PHILIPS

Lighting

LED InstantFit Lamps

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

Philips LED T8 InstantFit Lamps are an ideal energy saving choice for existing linear fluorescent fixtures.

Product data

General Information	
Cap-Base	GX23 [GX23]
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000X
B50L70	50000 h

Light Technical	
Color Code	841 [CCT of 4100K (841)]
Beam Angle (Nom)	120 °
Initial lumen (Nom)	580 lm
Luminous Flux (Rated) (Nom)	580 lm
Rated Beam Angle	120 °
Correlated Color Temperature (Nom)	4000 K
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 (Rated) (Nom)	5 W
Lamp Current (Max)	50 mA
Lamp Current (Min)	15 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.9
Voltage (Nom)	120-277 V

Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-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	
Height	15.8 mm

Approval and Application	
Energy Saving Product	Yes
Approbation Marks	UL certificate RoHS compliance

Product Data	
Order product name	5PL-S/LED/13H/840/IF5/P/2P 20/1
EAN/UPC - Product	046677529581
Order code	529586
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20

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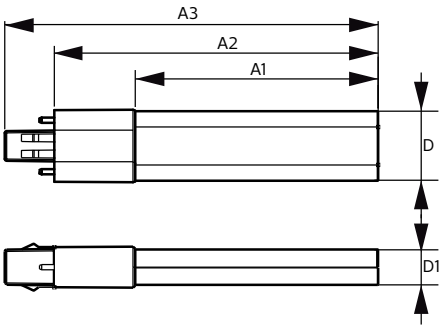
Material Nr. (12NC)	929001863104
Net Weight (Piece)	0.043 kg
Model Number	9290018631

Warnings and Safety

- Perform a visual inspection to ensure lamp holders (or sockets) are not damaged or loose. If the lamp holders (or sockets) are damaged, corroded, charred, blackened or loose, contact a qualified electrician for proper replacement.
- Please refer to the ballast compatibility guide located at www.philips.com/instantfit.

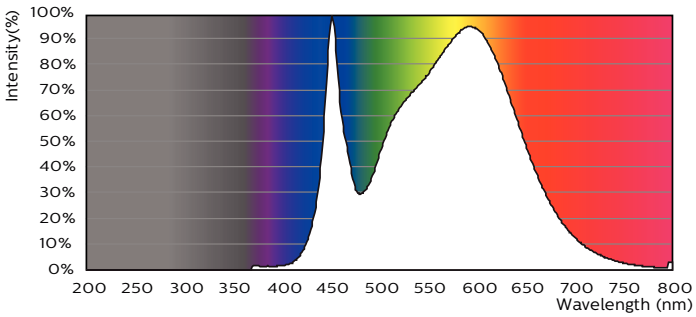
Dimensional drawing

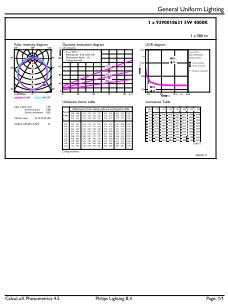


Product	D	D1	A1	A2	A3
5PL-S/LED/13H/840/IF5/P/2P 20/1	31.1 mm	15.8 mm	108 mm	144 mm	166 mm

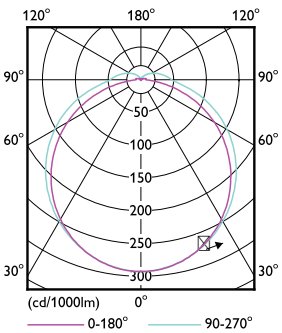
PLED PLS 120-277V 5-13W 580lm 4000K GX23

Photometric data



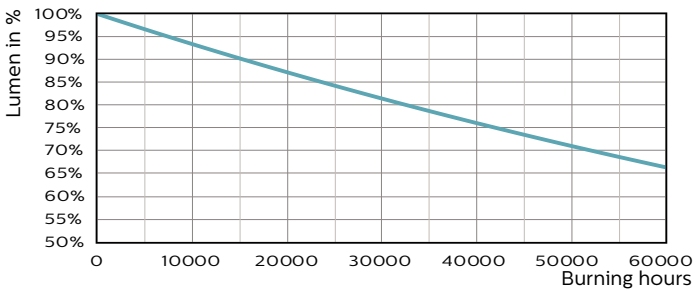


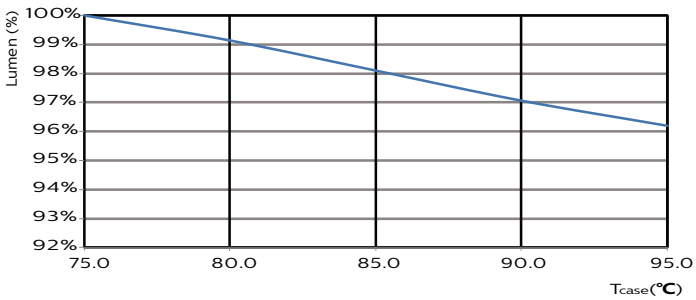
LEDtube PLS 5W GX23 840 2P 12D ND



LEDtube PLS 5W GX23 827 2P 12D ND

Lifetime





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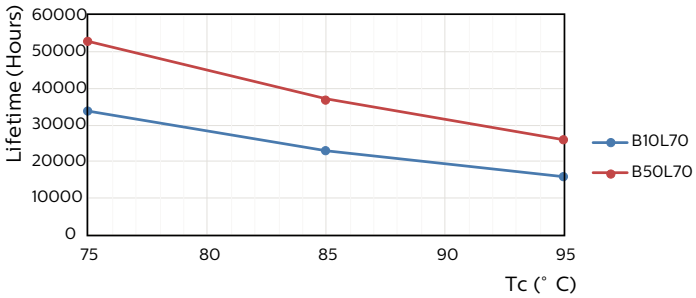

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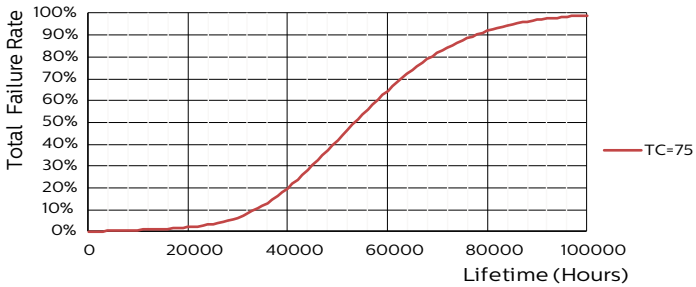

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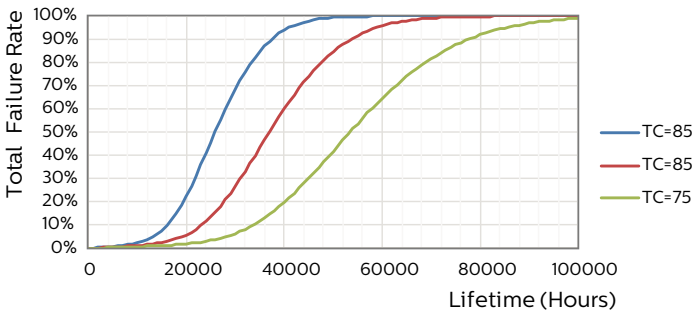

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