



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			

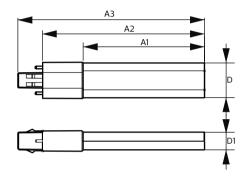
Lamp Current (Min)	15 mA			
Wattage Equivalent	13 W			
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	0.5 s			
Power Factor (Fraction)	0.9			
Voltage (Nom)	120-277 V			
UL Type	UL Type A			
Temperature				
Ambient temperature range	-4 °F to 113 °F			
T-Case Maximum (Nom)	167 °F			
Controls and Dimming				
Dimmable	No			
Mechanical and Housing				
Bulb Finish	Frosted			
Bulb Material	Plastic			
Product Length	6-3/4 inch			
Bulb Shape	PL-S			
Approval and Application				
Energy Saving Product	Yes			

Datasheet, 2023, August 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			

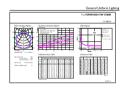
Order code	529578
Material Nr. (12NC)	929001863004
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677529574
Numerator - Packs per outer box	20
EAN/UPC - Case	50046677529579

Dimensional drawing



Product	D	D1	A1	A2	A3
5PL-	1-1/4 inch	5/8 inch	4-1/4 inch	5-11/16 inch	6-9/16 inch
S/LED/13H/835/IF5/P/2P					
20/1					

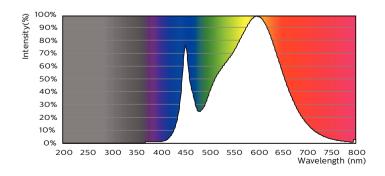
Photometric data





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

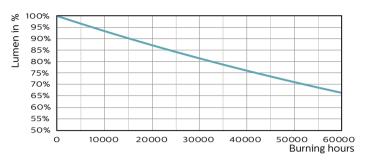
General uniform lighting - 5PL-S/LED/13H/835/IF5/P/2P 20/1

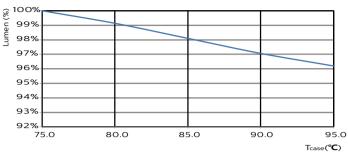


Spectral Power Distribution Colour - 5PL-S/LED/13H/835/IF5/P/2P 20/1

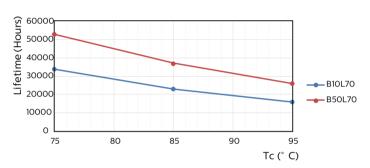
PL-S

Lifetime

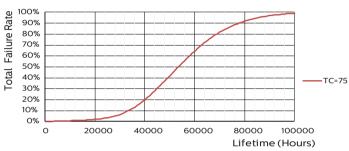




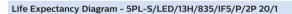
Lumen Maintenance Diagram - 5PL-S/LED/13H/835/IF5/P/2P 20/1

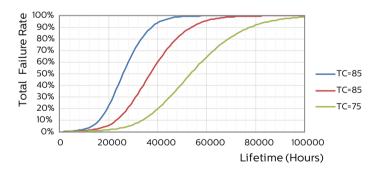


Lumen Maintenance Diagram - 5PL-S/LED/13H/835/IF5/P/2P 20/1



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



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.