



5PL-C/LED/13H/835/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			
Nominal lifetime	50,000 hour(s)			
Switching Cycle	50,000			
Lighting Technology	LED			
Light Technical				
Color Code	835 [CCT of 3500K]			
Beam Angle (Nom)	150 degree(s)			
Luminous Flux	550 lm			
Color Designation	White (WH)			
Luminous Efficacy (rated) (Nom)	110.00 lm/W			
Correlated Color Temperature (Nom)	3500 K			
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			

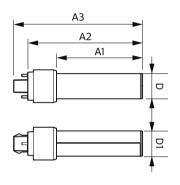
Lamp Current (Min)	15 mA				
Starting Time (Nom)	0.5 s				
Warm-up time to 60% light	0.5 s				
Power Factor (Fraction)	0.9				
Voltage (Nom)	120-277 V				
UL Type	Type A - works on ballast				
Temperature					
Ambient temperature range	-20 °C to 45 °C				
T-Case Maximum (Nom)	70 °C				
Controls and Dimming					
Dimmable	No				
Mechanical and Housing					
Bulb Material	Plastic				
Product Length	140 mm				
Bulb Shape	PL-C				
Approval and Application					
Energy Saving Product	Yes				
Approval Marks	UL certificate RoHS compliance				

Datasheet, 2023, May 15 data subject to change

Energy Consumption kWh/1000 h	- kWh
EU RoHS compliant	Yes
Product Data	
Order product name	5PL-C/LED/13H/835/IF5/P/2P 20/1
Full product name	5PL-C/LED/13H/835/IF5/P/2P 20/1
Order code	532333
Material Nr. (12NC)	929001884704

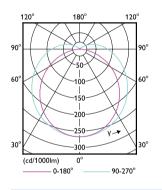
Numerator - Quantity Per Pack	1	
Net Weight (Piece)	0.064 kg	
EAN/UPC - Product/Case	046677532338	
Numerator - Packs per outer box	20	
EAN/UPC - Case	50046677532333	

Dimensional drawing



Product	D	D1	A1	A2	А3
5PL-C/LED/13H/835/IF5/P/2P 20/1	27 mm	27 mm	91.5 mm	122.4 mm	137.4 mm

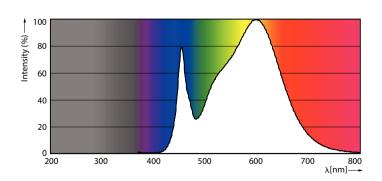
Photometric data





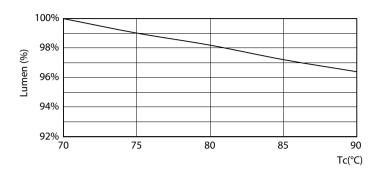
Light Distribution Diagram - 5PL-C/LED/13H/835/IF5/P/2P 20/1

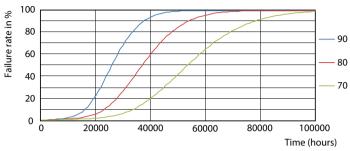




Spectral Power Distribution Colour - 5PL-C/LED/13H/835/IF5/P/2P 20/1

Lifetime

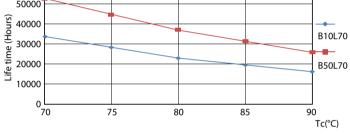




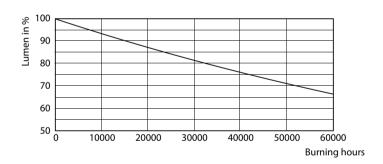
Lumen Maintenance Diagram - 5PL-C/LED/13H/835/IF5/P/2P 20/1

100 Failure rate in % 80 60 40 20 0 20000 80000 100000 40000 60000 0 Time (hours)





LEDtube PLC 13H 5W GX23-2 827 15D ND



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