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

Light Technical

Color Code	835 [CCT of 3500K]
Beam Angle (Nom)	120 degree(s)
Luminous Flux	560 lm
Luminous Efficacy (rated) (Nom)	112.00 lm/W
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3500 K
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
Approval Marks	UL certificate RoHS compliance

PL-S

Energy Consumption kWh/1000 h	– kWh		**Order code**	529578
EU RoHS compliant	Yes		**Material Nr. (12NC)**	929001863004
			Numerator – Quantity Per Pack	1
Application Conditions			**Net Weight (Piece)**	0.043 kg
can it be used in closed luminaires	Yes		**EAN/UPC – Product/Case**	046677529574
			Numerator – Packs per outer box	20
Product Data			**EAN/UPC – Case**	50046677529579
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
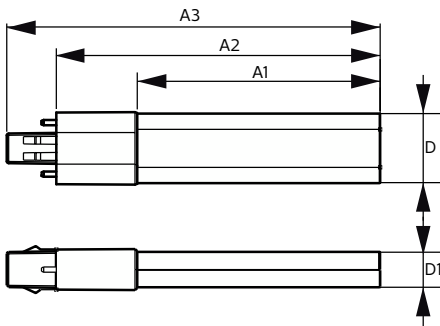
Product	D	D1	A1	A2	A3
5PL-S/LED/13H/835/IF5/P/2P 20/1	31.1 mm	15.8 mm	108 mm	144 mm	166 mm

Photometric data
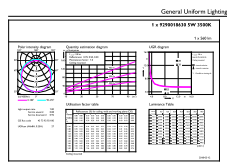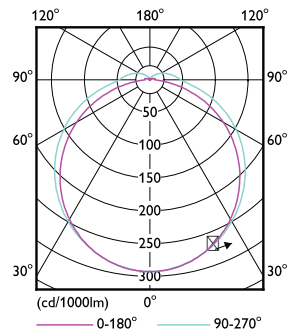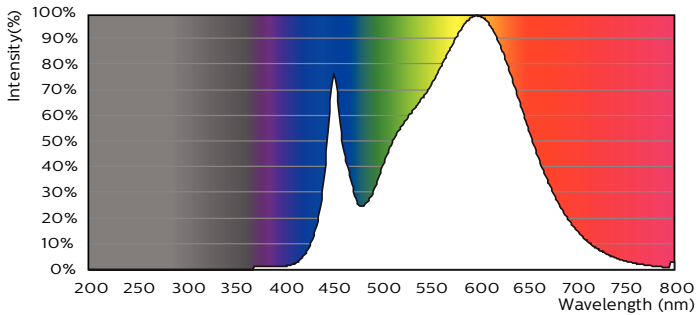

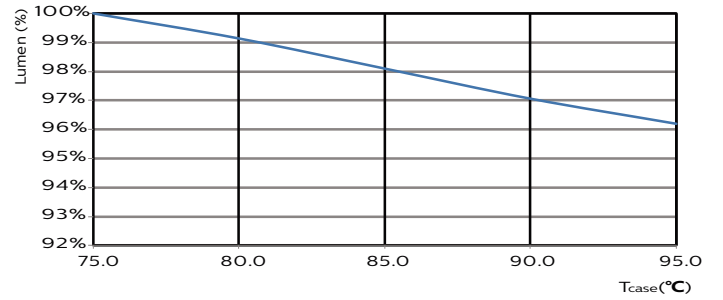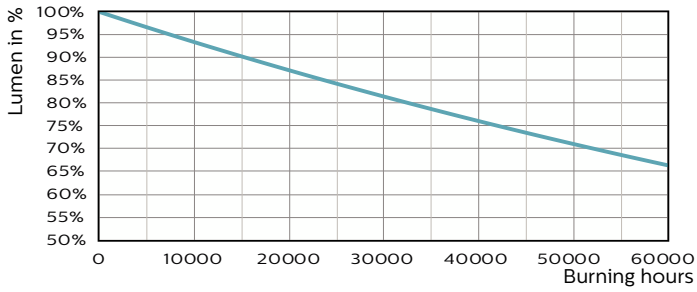General uniform lighting – 5PL-S/LED/13H/835/IF5/P/2P 20/1

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
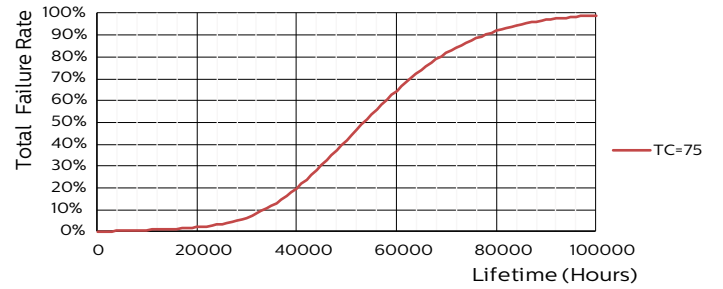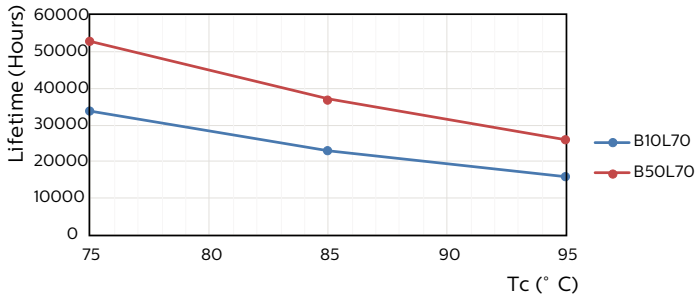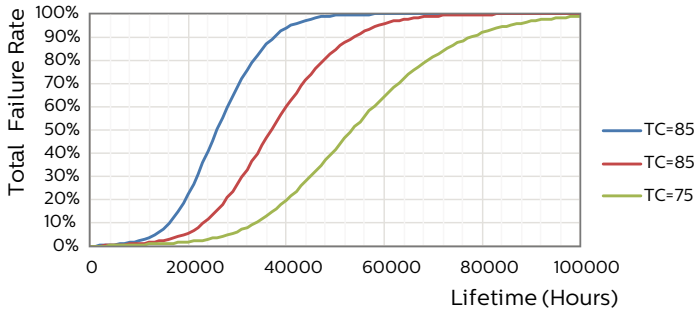
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Lifetime

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

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LEDtube PLS 5W GX23 827 2P 12D ND

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