



# 5PL-C/LED/13V/840/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	840 [CCT of 4000K]			
Beam Angle (Nom)	150 degree(s)			
Luminous Flux	580 lm			
Color Designation	Cool White (CW)			
Correlated Color Temperature (Nom)	4000 K			
Luminous Efficacy (rated) (Nom)	116.00 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			

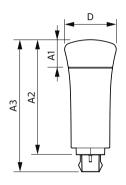
Lamp Current (Max)	50 mA			
Lamp Current (Min)	15 mA			
Wattage Equivalent	13 W			
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	0.5 s			
Power Factor (Fraction)	0.9			
Voltage (Nom)	120-277 V			
UL Type	Type A - works on ballast			
Temperature				
Ambient temperature range	-20 °C to 45 °C			
T-Case Maximum (Nom)	70 ℃			
Controls and Dimming				
Dimmable	No			
Mechanical and Housing				
Bulb Finish	Frosted			
Bulb Material	Plastic			
Product Length	100 mm			
Bulb Shape	Tube, single-ended			

Datasheet, 2023, May 15 data subject to change

Approval and Application				
Energy Saving Product	Yes			
Approval Marks	UL certificate RoHS compliance			
Energy Consumption kWh/1000 h	- kWh			
Product Data				
Order product name	5PL-C/LED/13V/840/IF5/P/2P 20/1			
Full product name	5PL-C/LED/13V/840/IF5/P/2P 20/1			

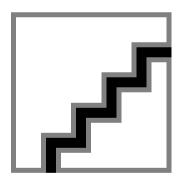
Order code	532382		
Material Nr. (12NC)	929001885204		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	046677532383		
Numerator - Packs per outer box	20		
EAN/UPC - Case	50046677532388		
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#### Dimensional drawing

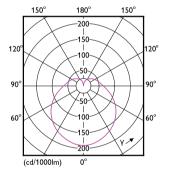


Product	D	A1	A2	А3
5PL-C/LED/13V/840/IF5/P/2P 20/1	45.7 mm	24.6 mm	101.6 mm	117.6 mm

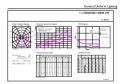
#### Photometric data



Spectral Power Distribution Colour - 5PL-C/LED/13V/840/IF5/P/2P 20/1

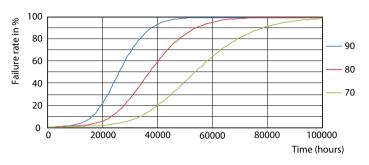


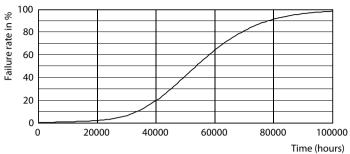
Light Distribution Diagram - 5PL-C/LED/13V/840/IF5/P/2P 20/1



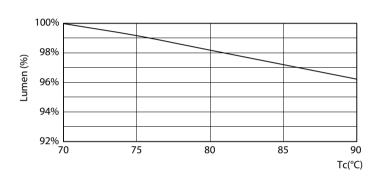
General uniform lighting - 5PL-C/LED/13V/840/IF5/P/2P 20/1

#### Lifetime

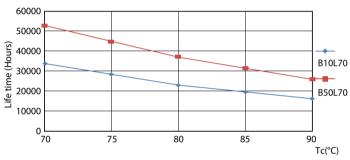




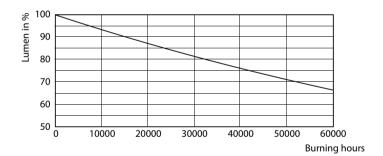
#### Life Expectancy Diagram - 5PL-C/LED/13V/840/IF5/P/2P 20/1



#### Life Expectancy Diagram - 5PL-C/LED/13V/840/IF5/P/2P 20/1



#### Lumen Maintenance Diagram - 5PL-C/LED/13V/840/IF5/P/2P 20/1



Life Expectancy Diagram - 5PL-C/LED/13V/840/IF5/P/2P 20/1

Lumen Maintenance Diagram - 5PL-C/LED/13V/840/IF5/P/2P 20/1



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