



# PL-S

# 5PL-S/LED/13H/830/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	830 [CCT of 3000K]				
Beam Angle (Nom)	120 degree(s)				
Luminous Flux	540 lm				
Color Designation	White (WH)				
Correlated Color Temperature (Nom)	3000 K				
Luminous Efficacy (rated) (Nom)	108.00 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				

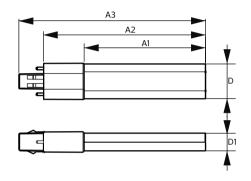
Lamp Current (Min)	15 mA			
Wattage Equivalent	13 W			
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	0.5 s			
Power Factor (Fraction)	0.9			
Voltage (Nom)	120-277 V			
UL Type	TLED_Type A; UL listed HF			
Temperature				
Ambient temperature range	-20 °C to 45 °C			
T-Case Maximum (Nom)	75 °C			
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/830/IF5/P/2P 20/1			
Full product name	5PL-S/LED/13H/830/IF5/P/2P 20/1			

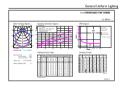
Order code	929001862904
Material Nr. (12NC)	929001862904
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677529567
Numerator - Packs per outer box	20
EAN/UPC - Case	50046677529562

# Dimensional drawing



Product	D	D1	A1	A2	А3
5PL-S/LED/13H/830/IF5/P/2P 20/1	31.1 mm	15.8 mm	108 mm	144 mm	166 mm

### Photometric data





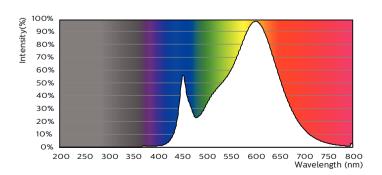
#### 200 250 250 300 (cd/1000lm) 0° 0-180° 90-270°

90°

60°

# Light Distribution Diagram - 5PL-S/LED/13H/830/IF5/P/2P 20/1

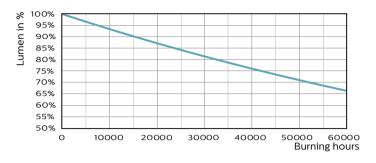
# General uniform lighting - 5PL-S/LED/13H/830/IF5/P/2P 20/1

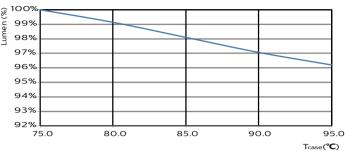


Spectral Power Distribution Colour - 5PL-S/LED/13H/830/IF5/P/2P 20/1

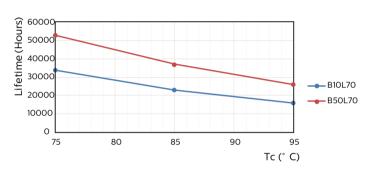
# PL-S

#### Lifetime

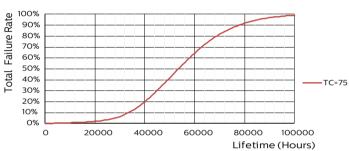




#### Lumen Maintenance Diagram - 5PL-S/LED/13H/830/IF5/P/2P 20/1

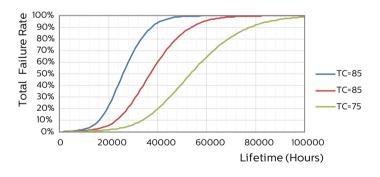


#### Lumen Maintenance Diagram - 5PL-S/LED/13H/830/IF5/P/2P 20/1



Life Expectancy Diagram - 5PL-S/LED/13H/830/IF5/P/2P 20/1





Life Expectancy Diagram - 5PL-S/LED/13H/830/IF5/P/2P 20/1



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