

# PL-Q 2 Pin

PL-Q 16W/830/2P 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 2-pin version is designed for operation on electromagnetic gear.

## Product data

### • General Characteristics

Cap-Base	GR8
Cap-Base Information	2P
Life to 10% failures EM	6000 hr
Life to 50% failures EM	10000 hr
LSF EM 2000h Rated, 3h cycle	99 %
LSF EM 4000h Rated, 3h cycle	96 %
LSF EM 6000h Rated, 3h cycle	89 %
LSF EM 8000h Rated, 3h cycle	73 %
LSF EM 12000h Rated, 3h cycle	26 %
LSF EM 16000h Rated, 3h cycle	3 %
LSF EM 20000h Rated, 3h cycle	0 %

### • Light Technical Characteristics

Color Code	830 [CCT of 3000K]
Color Rendering Index	82 Ra8
Color Designation (text)	Warm White
Color Temperature	3000 K
Luminous Flux EM 25°C, Rated	1050 Lm
Luminous Flux EM 25°C, Nominal	1050 Lm
Lum Flux Rated EM 25°C, horiz	1050 Lm

Lum Flux Nominal EM 25°C, horiz	1050 Lm
Lum Efficacy Rated EM 25°C	66 Lm/W
Lum Efficacy Rated EM 25°C, hor	66 Lm/W
LLMF EM 2000h Rated	91 %
LLMF EM 4000h Rated	85 %
LLMF EM 6000h Rated	82 %
LLMF EM 8000h Rated	80 %
LLMF EM 12000h Rated	79 %
LLMF EM 16000h Rated	78 %
LLMF EM 20000h Rated	77 %
Design Temperature	25 C
Chromaticity Coordinate X	440 -
Chromaticity Coordinate Y	403 -

### • Electrical Characteristics

Lamp Wattage	16 W
Lamp Wattage EM 25°C, Nominal	16 W
Lamp Wattage EM 25°C, Rated	16.0 W
Lamp Voltage EM 25°C	103 V
Lamp Current EM 25°C	0.195 A

**PHILIPS**

## PL-Q 2 Pin

Dimmable No

Cap Length U 40 (max) mm

### • Environmental Characteristics

Energy Efficiency Label (EEL) B  
 Mercury (Hg) Content 4.0 mg  
 Energy consumption kWh/1000h 20 kWh

### • Product Dimensions

Overall Length C 141 (max) mm  
 Overall Length Rim C1 51 (max) mm  
 Diameter D 15 (max) mm  
 Diameter D1 27.5 (max) mm  
 Overall Width E 138 (max) mm  
 Width F 41 (max) mm

### • Product Data

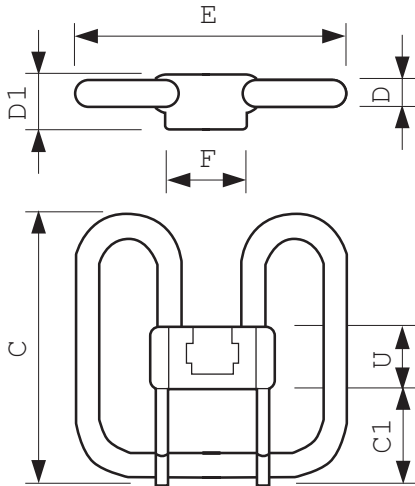
Order code 927939083040  
 Full product code 927939083040  
 Full product name PL-Q 16W/830/2P 1CT  
 Order product name PL-Q 16W/830/2P 1CT/10BOX  
 Pieces per pack 1  
 Packing configuration 10  
 Packs per outerbox 10  
 Bar code on pack - EAN1 8711500269874  
 Bar code on outerbox - EAN3 8711500270016  
 Logistic code(s) - 12NC 927939083040  
 ILCOS code FSS-16/30/1B-I-GR8  
 Net weight per piece 68.000 gr

## 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

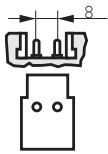
## Dimensional drawing



### PL-Q 16W/830/2P 1CT

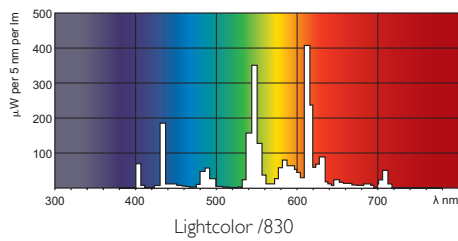
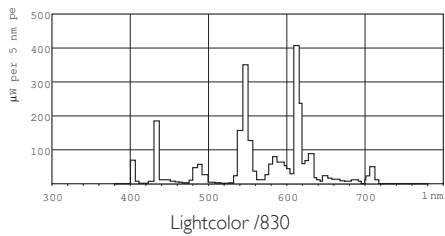
Product	C (Max)	C1 (Max)	D (Max)	D1 (Max)	E (Max)	F (Max)	U (Max)
PL-Q 16W/830/2P	141	51	15	27.5	138	41	40

Dimensional drawing



GR8

Photometric data



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data subject to change