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5.5PL-C/LED/13H/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			
Luminous Efficacy (rated) (Nom)	94.00 lm/W			
Color Consistency	<6			
Color rendering index (CRI)	82			
LLMF At End Of Nominal Lifetime (Nom)	70 %			
Operating and Electrical				
Line Frequency	25000-100000 Hz			
Input Frequency	25000-100000 Hz			
Power Consumption	5.5 W			

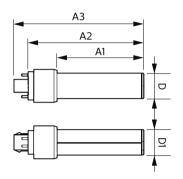
Lamp Current (Max)	280 mA			
Lamp Current (Min)	130 mA			
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	0.5 s			
Power Factor (Fraction)	0.9			
Voltage (Nom)	14-60 V			
UL Type	Type A - works on ballast			
Temperature				
Ambient temperature range	-4 °F to 113 °F			
T-Case Maximum (Nom)	167 °F			
Controls and Dimming				
Dimmable	Yes			
Mechanical and Housing				
Bulb Material	Plastic			
Product Length	5-9/16 inch			
Bulb Shape	PL-C			
Approval and Application				
Energy Saving Product	Yes			

Datasheet, 2023, November 12 data subject to change

Approval Marks	RoHS compliance UL certificate		
Energy Consumption kWh/1000 h	- kWh		
Product Data			
Order product name	5.5PL-C/LED/13H/827/IF5/P/4P 20/1		
Full product name	5.5PL-C/LED/13H/827/IF5/P/4P 20/1		
Order code	532390		

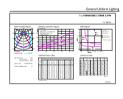
Material Nr. (12NC)	929001885304
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677532390
Numerator - Packs per outer box	20
EAN/UPC - Case	50046677532395

Dimensional drawing



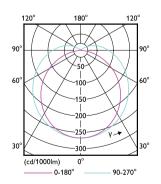
Product	D	D1	A1	A2	А3
5.5PL-	1-1/16 inch	1-1/16 inch	3-5/8 inch	4-13/16 inch	5-7/16 inch
C/LED/13H/827/IF5/P/4P					
20/1					

Photometric data

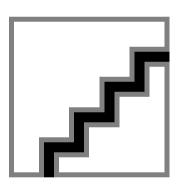




General uniform lighting - 5.5PL-C/LED/13H/827/IF5/P/4P 20/1



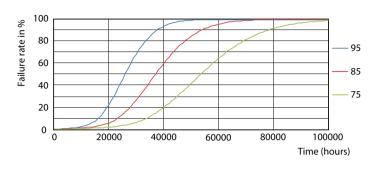
Light Distribution Diagram - 5.5PL-C/LED/13H/827/IF5/P/4P 20/1

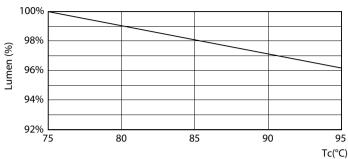


Spectral Power Distribution Colour - 5.5PL-C/LED/13H/827/IF5/P/4P 20/1

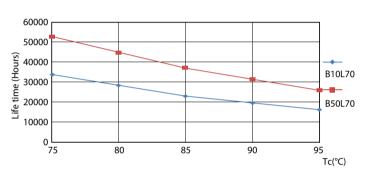
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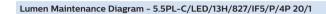
Lifetime

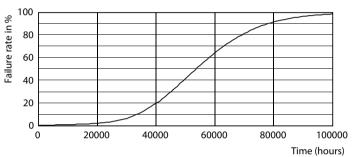




Life Expectancy Diagram - 5.5PL-C/LED/13H/827/IF5/P/4P 20/1

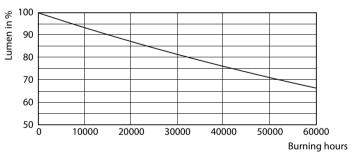






Life Expectancy Diagram - 5.5PL-C/LED/13H/827/IF5/P/4P 20/1





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

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