



5PL-C/LED/13V/830/IF5/P/2P 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	GX23-2 [GX23-2]				
Nominal lifetime	50,000 hour(s)				
Switching Cycle	50,000				
Lighting Technology	LED				
EU RoHS compliant	Yes				
Light Technical					
Color Code	830 [CCT of 3000K]				
Beam Angle (Nom)	150 degree(s)				
Luminous Flux	550 lm				
Color Designation	White (WH)				
Correlated Color Temperature (Nom)	3000 K				
Luminous Efficacy (rated) (Nom)	110.00 lm/W				
Color Consistency	<6				
Color rendering index (CRI)	82				
LLMF At End Of Nominal Lifetime (Nom)	70 %				
Operating and Electrical					
Line Frequency	50 to 60 Hz				
Input Frequency	50 to 60 Hz				
Power Consumption	5 W				

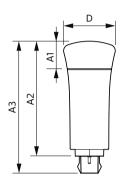
Lamp Current (Max)	50 mA				
Lamp Current (Min)	15 mA				
Starting Time (Nom)	0.5 s				
Warm-up time to 60% light	0.5 s				
Power Factor (Fraction)	0.9				
Voltage (Nom)	120-277 V				
UL Type	Type A - works on ballast				
Temperature					
Ambient temperature range	-20 °C to 45 °C				
T-Case Maximum (Nom)	70 °C				
Controls and Dimming					
Dimmable	No				
Mechanical and Housing					
Bulb Material	Plastic				
Product Length	100 mm				
Bulb Shape	Tube, single-ended				
Approval and Application					
Energy Saving Product	Yes				

Datasheet, 2023, November 12 data subject to change

Approval Marks	UL certificate RoHS compliance				
Energy Consumption kWh/1000 h	- kWh				
Product Data					
Order product name	5PL-C/LED/13V/830/IF5/P/2P 20/1				
Full product name	5PL-C/LED/13V/830/IF5/P/2P 20/1				
Order code	929001885004				

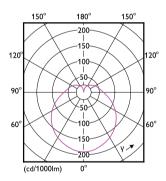
Material Nr. (12NC)	929001885004
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677532369
Numerator - Packs per outer box	20
EAN/UPC - Case	50046677532364

Dimensional drawing

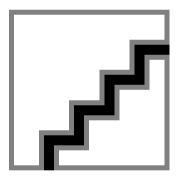


Product	D	A1	A2	А3
5PL-C/LED/13V/830/IF5/P/2P 20/1	45.7 mm	24.6 mm	101.6 mm	117.6 mm

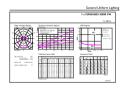
Photometric data







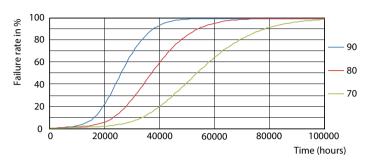
Spectral Power Distribution Colour - 5PL-C/LED/13V/830/IF5/P/2P 20/1

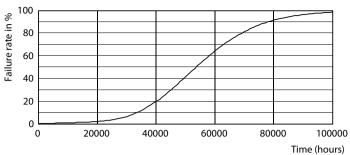


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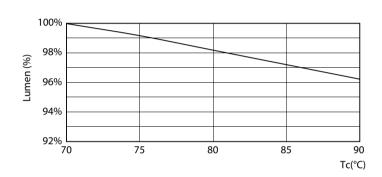
General uniform lighting - 5PL-C/LED/13V/830/IF5/P/2P 20/1

Lifetime

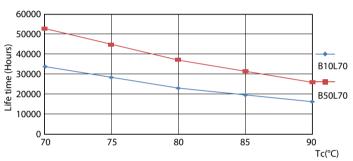




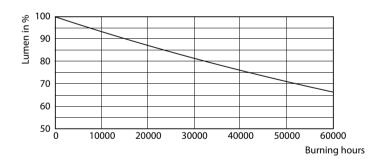
Life Expectancy Diagram - 5PL-C/LED/13V/830/IF5/P/2P 20/1



Life Expectancy Diagram - 5PL-C/LED/13V/830/IF5/P/2P 20/1



Lumen Maintenance Diagram - 5PL-C/LED/13V/830/IF5/P/2P 20/1



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