



PL-Q 4 Pin

PL-Q 16W/835/4P 1CT

Compact fluorescent lamps with a quadrant-like shape

Product data

• General Characteristics

Cap-Base	GR10q
Cap-Base Information	4P
Life to 50% failures EM	10000 hr
Life to 50% fail Preheat EL,3h	13000 hr
Life to 50% fail Nonpreh EL,3h	6000 hr
Life to 10% fail Nonpreh EL,3h	4000 hr
Life to 10% fail Preheat EL,3h	8000 hr
Life to 10% failures EM	6000 hr
LSF HF Preheat 20000h Rated,3h	4 %
LSF HF Preheat 16000h Rated,3h	22 %
LSF HF Preheat 12000h Rated,3h	60 %
LSF HF Preheat 8000h Rated,3h	89 %
LSF HF Preheat 6000h Rated,3h	95 %
LSF HF Preheat 4000h Rated,3h	98 %
LSF HF Preheat 2000h Rated,3h	99 %

• Light Technical Characteristics

Colour Code	835 [CCT of 3500K]
Colour Rendering Index	82 Ra8
Colour Designation	White
Colour Temperature	3500 K

Chromaticity Coordinate X	409 -
Chromaticity Coordinate Y	394 -
LLMF HF 20000h Rated	78 %
LLMF HF 16000h Rated	78 %
LLMF HF 12000h Rated	79 %
LLMF HF 8000h Rated	81 %
LLMF HF 6000h Rated	83 %
LLMF HF 4000h Rated	86 %
LLMF HF 2000h Rated	91 %
Lum Flux Rated HF 25°C,horiz	1050 Lm
Lum Flux Nominal HF 25°C,horiz	1050 Lm
Lum Efficacy Rated HF 25°C,hor	66 Lm/W
Design Temperature	25 C

• Electrical Characteristics

Lamp Wattage	16 W
Lamp Voltage EL 25°C	93 V
Lamp Current EL 25°C	0.180 A
Dimmable	yes
Lamp Current EM 25°C	0.195 A

PHILIPS

sense and simplicity

PL-Q 4 Pin

Lamp Wattage EM 25°C, Rated	16.0 W
Lamp Wattage EL 25°C, Rated	16.0 W
Lamp Wattage EL 25°C, Nominal	16 W
Lamp Wattage EM 25°C, Nominal	16 W
Lamp Voltage EM 25°C	103 V

• Environmental Characteristics

Energy Efficiency Label (EEL)	B
Mercury (Hg) Content	4 mg

• 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
Cap Length U	40 (max) mm

• Product Data

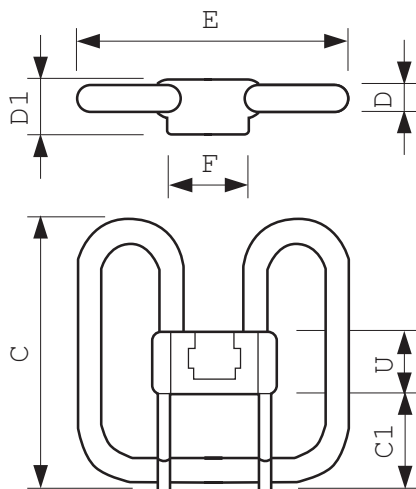
Order code	272065 25
Full product code	871150027206525
Full product name	PL-Q 16W/835/4P 1CT
Order product name	PL-Q 16W/835/4P 1CT/10BOX
Pieces per pack	1
Packing configuration	10
Packs per outerbox	10
Bar code on pack - EAN1	8711500272065
Bar code on outerbox - EAN3	8711500270047
Logistic code(s) - 12NC	927939183540
ILCOS code	FSS-16/35/1B-E-GR10q
Net weight per piece	68.000 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

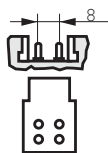
Dimensional drawing



GR10q, 4P

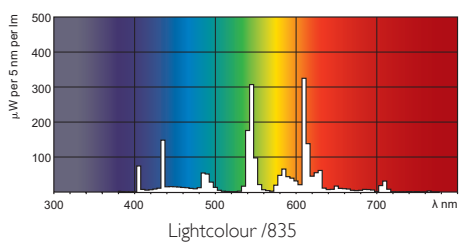
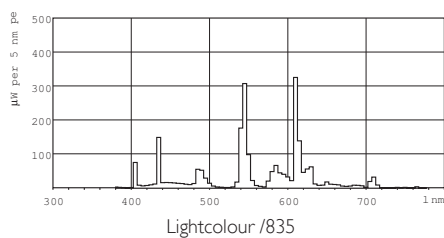
Product	C (Max)	C1 (Max)	D (Max)	D1 (Max)	E (Max)	F (Max)	U (Max)
PL-Q 16W/835/4P	141	51	15	27.5	138	41	40

Dimensional drawing



GR10q

Photometric data



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data subject to change