



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

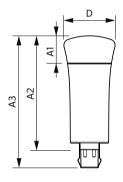
General Information				
Cap-Base	G24Q [G24q]			
Nominal lifetime	50,000 hour(s)			
Switching Cycle	50,000			
Lighting Technology	LED			
EU RoHS compliant	Yes			
Light Technical				
Color Code	827 [CCT of 2700K]			
Beam Angle (Nom)	150 degree(s)			
Luminous Flux	520 lm			
	Warm White (WW)			
Color Designation	Warm White (WW)			
Color Designation Correlated Color Temperature (Nom)	Warm White (WW) 2700 K			
Correlated Color Temperature (Nom)	2700 K			
Correlated Color Temperature (Nom) Luminous Efficacy (rated) (Nom)	2700 K 94.00 lm/W			
Correlated Color Temperature (Nom) Luminous Efficacy (rated) (Nom) Color Consistency	2700 K 94.00 lm/W <6			
Correlated Color Temperature (Nom) Luminous Efficacy (rated) (Nom) Color Consistency Color rendering index (CRI)	2700 K 94.00 lm/W <6 82			
Correlated Color Temperature (Nom) Luminous Efficacy (rated) (Nom) Color Consistency Color rendering index (CRI)	2700 K 94.00 lm/W <6 82			
Correlated Color Temperature (Nom) Luminous Efficacy (rated) (Nom) Color Consistency Color rendering index (CRI) LLMF At End Of Nominal Lifetime (Nom)	2700 K 94.00 lm/W <6 82			
Correlated Color Temperature (Nom) Luminous Efficacy (rated) (Nom) Color Consistency Color rendering index (CRI) LLMF At End Of Nominal Lifetime (Nom) Operating and Electrical	2700 K 94.00 lm/W <6 82 70 %			
Correlated Color Temperature (Nom) Luminous Efficacy (rated) (Nom) Color Consistency Color rendering index (CRI) LLMF At End Of Nominal Lifetime (Nom) Operating and Electrical Line Frequency	2700 K 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	-20 °C to 45 °C			
T-Case Maximum (Nom)	70 °C			
Controls and Dimming				
Dimmable	Yes			
Mechanical and Housing				
Bulb Finish	Frosted			
Bulb Material	Plastic			
Product Length	100 mm			
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

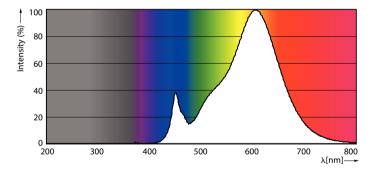
Full product name	5.5PL-C/LED/13V/827/IF5/P/4P 20/1
Order code	929001885704
Material Nr. (12NC)	929001885704
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677532437
Numerator - Packs per outer box	20
EAN/UPC - Case	50046677532432

Dimensional drawing

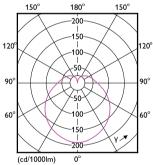


Product	D	A1	A2	A3
5.5PL-C/LED/13V/827/IF5/P/4P 20/1	45.7 mm	24.6 mm	101.6 mm	117.6 mm

Photometric data

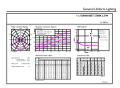


Spectral Power Distribution Colour - 5.5PL-C/LED/13V/827/IF5/P/4P 20/1



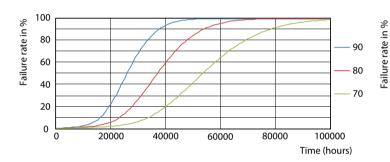
Light Distribution Diagram - 5.5PL-C/LED/13V/827/IF5/P/4P 20/1

Photometric data

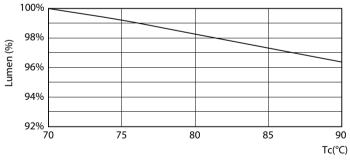


General uniform lighting - 5.5PL-C/LED/13V/827/IF5/P/4P 20/1





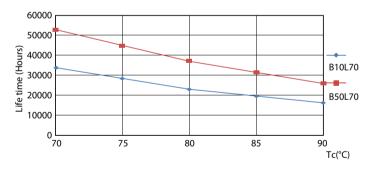
Life Expectancy Diagram - 5.5PL-C/LED/13V/827/IF5/P/4P 20/1

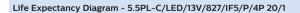




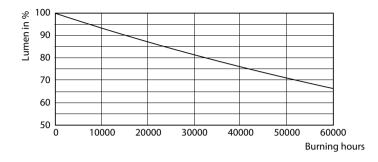
Life Expectancy Diagram - 5.5PL-C/LED/13V/827/IF5/P/4P 20/1

Time (hours)





Lifetime



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



© 2024 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2024, January 4 - data subject to change