PL-C/T

5.5PL-C/LED/13H/835/IF5/P/4P 20/1

Philips PLED 4-pin & 2-pin lamps are an affordable LED solution to replace compact flourescent lamps. The product provides a natural lighting effect for use in many lighting applications, and provides instant energy savings, making them an environmentally-friendly solution. Available as replacements for 13W, 26W and 32W compact fluorescent lamps.

Product data

General Information	
Cap-Base	G24Q [G24q]
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Color Code	835 [CCT of 3500K]
Beam Angle (Nom)	150 degree(s)
Luminous Flux	550 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3500 K
Luminous Efficacy (rated) (Nom)	100.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Line Frequency	25000-100000 Hz
Input Frequency	25000-100000 Hz
Power Consumption	5.5 W
Lamp Current (Max)	280 mA
Lamp Current (Min)	130 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)	14-60 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	Yes

Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	140 mm
Bulb Shape	PL-C

PL-C/T

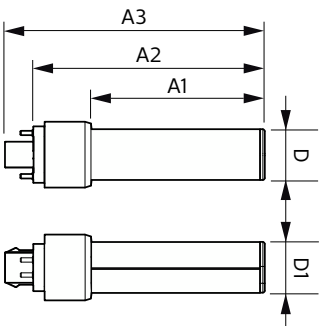
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate
Energy Consumption kWh/1000 h	- kWh

Application Conditions	
can it be used in closed luminaires	Yes

Product Data	
Order product name	5.5PL-C/LED/13H/835/IF5/P/4P 20/1

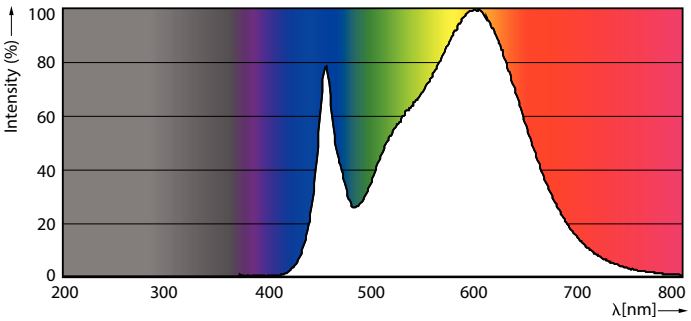
Full product name	5.5PL-C/LED/13H/835/IF5/P/4P 20/1
Order code	929001885504
Material Nr. (12NC)	929001885504
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677532413
Numerator - Packs per outer box	20
EAN/UPC - Case	50046677532418

Dimensional drawing

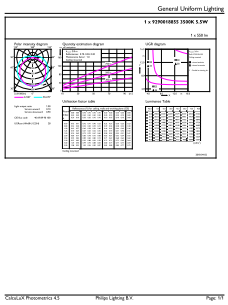


Product	D	D1	A1	A2	A3
5.5PL-C/LED/13H/835/IF5/P/4P 20/1	27 mm	27 mm	91.5 mm	122.4 mm	137.4 mm

Photometric data

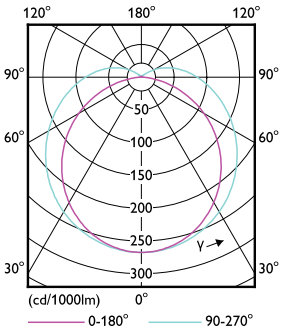


Spectral Power Distribution Colour - 5.5PL-C/LED/13H/835/IF5/P/4P 20/1



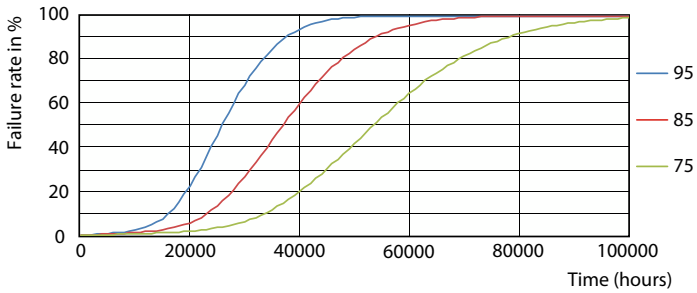
General uniform lighting - 5.5PL-C/LED/13H/835/IF5/P/4P 20/1

Photometric data

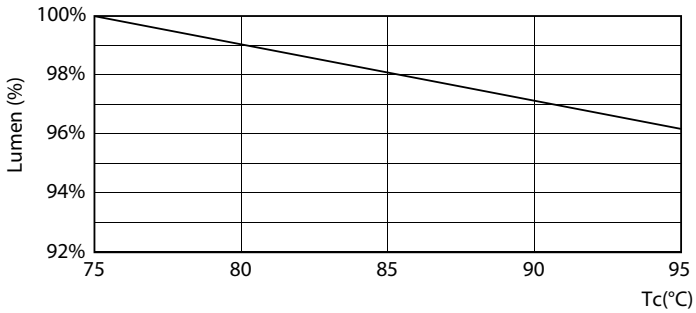


Light Distribution Diagram - 5.5PL-C/LED/13H/835/IF5/P/4P 20/1

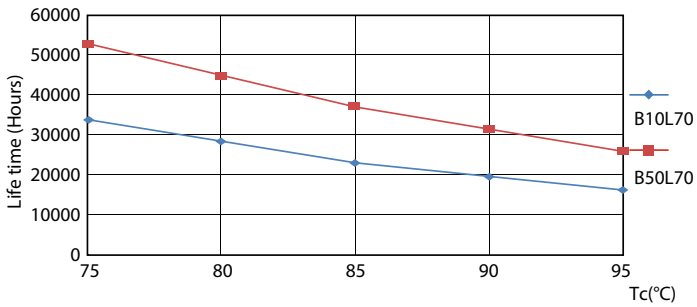
Lifetime



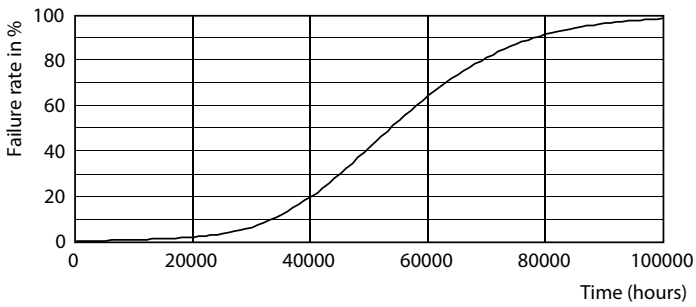
Life Expectancy Diagram - 5.5PL-C/LED/13H/835/IF5/P/4P 20/1



Lumen Maintenance Diagram - 5.5PL-C/LED/13H/835/IF5/P/4P 20/1



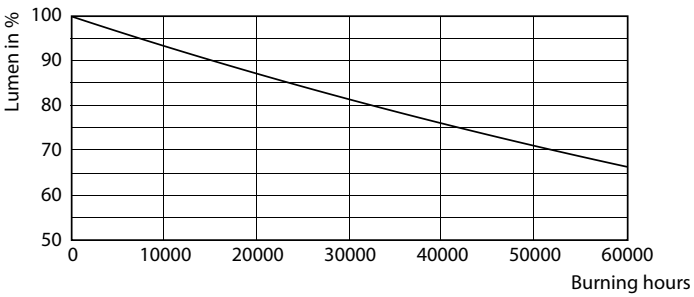
Life Expectancy Diagram - 5.5PL-C/LED/13H/835/IF5/P/4P 20/1



Life Expectancy Diagram - 5.5PL-C/LED/13H/835/IF5/P/4P 20/1

PL-C/T

Lifetime



Lumen Maintenance Diagram - 5.5PL-C/LED/13H/835/IF5/P/4P 20/1

© 2024 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.