1CT	78	83	90	1050	1050	66	25	-	-	-
927939183540	PL-Q 16W/835/4P 1CT	83	86	91	1050	1050	66	25	-	-	-
927939382740	PL-Q 28W/827/4P 1CT	83	86	91	2050	2050	83	25	-	-	-
927939383040	PL-Q 28W/830/4P 1CT	83	86	91	2050	2050	83	25	-	-	-
927939383540	PL-Q 28W/835/4P 1CT	83	86	91	2050	2050	83	25	-	-	-
927939384040	PL-Q 28W/840/4P 1CT	83	86	91	2050	2050	83	25	-	-	-
927939482740	PL-Q 38W/827/4P 1CT	83	86	91	2850	2850	80	25	-	-	-
927939483040	PL-Q 38W/830/4P 1CT	83	86	91	2850	2850	80	25	-	-	-
927939483540	PL-Q 38W/835/4P 1CT	83	86	91	2850	2850	80	25	-	-	-
927939484040	PL-Q 38W/840/4P 1CT	83	86	91	2850	2850	80	25	-	-	-

Electrical Characteristics

Order code	Full product name	Lamp Wattage	Dimmable	Lamp Current EL 25°C	Lamp Voltage EL 25°C	Lamp Current EM 25°C	Lamp Wattage EM 25°C, Rated	Lamp Wattage EL 25°C, Rated	Lamp Wattage EL 25°C, Nominal	Lamp Wattage EM 25°C, Nominal	Lamp Voltage EM 25°C
927939182740	PL-Q 16W/827/4P 1CT	16	Yes	0.180	93	0.195	16.0	16.0	16	16	103
927939183040	PL-Q 16W/830/4P 1CT	16	Yes	0.180	93	0.195	16.0	16.0	16	16	103
927939183540	PL-Q 16W/835/4P 1CT	16	Yes	0.180	93	0.195	16.0	16.0	16	16	103
927939382740	PL-Q 28W/827/4P 1CT	28	Yes	0.255	98	0.320	24.8	24.8	28	28	108
927939383040	PL-Q 28W/830/4P 1CT	28	Yes	0.255	98	0.320	24.8	24.8	28	28	108
927939383540	PL-Q 28W/835/4P 1CT	28	Yes	0.255	98	0.320	24.8	24.8	28	28	108
927939384040	PL-Q 28W/840/4P 1CT	28	Yes	0.255	98	0.320	24.8	24.8	28	28	108
927939482740	PL-Q 38W/827/4P 1CT	38	Yes	0.380	94.5	0.430	35.5	35.5	38	38	110
927939483040	PL-Q 38W/830/4P 1CT	38	Yes	0.380	94.5	0.430	35.5	35.5	38	38	110
927939483540	PL-Q 38W/835/4P 1CT	38	Yes	0.380	94.5	0.430	35.5	35.5	38	38	110
927939484040	PL-Q 38W/840/4P 1CT	38	Yes	0.380	94.5	0.430	35.5	35.5	38	38	110

Environmental Characteristics

Order code	Full product name	Energy Efficiency Label (EEL)	Mercury (Hg) Content
927939182740	PL-Q 16W/827/4P 1CT	B	4
927939183040	PL-Q 16W/830/4P 1CT	B	4
927939183540	PL-Q 16W/835/4P 1CT	B	4
927939382740	PL-Q 28W/827/4P 1CT	B	4
927939383040	PL-Q 28W/830/4P 1CT	B	4
927939383540	PL-Q 28W/835/4P 1CT	B	4
927939384040	PL-Q 28W/840/4P 1CT	B	4

Order code	Full product name	Energy Efficiency Label (EEL)	Mercury (Hg) Content
927939482740	PL-Q 38W/827/4P 1CT	B	4
927939483040	PL-Q 38W/830/4P 1CT	B	4
927939483540	PL-Q 38W/835/4P 1CT	B	4
927939484040	PL-Q 38W/840/4P 1CT	B	4



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data subject to change