

PL-Q 4 Pin

PL-Q 28W/835/4P 1CT

Compact fluorescent lamps with a quadrant-like shape

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

Colour Code	835 [CCT of 3500K]
Colour Rendering Index	82 Ra8
Colour Designation	White
Colour Temperature	3500 K
Lum Flux Rated HF	2050 Lm
25°C,horiz	
Lum Flux Nominal	2050 Lm
HF 25°C,horiz	

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

• Electrical Characteristics

Lamp Wattage	28 W
Lamp Wattage EM	28 W
25°C, Nominal	
Lamp Wattage EM	24.8 W
25°C, Rated	
Lamp Wattage EL	24.8 W
25°C, Rated	
Lamp Wattage EL	28 W
25°C, Nominal	
Lamp Voltage EM	108 V
25°C	
Lamp Voltage EL	98 V
25°C	

PHILIPS

PL-Q 4 Pin

Lamp Current EM 25°C	0.320 A
Lamp Current EL 25°C	0.255 A
Dimmable	yes

• Environmental Characteristics

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content	4 mg
Energy consumption kWh/1000h	31 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

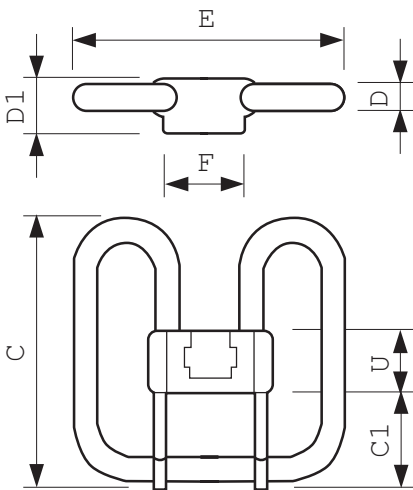
Order code	269676 25
Full product code	871150026967625
Full product name	PL-Q 28W/835/4P 1CT
Order product name	PL-Q 28W/835/4P 1CT/10BOX
Pieces per pack	1
Packing configuration	10
Packs per outerbox	10
Bar code on pack - EAN1	8711500269676
Bar code on outerbox - EAN3	8711500269027
Logistic code(s) - 12NC	927939383540
ILCOS code	FSS-28/35/1B-E-GR10q
Net weight per piece	127.000 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

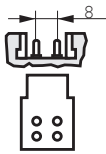
Dimensional drawing



PL-Q 28W/835/4P 1CT

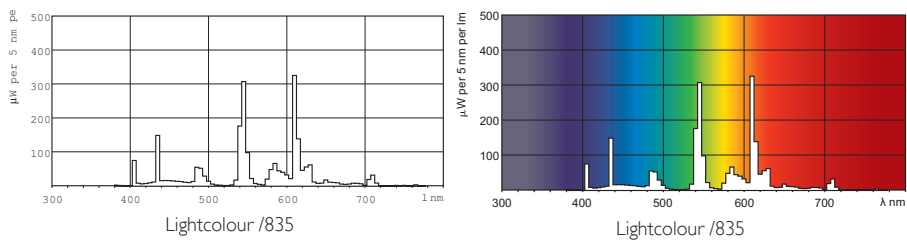
Product	C (Max)	C1 (Max)	D (Max)	D1 (Max)	E (Max)	F (Max)	U (Max)
PL-Q 28W/835/4P	207	77	24	33	205	41	49

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