



5PL-C/LED/13H/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)	n) 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	140 mm				
Bulb Shape	Tube, single-ended				
Approval and Application					
Energy Saving Product Yes					

Datasheet, 2023, November 12 data subject to change

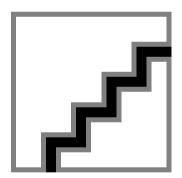
Approval Marks	UL certificate RoHS compliance
Energy Consumption kWh/1000 h	- kWh
Product Data	
Order product name	5PL-C/LED/13H/830/IF5/P/2P 20/1
Full product name	5PL-C/LED/13H/830/IF5/P/2P 20/1
Order code	929001884604

Material Nr. (12NC)	929001884604
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677532314
Numerator - Packs per outer box	20
EAN/UPC - Case	50046677532319

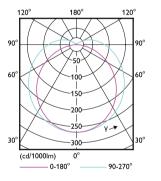
Dimensional drawing

Product	D	D1	A1	A2	А3
5PL-C/LED/13H/830/IF5/P/2P 20/1	27 mm	27 mm	91.5 mm	122.4 mm	137.4 mm

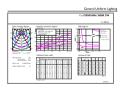
Photometric data



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



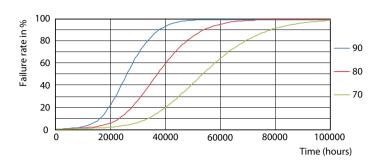
Light Distribution Diagram - 5PL-C/LED/13H/830/IF5/P/2P 20/1



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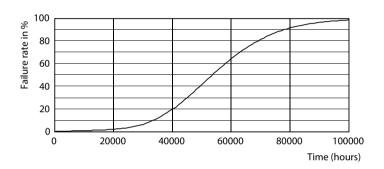
General uniform lighting - 5PL-C/LED/13H/830/IF5/P/2P 20/1

Lifetime



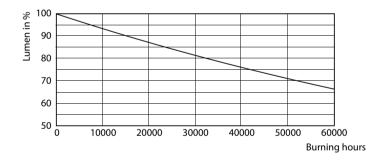
Lumen Maintenance Diagram - 5PL-C/LED/13H/830/IF5/P/2P 20/1





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

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



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



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