

PL-Q 4 Pin

PL-Q 38W/835/4P 1CT

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.

Product data

• General Characteristics

Cap-Base	GR10q
Cap-Base Information	4P
Life to 10% fail	8000 hr
Preheat EL,3h	
Life to 10% fail	4000 hr
Nonpreh EL,3h	
Life to 50% fail	13000 hr
Preheat EL,3h	
Life to 50% fail	6000 hr
Nonpreh EL,3h	
LSF HF Preheat	99 %
2000h Rated,3h	
LSF HF Preheat	98 %
4000h Rated,3h	
LSF HF Preheat	95 %
6000h Rated,3h	
LSF HF Preheat	89 %
8000h Rated,3h	
LSF HF Preheat	60 %
12000h Rated,3h	
LSF HF Preheat	22 %
16000h Rated,3h	
LSF HF Preheat	4 %
20000h Rated,3h	

• Light Technical Characteristics

Color Code	835 [CCT of 3500K]
Color Rendering Index	82 Ra8
Color Designation (text)	White
Color Temperature	3500 K
Lum Flux Rated HF 25°C,horiz	2850 Lm

Lum Flux Nominal HF 25°C,horiz	2850 Lm
Lum Efficacy Rated HF 25°C,hor	80 Lm/W
LLMF HF 2000h Rated	91 %
LLMF HF 4000h Rated	86 %
LLMF HF 6000h Rated	83 %
LLMF HF 8000h Rated	81 %
LLMF HF 12000h Rated	79 %
LLMF HF 16000h Rated	78 %
LLMF HF 20000h Rated	78 %
Design Temperature	25 C
Chromaticity Coordinate X	409 -
Chromaticity Coordinate Y	394 -

• Electrical Characteristics

Lamp Wattage	38 W
Lamp Wattage EM 25°C, Nominal	38 W
Lamp Wattage EM 25°C, Rated	35.5 W
Lamp Wattage EL 25°C, Rated	35.5 W
Lamp Wattage EL 25°C, Nominal	38 W
Lamp Voltage EM 25°C	110 V

PHILIPS

PL-Q 4 Pin

Lamp Voltage EL 25°C	94.5 V
Lamp Current EM 25°C	0.430 A
Lamp Current EL 25°C	0.380 A
Dimmable	Yes

• Environmental Characteristics

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content	4 mg
Energy consumption kWh/1000h	42 kWh

• Product Dimensions

Overall Length C	207 (max) mm
Overall Length Rim C1	77 (max) mm
Diameter D	24 (max) mm

Diameter D1	33 (max) mm
Overall Width E	205 (max) mm
Width F	41 (max) mm
Cap Length U	49 (max) mm

• Product Data

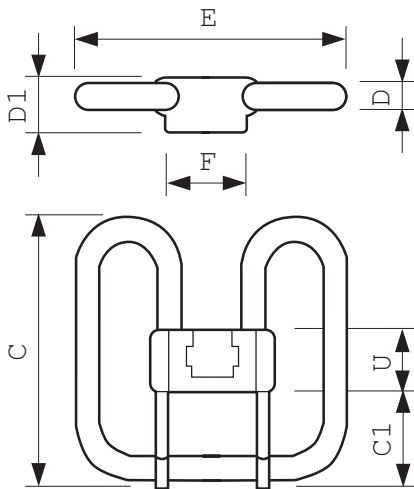
Order code	927939483540
Full product code	927939483540
Full product name	PL-Q 38W/835/4P 1CT
Order product name	PL-Q 38W/835/4P 1CT/10BOX
Pieces per pack	1
Packing configuration	10
Packs per outerbox	10
Bar code on pack - EAN1	8711500271730
Bar code on outerbox - EAN3	8711500271655
Logistic code(s) - 12NC	927939483540
ILCOS code	FSS-38/35/1B-E-GR10q
Net weight per piece	129.000 gr

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

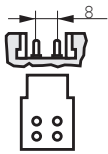
Dimensional drawing



PL-Q 38W/835/4P 1CT

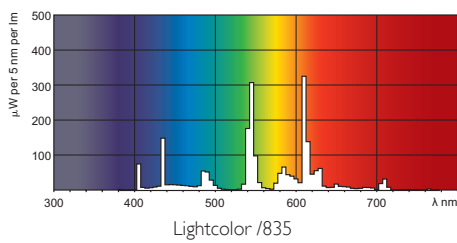
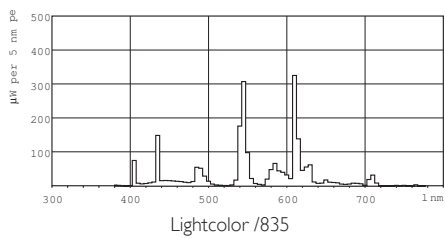
Product	C (Max)	C1 (Max)	D (Max)	D1 (Max)	E (Max)	F (Max)	U (Max)
PL-Q 38W/835/4P	207	77	24	33	205	41	49

Dimensional drawing



GR10q

Photometric data



© 2014 Koninklijke Philips N.V. (Royal Philips)
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

www.philips.com/lighting

2014, June 19
data subject to change