PL-C/T

8.5PL-C/T/COR/26H-835/IF9/P/4P/DIM 10/1

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
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	900 lm
Luminous Efficacy (rated) (Nom)	105.00 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	20000-100000 Hz
Input Frequency	20000-100000 Hz
Power Consumption	8.5 W
Lamp Current (Max)	550 mA
Lamp Current (Min)	150 mA
Wattage Equivalent	26 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120 V
UL Type	UL Type A

Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	60 °C

Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	200 mm
Bulb Shape	PL-C;PL-T

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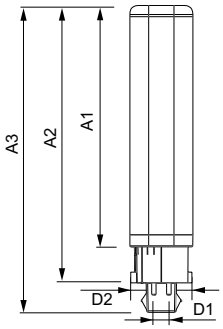
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate KEMA Keur certificate DLC compliance
Energy Consumption kWh/1000 h	- kWh
Energy Certifications	DLC Standard
EU RoHS compliant	Yes

Application Conditions	
can it be used in closed luminaires	Yes

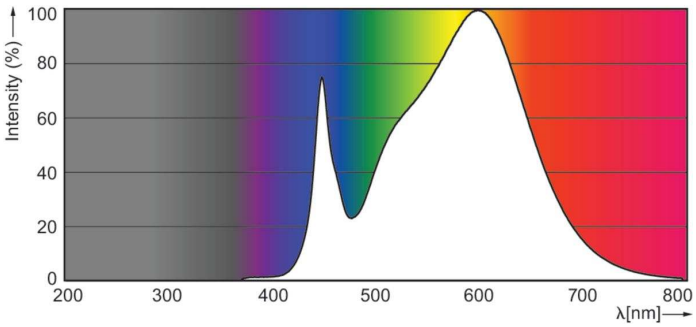
Product Data	
Order product name	8.5PL-C/T/COR/26H-835/IF9/P/4P/DIM 10/1
Full product name	8.5PL-C/T/COR/26H-835/IF9/P/4P/DIM 10/1
Order code	929001388204
Material Nr. (12NC)	929001388204
Numerator - Quantity Per Pack	1
Net Weight (Piece)	0.082 kg
EAN/UPC - Product/Case	046677458386
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677472776

Dimensional drawing

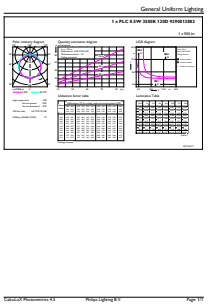


Product	D1	D2	A1	A2	A3
8.5PL-C/T/COR/ 26H-835/IF9/P/4P/DIM 10/1	24.3 mm	28.4 mm	128.3 mm	147.5 mm	163.1 mm

Photometric data



Spectral Power Distribution Colour - 8.5PL-C/T/COR/ 26H-835/IF9/P/4P/DIM 10/1



General uniform lighting - 8.5PL-C/T/COR/26H-835/IF9/P/4P/DIM 10/1

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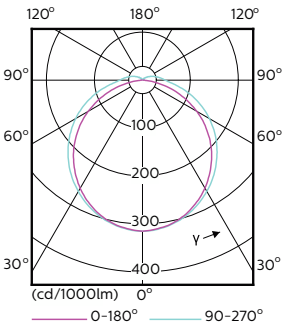
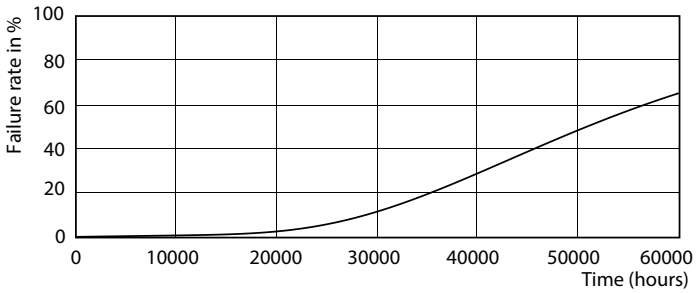
Photometric data

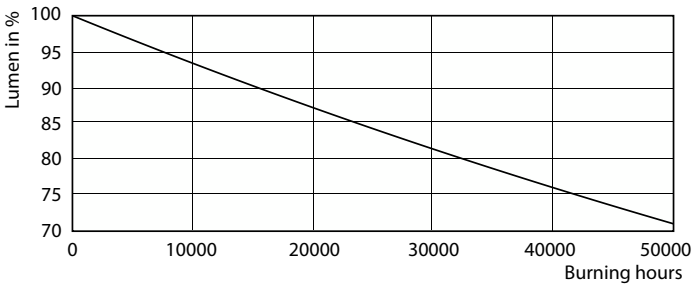


Light Distribution Diagram - 8.5PL-C/T/COR/26H-835/IF9/P/4P/DIM 10/1

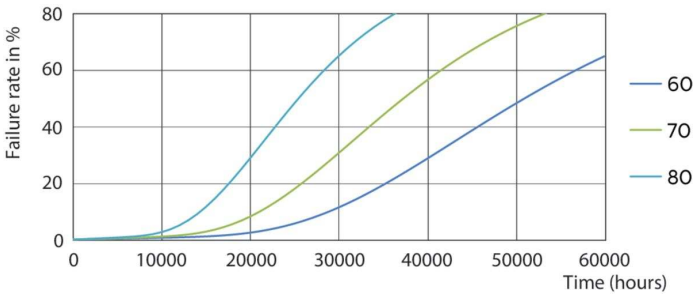
Lifetime



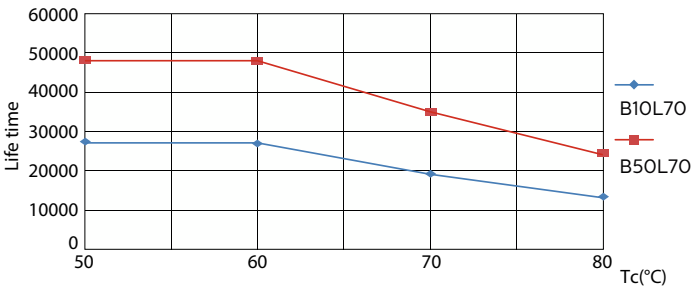
LEDtube PLC 100mm 9W G24Q GX24Q 827 850lm



Lumen Maintenance Diagram - 8.5PL-C/T/COR/26H-835/IF9/P/4P/DIM 10/1



LEDtube PLC 100mm 9W G24Q GX24Q 827 850lm



LEDtube PLC 100mm 9W G24Q GX24Q 827 850lm

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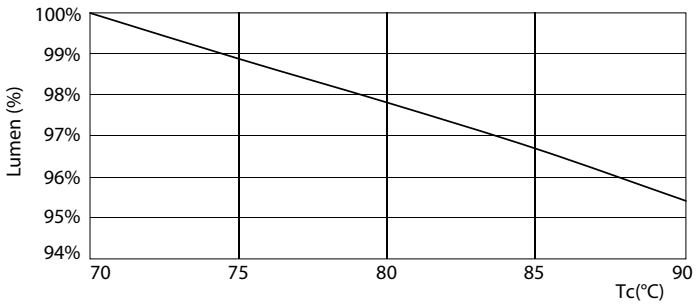
Lifetime



Lumen Maintenance Diagram - 8.5PL-C/T/COR/26H-835/IF9/P/4P/DIM 10/1

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