



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		
Lamp Current (Max)	50 mA		

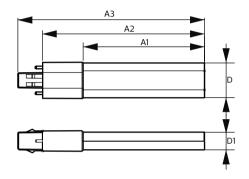
Lamp Current (Min)	15 mA			
Wattage Equivalent	13 W			
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	0.5 s			
Power Factor (Fraction)	0.9			
Voltage (Nom)	120-277 V			
UL Type	UL Type A			
Temperature				
Ambient temperature range	-20 °C to 45 °C			
T-Case Maximum (Nom)	75 °C			
Controls and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

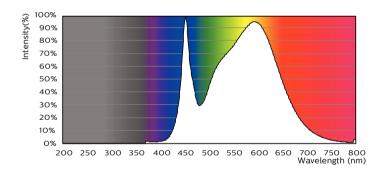
Order code	929001863104
Material Nr. (12NC)	929001863104
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677529581
Numerator - Packs per outer box	20
EAN/UPC - Case	50046677529586

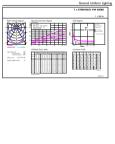
Dimensional drawing



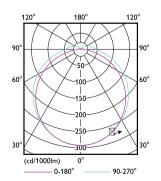
Product	D	D1	A1	A2	A3
5PL-S/LED/13H/840/IF5/P/2P 20/1	31.1 mm	15.8 mm	108 mm	144 mm	166 mm

Photometric data





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

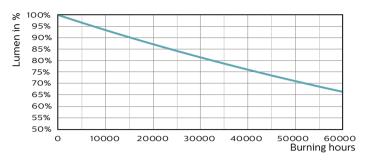


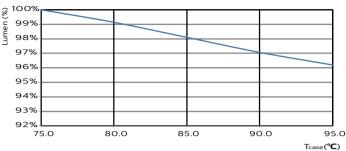
Light Distribution Diagram - 5PL-S/LED/13H/840/IF5/P/2P 20/1

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

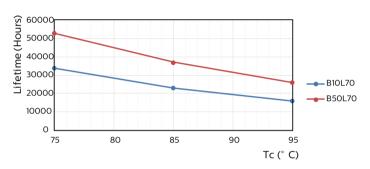
PL-S

Lifetime

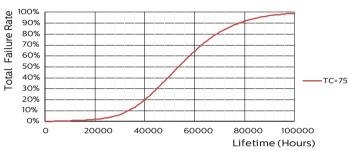




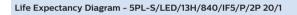
Lumen Maintenance Diagram - 5PL-S/LED/13H/840/IF5/P/2P 20/1

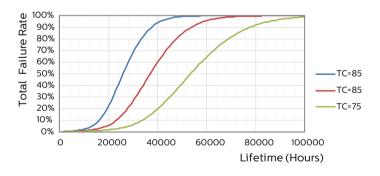


Lumen Maintenance Diagram - 5PL-S/LED/13H/840/IF5/P/2P 20/1



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





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



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