



PL-S

5PL-S/LED/13H/835/IF5/P/2P 20/1

Philips LED PL-S lamps make the transition to LED from CFL lamps as simple as replacing a lamp. The InstantFit (UL Type A) 2-pin PL-S LED lamps are available in a wide array of color temperatures. They quickly and effectively replace 13W 2-pin compact fluorescent PL-S lamps.

Product data

General Information				
Cap-Base	GX23			
Nominal lifetime	50,000 hour(s)			
Switching Cycle	50,000			
Lighting Technology	LED			
Light Technical				
Color Code	835 [CCT of 3500K]			
Beam Angle (Nom)	120 degree(s)			
Luminous Flux	560 lm			
Color Designation	White (WH)			
Correlated Color Temperature (Nom)	3500 K			
Luminous Efficacy (rated) (Nom)	112.00 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			

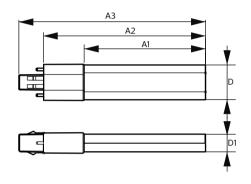
Wattage Equivalent	13 W			
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	0.5 s			
Power Factor (Fraction)	0.9			
Voltage (Nom)	120-277 V			
UL Type	UL Type A			
Temperature				
T-Case Maximum (Nom)	75 ℃			
Controls and Dimming				
Dimmable	No			
Mechanical and Housing				
Bulb Finish	Frosted			
Bulb Material	Plastic			
Product Length	144 mm			
Bulb Shape	PL-S			
Net Weight (Piece)	0.043 kg			
Approval and Application				
Energy Saving Product	Yes			
Approval Marks	UL certificate RoHS compliance			

Datasheet, 2025, March 7 data subject to change

Energy Consumption kWh/1000 h	- kWh
EU RoHS compliant	Yes
Ambient temperature range	-20 °C to 45 °C
Application Conditions	
can it be used in closed luminaires	Yes
Product Data	
Order product name	5PL-S/LED/13H/835/IF5/P/2P 20/1

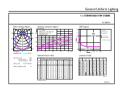
Full product name	5PL-S/LED/13H/835/IF5/P/2P 20/1
Order code	929001863004
Material Nr. (12NC)	929001863004
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677529574
Numerator - Packs per outer box	20
EAN/UPC - Case	50046677529579

Dimensional drawing

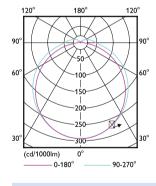


Product	D1	D2	A1	A2	A3
5PL-S/LED/13H/835/IF5/P/2P 20/1	31.1 mm	15.8 mm	108 mm	144 mm	166 mm

Photometric data

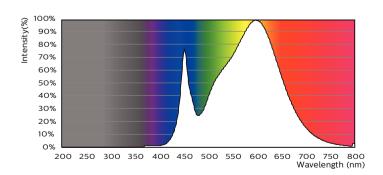


Calculus Photometrics 4.5 Philips Lighting 6.V. Phys: 177



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

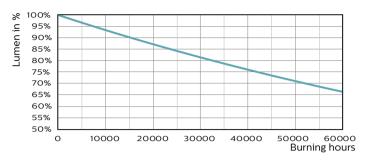
General uniform lighting - 5PL-S/LED/13H/835/IF5/P/2P 20/1

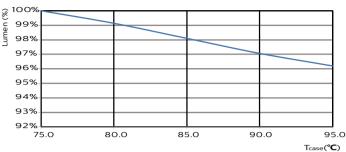


Spectral Power Distribution Colour - 5PL-S/LED/13H/835/IF5/P/2P 20/1

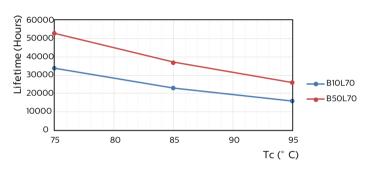
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Lifetime



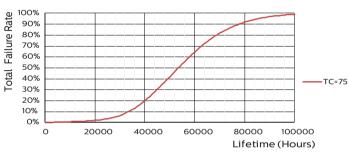


Lumen Maintenance Diagram - 5PL-S/LED/13H/835/IF5/P/2P 20/1

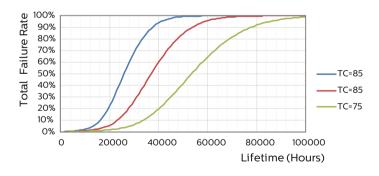


Lumen Maintenance Diagram - 5PL-S/LED/13H/835/IF5/P/2P 20/1

LEDtube PLS 5W GX23 827 2P 12D ND



LEDtube PLS 5W GX23 827 2P 12D ND



LEDtube PLS 5W GX23 827 2P 12D ND

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