



PL-S

5PL-S/LED/13H/840/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	840 [CCT of 4000K]		
Beam Angle (Nom)	120 degree(s)		
Luminous Flux	580 lm		
Color Designation	Cool White (CW)		
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	116.00 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		

50 mA

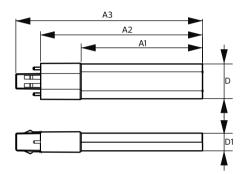
Lamp Current (Min)	15 mA			
Wattage Equivalent	13 W			
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	0.5 s			
Power Factor (Fraction)	0.9			
Voltage (Nom)	120-277 V			
UL Type	UL Type A			
Temperature				
Ambient temperature range	-20 °C to 45 °C			
T-Case Maximum (Nom)	75 ℃			
Controls and 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			

Lamp Current (Max)

Approval Marks	UL certificate RoHS compliance
Energy Consumption kWh/1000 h	- kWh
Application Conditions	
Application Conditions	
can it be used in closed luminaires	Yes
Product Data	
Order product name	5PL-S/LED/13H/840/IF5/P/2P 20/1
Full product name	5PL-S/LED/13H/840/IF5/P/2P 20/1

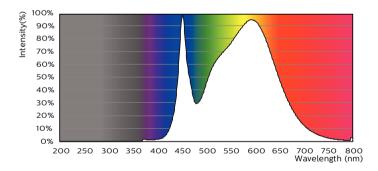
Order code	529586		
Material Nr. (12NC)	929001863104		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	046677529581		
Numerator - Packs per outer box	20		
EAN/UPC - Case	50046677529586		

Dimensional drawing

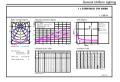


Product	D	D1	A1	A2	A3
5PL-S/LED/13H/840/IF5/P/2P 20/1	31.1 mm	15.8 mm	108 mm	144 mm	166 mm

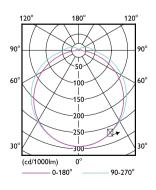
Photometric data



Spectral Power Distribution Colour - 5PL-S/LED/13H/840/IF5/P/2P 20/1

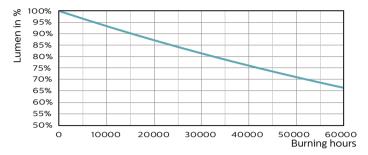


General uniform lighting - 5PL-S/LED/13H/840/IF5/P/2P 20/1

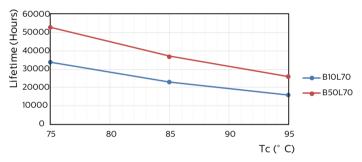


Light Distribution Diagram - 5PL-S/LED/13H/840/IF5/P/2P 20/1

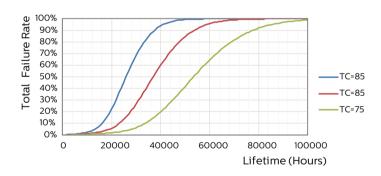
Lifetime



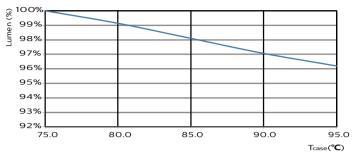
Lumen Maintenance Diagram - 5PL-S/LED/13H/840/IF5/P/2P 20/1



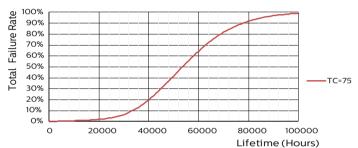
Life Expectancy Diagram - 5PL-S/LED/13H/840/IF5/P/2P 20/1



Life Expectancy Diagram - 5PL-S/LED/13H/840/IF5/P/2P 20/1



Lumen Maintenance Diagram - 5PL-S/LED/13H/840/IF5/P/2P 20/1



Life Expectancy Diagram - 5PL-S/LED/13H/840/IF5/P/2P 20/1

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www.lighting.philips.com 2023, April 14 - data subject to change