

PL-Q 4 Pin

PL-Q 28W/840/4P 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% failures EM	6000 hr
Life to 10% fail Preheat EL,3h	8000 hr
Life to 10% fail Nonpreh EL,3h	4000 hr
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
LSF HF Preheat 2000h Rated,3h	99 %
LSF HF Preheat 4000h Rated,3h	98 %
LSF HF Preheat 6000h Rated,3h	95 %
LSF HF Preheat 8000h Rated,3h	89 %
LSF HF Preheat 12000h Rated,3h	60 %
LSF HF Preheat 16000h Rated,3h	22 %
LSF HF Preheat 20000h Rated,3h	4 %

• Light Technical Characteristics

Color Code	840 [CCT of 4000K]
Color Rendering Index	82 Ra8
Color Designation (text)	Cool White

Color Temperature	4000 K
Lum Flux Rated HF 25°C,horiz	2050 Lm
Lum Flux Nominal HF 25°C,horiz	2050 Lm
Lum Efficacy Rated HF 25°C,hor	83 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	380 -
Chromaticity Coordinate Y	380 -

• Electrical Characteristics

Lamp Wattage	28 W
Lamp Wattage EM 25°C, Nominal	28 W
Lamp Wattage EM 25°C, Rated	24.8 W
Lamp Wattage EL 25°C, Rated	24.8 W

PHILIPS

PL-Q 4 Pin

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

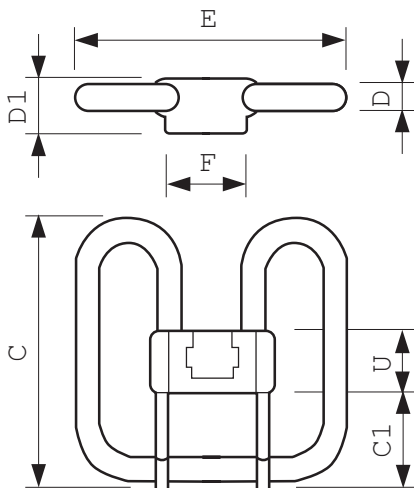
Order code	927939384040
Full product code	927939384040
Full product name	PL-Q 28W/840/4P 1CT
Order product name	PL-Q 28W/840/4P 1CT/10BOX
Pieces per pack	1
Packing configuration	10
Packs per outerbox	10
Bar code on pack - EAN1	8711500269935
Bar code on outerbox - EAN3	8711500270078
Logistic code(s) - 12NC	927939384040
ILCOS code	FSS-28/40/1B-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

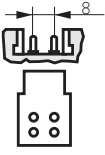
Dimensional drawing



PL-Q 28W/840/4P 1CT

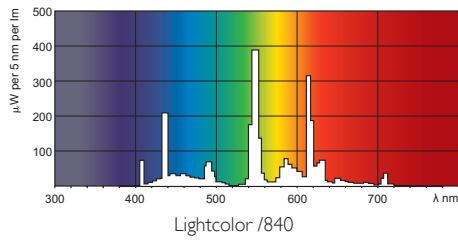
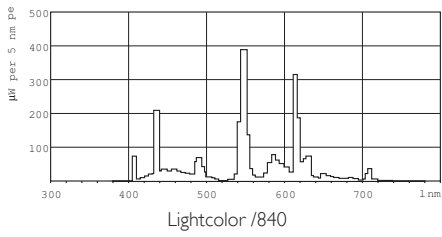
Product	C (Max)	C1 (Max)	D (Max)	D1 (Max)	E (Max)	F (Max)	U (Max)
PL-Q 28W/840/4P	207	77	24	33	205	41	49

Dimensional drawing



GR10q

Photometric data



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