



## 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

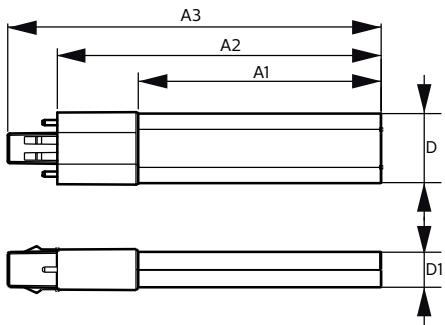
General Information		Technical Data	
Cap-Base	GX23	Lamp Current (Min)	15 mA
Nominal lifetime	50,000 hour(s)	Wattage Equivalent	13 W
Switching Cycle	50,000	Starting Time (Nom)	0.5 s
Lighting Technology	LED	Warm-up time to 60% light	0.5 s
EU RoHS compliant	Yes	Power Factor (Fraction)	0.9
		Voltage (Nom)	120-277 V
		UL Type	UL Type A
Light Technical		Temperature	
Color Code	835 [CCT of 3500K]	Ambient temperature range	-20 °C to 45 °C
Beam Angle (Nom)	120 degree(s)	T-Case Maximum (Nom)	75 °C
Luminous Flux	560 lm		
Color Designation	White (WH)	Controls and Dimming	
Correlated Color Temperature (Nom)	3500 K	Dimmable	No
Luminous Efficacy (rated) (Nom)	112.00 lm/W	Mechanical and Housing	
Color Consistency	<6	Bulb Finish	Frosted
Color rendering index (CRI)	82	Bulb Material	Plastic
LLMF At End Of Nominal Lifetime (Nom)	70 %	Product Length	170 mm
Operating and Electrical		Bulb Shape	PL-S
Line Frequency	50 to 60 Hz	Approval and Application	
Input Frequency	50 to 60 Hz	Energy Saving Product	Yes
Power Consumption	5 W		
Lamp Current (Max)	50 mA		

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

<b>Application Conditions</b>	
can it be used in closed luminaires	Yes

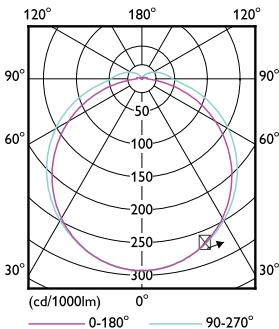
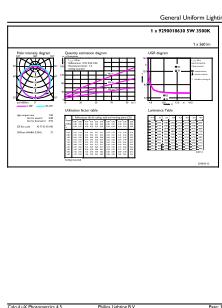
<b>Product Data</b>	
Order product name	5PL-S/LED/13H/835/IF5/P/2P 20/1
Full product name	5PL-S/LED/13H/835/IF5/P/2P 20/1

## Dimensional drawing



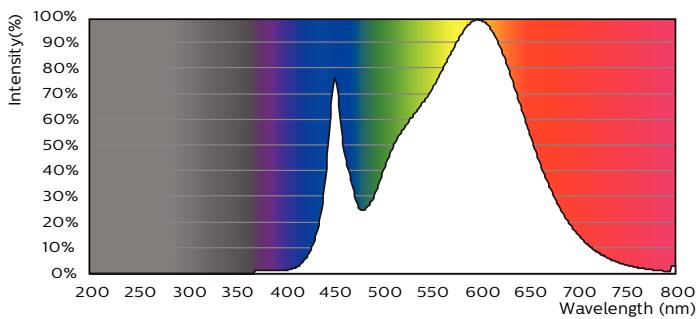
Product	D	D1	A1	A2	A3
5PL-S/LED/13H/835/IF5/P/2P 20/1	31.1 mm	15.8 mm	108 mm	144 mm	166 mm

## Photometric data



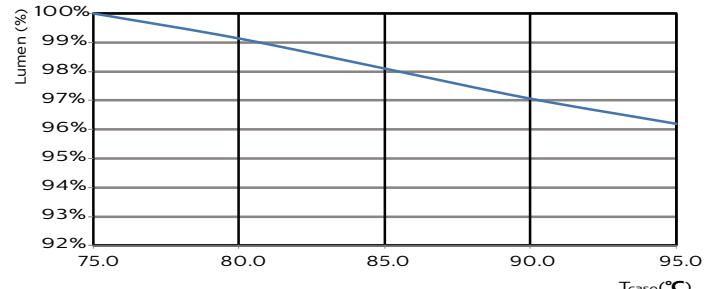
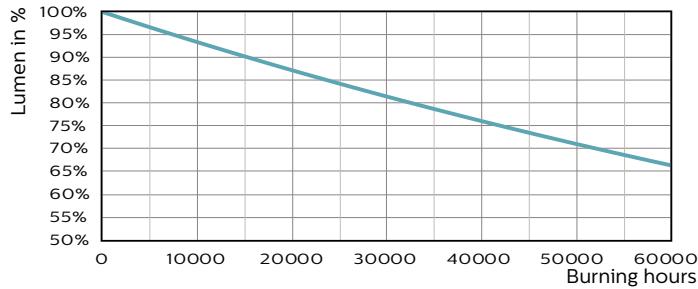
General uniform lighting - 5PL-S/LED/13H/835/IF5/P/2P 20/1

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

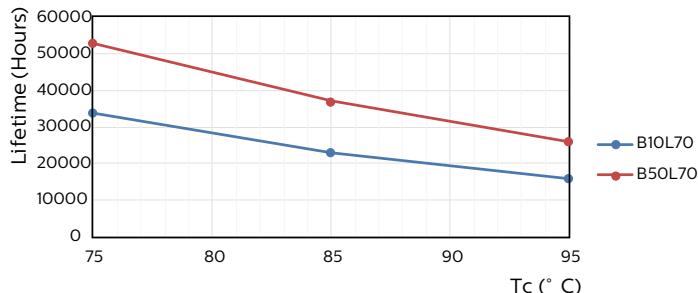


Spectral Power Distribution Colour - 5PL-S/LED/13H/835/IF5/P/2P 20/1

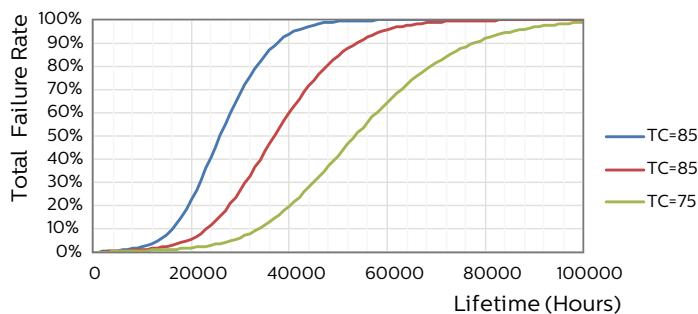
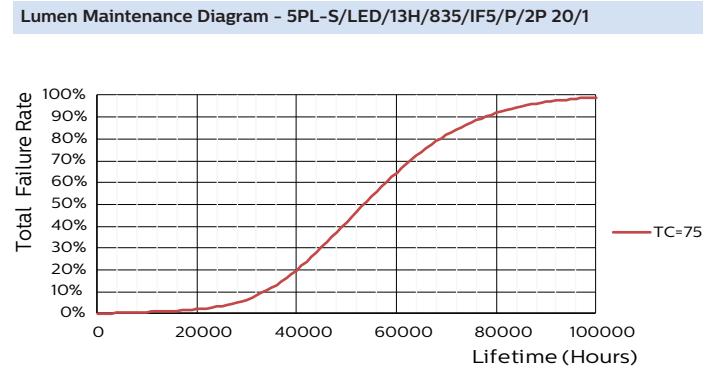
## Lifetime



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



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