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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

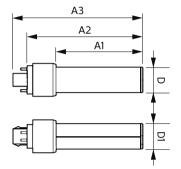
General Information				
Cap-Base	G24Q [G24q]			
Nominal lifetime	50,000 hour(s)			
Switching Cycle	50,000			
Lighting Technology	LED			
EU RoHS compliant	Yes			
Light Technical				
Color Code	827 [CCT of 2700K]			
Beam Angle (Nom)	150 degree(s)			
Luminous Flux	520 lm			
Color Designation	Warm White (WW)			
Correlated Color Temperature (Nom)	2700 K			
Luminous Efficacy (rated) (Nom)	94.00 lm/W			
Color Consistency	<6			
Color rendering index (CRI)	82			
	02			
LLMF At End Of Nominal Lifetime (Nom)	70 %			
LLMF At End Of Nominal Lifetime (Nom)				
LLMF At End Of Nominal Lifetime (Nom) Operating and Electrical				
Operating and Electrical	70 %			
Operating and Electrical Line Frequency	70 % 25000-100000 Hz			

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	-20 ℃ to 45 ℃				
T-Case Maximum (Nom)	75 ℃				
Controls and Dimming					
Dimmable	Yes				
Mechanical and Housing					
Bulb Material	Plastic				
Product Length	140 mm				
Bulb Shape	PL-C				
Approval and Application					
Energy Saving Product	Yes				

RoHS compliance UL certificate			
– kWh			
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532390			

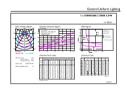
Material Nr. (12NC)	929001885304
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677532390
Numerator - Packs per outer box	20
EAN/UPC - Case	50046677532395

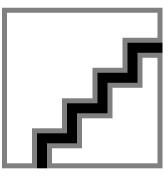
Dimensional drawing



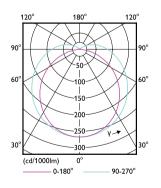
Product	D	D1	A1	A2	A3
5.5PL-C/LED/13H/827/IF5/P/4P 20/1	27 mm	27 mm	91.5 mm	122.4 mm	137.4 mm

Photometric data





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

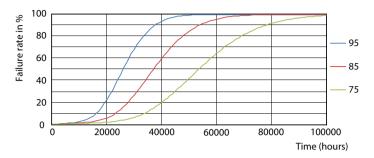


Light Distribution Diagram - 5.5PL-C/LED/13H/827/IF5/P/4P 20/1

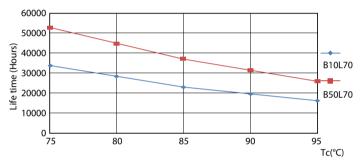
Spectral Power Distribution Colour - 5.5PL-C/LED/13H/827/IF5/P/4P 20/1

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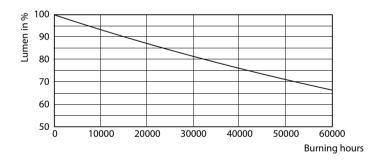
Lifetime



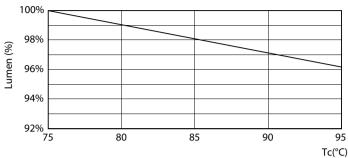
Life Expectancy Diagram - 5.5PL-C/LED/13H/827/IF5/P/4P 20/1



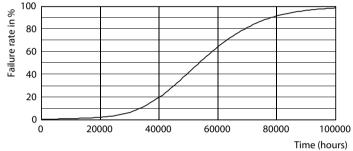
Life Expectancy Diagram - 5.5PL-C/LED/13H/827/IF5/P/4P 20/1



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



Lumen Maintenance 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

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www.lighting.philips.com 2023, May 15 - data subject to change