

**5PL-
S/LED/13H/827/IF5/P/2P
20/1**
929001862804



CorePro, LED, PL-S, 144 mm, 5 W, 2700 K, 520 lm, 50000 hour(s)

CorePro, LED, PL-S, 144 mm, 5 W, 2700 K, 520 lm, 50000 hour(s), 104.00 lm/W, GX23, Plastic

General Information

Cap-Base	GX23
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED

Light Technical

Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	120 degree(s)
Luminous Flux	520 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	104.00 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

T-Case Maximum (Nom)	75 °C
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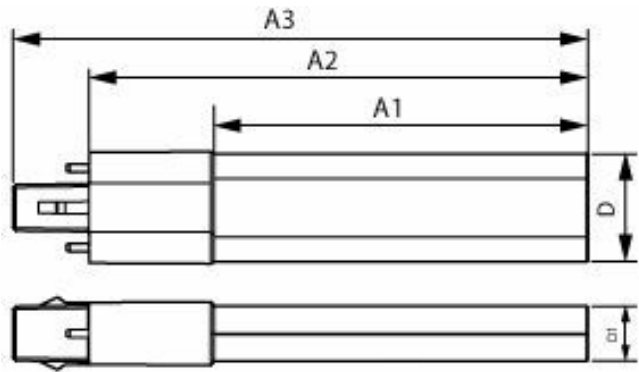
Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	144 mm
Bulb Shape	PL-S
Net Weight (Piece)	0.043 kg

Dimensional drawing



D	D1	A1	A2	A3
31mm	16mm	108mm	144mm	166mm

Approval and Application

Energy Saving Product	Yes
Approval Marks	UL certificate
EU RoHS compliant	Yes
Ambient temperature range	-20 °C to 45 °C

Application Conditions

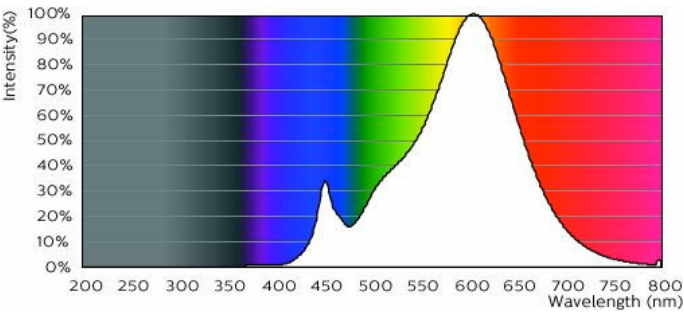
can it be used in closed luminaires	Yes
Wireless Technology	Not applicable

Product Data

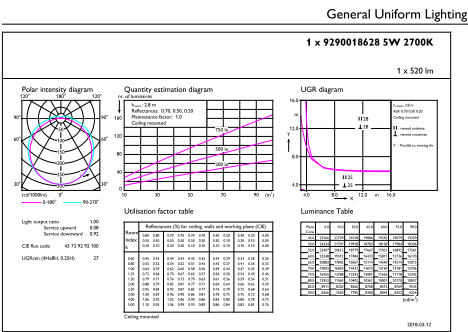
Order product name	5PL-S/LED/13H/827/IF5/P/2P 20/1
Full product name	5PL-S/LED/13H/827/IF5/P/2P 20/1
Order code	929001862804
Material Nr. (12NC)	929001862804
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677529512
Numerator - Packs per outer box	20
EAN/UPC - Case	50046677529517

Product	D1	D	A1	A2	A3
5PL-S/LED/13H/827/IF5/P/2P 20/1	16 mm	31 mm	108 mm	144 mm	166 mm

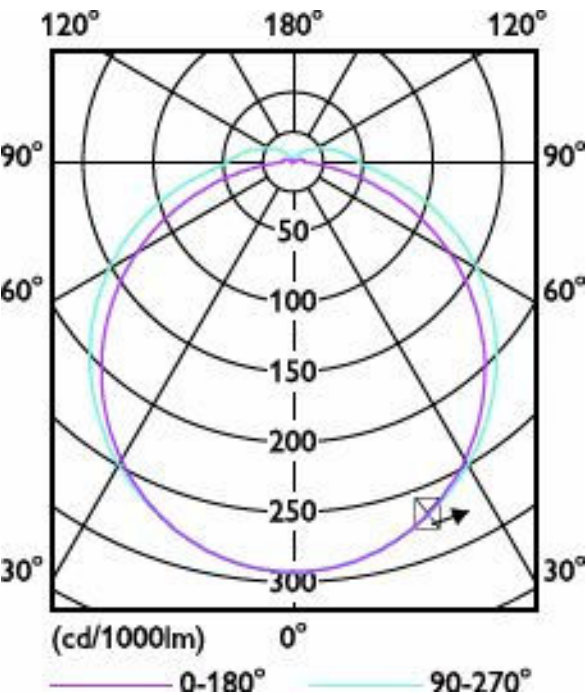
Photometric data



Spectral Power Distribution Colour - SPL-S/LED/13H/827/IF5/P/2P 20/1

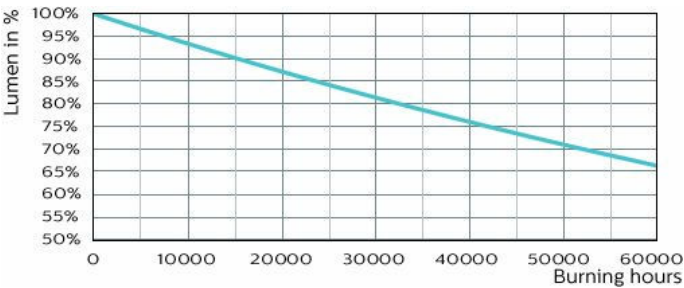


Light Distribution Diagram - SPL-S/LED/13H/827/IF5/P/2P 20/1

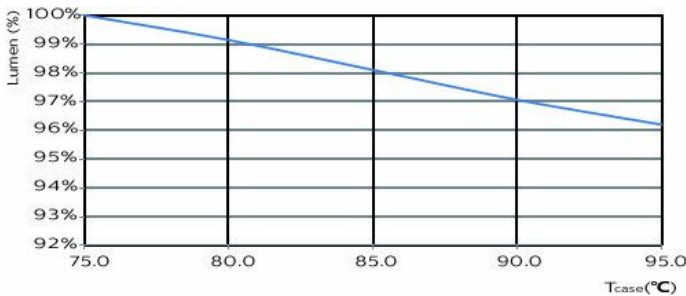


General uniform lighting - SPL-S/LED/13H/827/IF5/P/2P 20/1

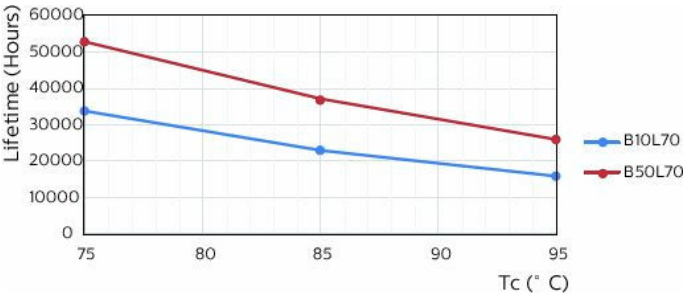
Lifetime



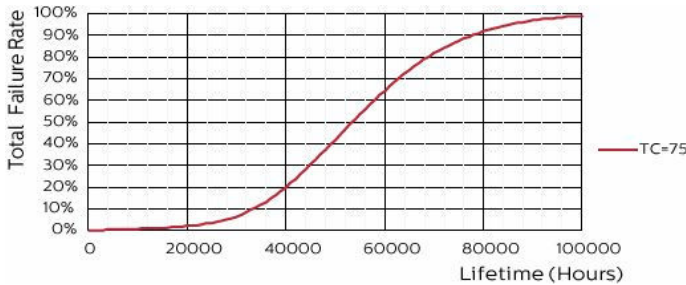
Lumen Maintenance Diagram - 5PL-S/LED/13H/827/IF5/P/2P 20/1



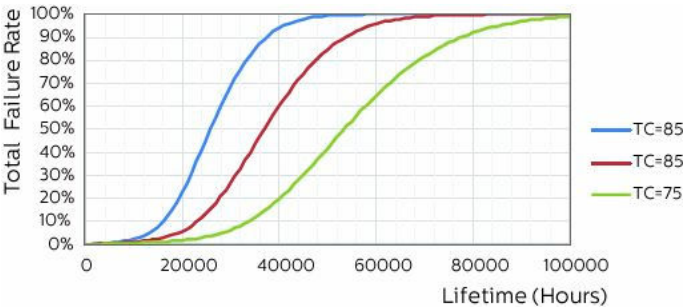
Lumen Maintenance Diagram - 5PL-S/LED/13H/827/IF5/P/2P 20/1



LEDtube PLS 5W GX23 827 2P 12D ND



LEDtube PLS 5W GX23 827 2P 12D ND



LEDtube PLS 5W GX23 827 2P 12D ND

Related Documents

Documents and certificates	Document Name	Download
Environmental Product Declaration	Philips-5PL-S-LED-13H-840-IF5-P-2P-20-1-COMF-7403992-Ref-929001863104-EPD.pdf	Download 
Photometry and lighting design	Document Name	Download
IES File	LEDtube_PLS_5W_GX23_827_2P_12D_ND-IES.ies	Download 

