



# PL-Q 2 Pin

# PL-Q 28W/827/2P 1CT/10BOX

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.

#### **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
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

### **Product data**

Cap-Base     GR8 [GR8]       Flux measurement reference     Sphere       Life to 50% Failures (Nom)     8,000 hour(s)       Light Technical     Color Code       Luminous Flux     2,050 lm       Color Designation     Incandescent White       Chromaticity Coordinate X (Nom)     0.463	General Information	
Light Technical  Color Code 827 [CCT of 2700K]  Luminous Flux 2,050 lm  Color Designation Incandescent White  Chromaticity Coordinate X (Nom) 0.463	Cap-Base	GR8 [GR8]
Light Technical  Color Code 827 [CCT of 2700K]  Luminous Flux 2,050 lm  Color Designation Incandescent White  Chromaticity Coordinate X (Nom) 0.463	Flux measurement reference	Sphere
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Color Designation Incandescent White Chromaticity Coordinate X (Nom) 0.463	Color Code	827 [CCT of 2700K]
Chromaticity Coordinate X (Nom) 0.463	Luminous Flux	2,050 lm
	Color Designation	Incandescent White
	Chromaticity Coordinate X (Nom)	0.463
Chromaticity Coordinate Y (Nom) 0.42	Chromaticity Coordinate Y (Nom)	0.42
Correlated Color Temperature (Nom) 2700 K	Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom) 73.2 lm/W	Luminous Efficacy (rated) (Nom)	73.2 lm/W

Color rendering index (CRI)	81
Operating and Electrical	
Power Consumption	28.4 W
Lamp Current (Nom)	0.320 A
Controls and Dimming	
Dimmable	No
Approval and Application	
Energy Efficiency Class	G
Mercury (Hg) Content (Max)	3 mg
Mercury (Hg) Content (Nom)	4.0 mg

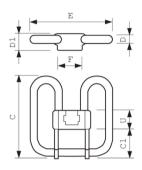
Datasheet, 2023, May 1 data subject to change

# PL-Q 2 Pin

Energy Consumption kWh/1000 h	29 kWh
EPREL Registration Number	423609
Product Data	
Order product name	PL-Q 28W/827/2P 1CT/10BOX
Full product name	PL-Q 28W/827/2P 1CT/10BOX
Full product code	871150027454025
Order code	27454025

Material Nr. (12NC)	927939282740
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8711500274540
Numerator - Packs per outer box	10
EAN/UPC - Case	8711500274588

## Dimensional drawing

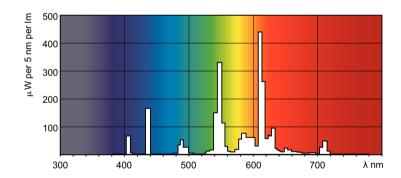


 Product
 U (max)
 D (max)
 D1 (max)
 C (max)
 C1 (max)
 F (max)
 E (max)

 PL-Q 28W/827/2P
 46.5 mm
 18.9 mm
 33.0 mm
 203 mm
 76 mm
 41 mm
 200 mm

 1CT/10BOX

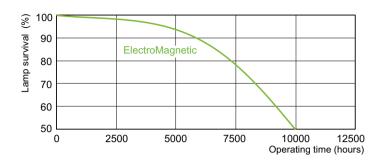
## Photometric data

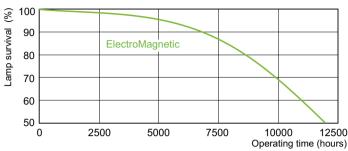


Spectral Power Distribution Colour - PL-Q 28W/827/2P 1CT/10BOX

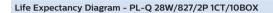
## PL-Q 2 Pin

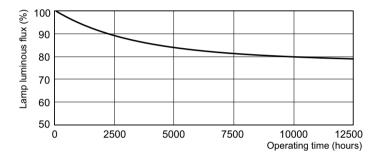
#### Lifetime





#### Life Expectancy Diagram - PL-Q 28W/827/2P 1CT/10BOX





Lumen Maintenance Diagram - PL-Q 28W/827/2P 1CT/10BOX



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