



5.5PL-C/LED/13V/827/IF5/P/4P 20/1

Philips PLED 4-pin & 2-pin lamps are an affordable LED solution to replace compact flourescent lamps. The product provides a natural lighting effect for use in many lighting applications, and provides instant energy savings, making them an environmentally-friendly solution. Available as replacements for 13W, 26W and 32W compact fluorescent lamps.

Product data

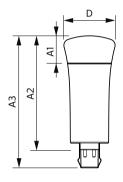
General Information	
Cap-Base	G24Q [G24q]
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	150 degree(s)
Luminous Flux	520 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Correlated Color Temperature (Nom) Luminous Efficacy (rated) (Nom)	2700 K 94.00 lm/W
Luminous Efficacy (rated) (Nom)	94.00 lm/W
Luminous Efficacy (rated) (Nom) Color Consistency	94.00 lm/W <6
Luminous Efficacy (rated) (Nom) Color Consistency Color rendering index (CRI)	94.00 lm/W <6 82
Luminous Efficacy (rated) (Nom) Color Consistency Color rendering index (CRI)	94.00 lm/W <6 82
Luminous Efficacy (rated) (Nom) Color Consistency Color rendering index (CRI) LLMF At End Of Nominal Lifetime (Nom)	94.00 lm/W <6 82
Luminous Efficacy (rated) (Nom) Color Consistency Color rendering index (CRI) LLMF At End Of Nominal Lifetime (Nom) Operating and Electrical	94.00 lm/W <6 82 70 %
Luminous Efficacy (rated) (Nom) Color Consistency Color rendering index (CRI) LLMF At End Of Nominal Lifetime (Nom) Operating and Electrical Line Frequency	94.00 lm/W <6 82 70 % 25000-100000 Hz

Lamp Current (Max)	280 mA
Lamp Current (Min)	130 mA
Wattage Equivalent	13 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	14-60 V
UL Type	UL Type A
Temperature	
Ambient temperature range	-4 °F to 113 °F
T-Case Maximum (Nom)	158 °F
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	3-15/16 inch
Bulb Shape	PL-C

Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate
Energy Consumption kWh/1000 h	- kWh
Application Conditions	
can it be used in closed luminaires	Yes
Product Data	
Order product name	5.5PL-C/LED/13V/827/IF5/P/4P 20/1

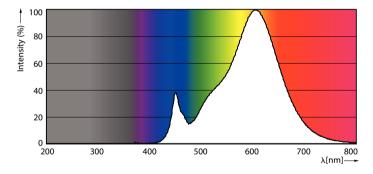
Full product name	5.5PL-C/LED/13V/827/IF5/P/4P 20/1
Order code	532432
Material Nr. (12NC)	929001885704
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677532437
Numerator - Packs per outer box	20
EAN/UPC - Case	50046677532432

Dimensional drawing

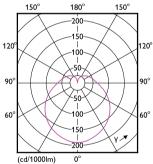


Product D A1 A2 A3 5.5PL-C/LED/13V/827/IF5/P/4P20/1 1-13/16 inch 1 inch 4 inch 4-5/8 inch

Photometric data

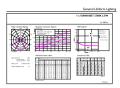


Spectral Power Distribution Colour - 5.5PL-C/LED/13V/827/IF5/P/4P 20/1



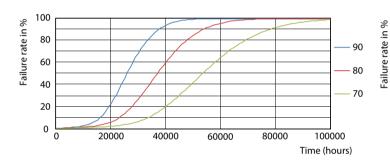
Light Distribution Diagram - 5.5PL-C/LED/13V/827/IF5/P/4P 20/1

Photometric data

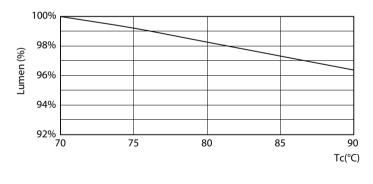


General uniform lighting - 5.5PL-C/LED/13V/827/IF5/P/4P 20/1





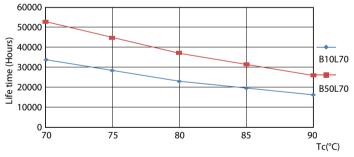
Life Expectancy Diagram - 5.5PL-C/LED/13V/827/IF5/P/4P 20/1

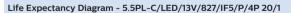




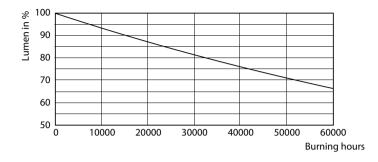
Life Expectancy Diagram - 5.5PL-C/LED/13V/827/IF5/P/4P 20/1

Time (hours)





Lifetime



Lumen Maintenance Diagram - 5.5PL-C/LED/13V/827/IF5/P/4P 20/1



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www.lighting.philips.com 2023, November 3 - data subject to change