



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 [GX23]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000

Light technical	
Color Code	835 [CCT of 3500K]
Beam Angle (Nom)	120 °
Luminous Flux (Nom)	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 (Nom)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and electrical	
Input Frequency	50 to 60 Hz
Power (Nom)	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 (Nom)	0.5 s
UL Type	Type A - works on ballast
Power Factor (Nom)	0.9
Voltage (Nom)	120-277 V

Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Ambient (Min)-DUP(do not use)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °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	Tube, single-ended

PL-S

Approval and application

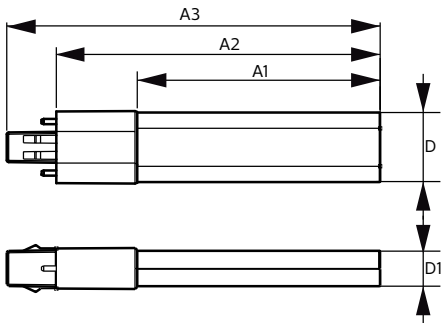
Energy Saving Product	Yes
Approval Marks	UL certificate RoHS compliance
Energy Consumption kWh/1000 h	- kWh

Product data

Order product name	5PL-S/LED/13H/835/IF5/P/2P 20/1
EAN/UPC - Product	046677529574

Order code	929001863004
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material Nr. (12NC)	929001863004
Net Weight (Piece)	0.043 kg

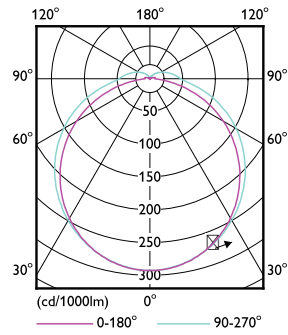
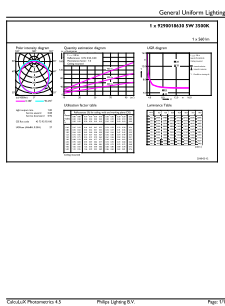
Dimensional drawing



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

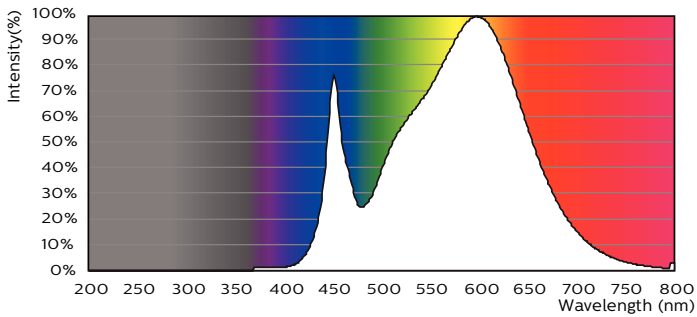
Product	D	D1	A1	A2	A3
5PL-S/LED/13H/835/IF5/P/2P 20/1	31.1 mm	15.8 mm	108 mm	144 mm	166 mm

Photometric data



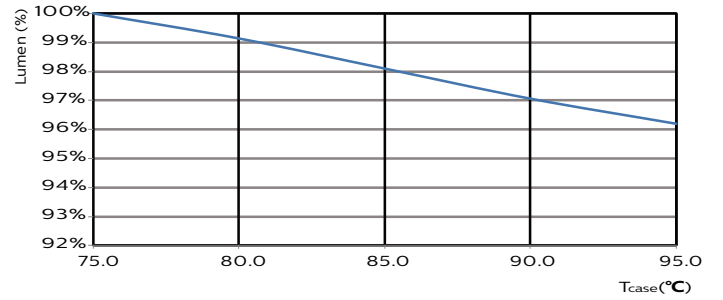
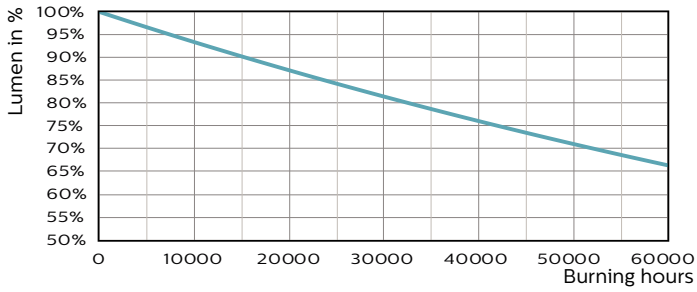
LEDtube PLS 5W GX23 835 2P 12D ND

LEDtube PLS 5W GX23 827 2P 12D ND



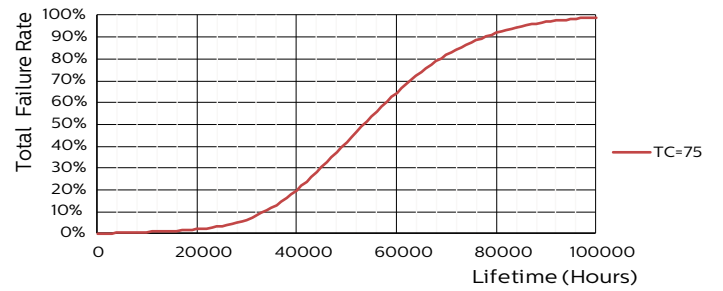
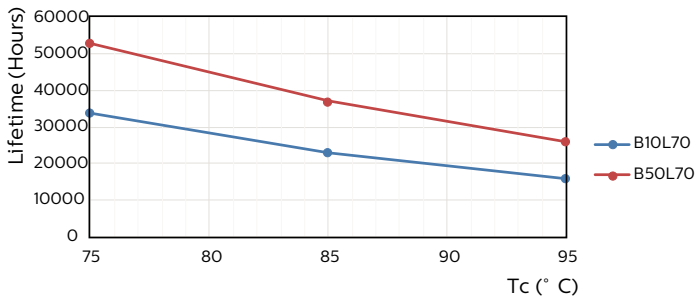
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Lifetime



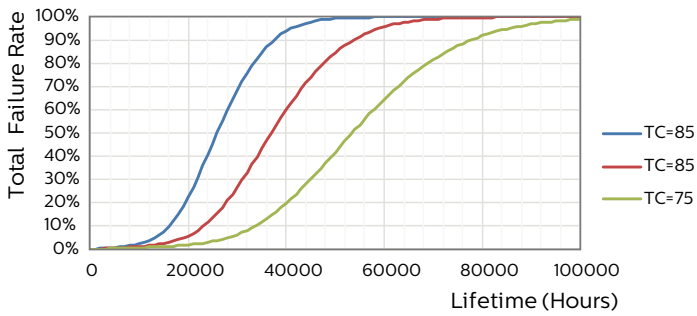
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