



# 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		
EU RoHS compliant	Yes		
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		

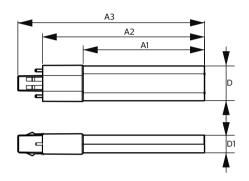
Lamp Current (Min)	15 mA
Wattage Equivalent	13 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277 V
UL Type	UL Type A
Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	75 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	170 mm
Bulb Shape	PL-S
Approval and Application	
Energy Saving Product	Yes

Datasheet, 2024, January 16 data subject to change

Approval Marks	UL certificate RoHS compliance			
Energy Consumption kWh/1000 h	- kWh			
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			

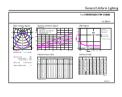
Order code	929001863004
Material Nr. (12NC)	929001863004
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677529574
Numerator - Packs per outer box	20
EAN/UPC - Case	50046677529579

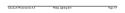
### Dimensional drawing



Product	D	D1	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

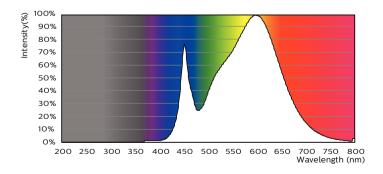
### Photometric data





# 90° 60° 150 150 90° 60° 150 150 150 30° (cd/1000lm) 0° 90-270°

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

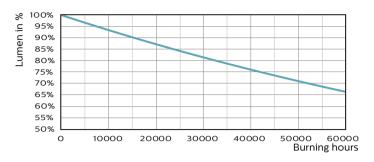


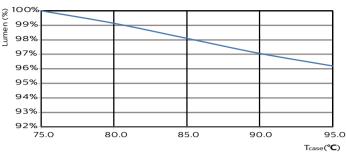
Spectral Power Distribution Colour - 5PL-S/LED/13H/835/IF5/P/2P 20/1

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

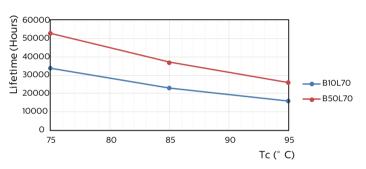
### PL-S

### Lifetime

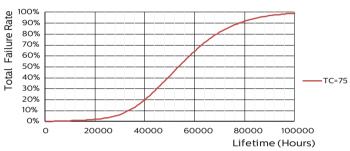




### Lumen Maintenance Diagram - 5PL-S/LED/13H/835/IF5/P/2P 20/1

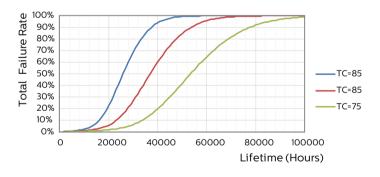


### Lumen Maintenance Diagram - 5PL-S/LED/13H/835/IF5/P/2P 20/1



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





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



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