



# PL-C/T

## 8.5PL-C/T/COR/26H-827/IF8/P/4P/DIM 10/1

Philips PLED 4-pin & 2-pin lamps are an affordable LED solution to replace compact fluorescent 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		Lamp Current (Min)	
Cap-Base	G24q		150 mA
Nominal lifetime	50,000 hour(s)	Wattage Equivalent	26 W
Switching Cycle	50,000	Starting Time (Nom)	0.5 s
Lighting Technology	LED	Warm-up time to 60% light	0.5 s
		Power Factor (Fraction)	0.9
		Voltage (Nom)	120 V
		UL Type	UL Type A
Light Technical		Temperature	
Color Code	827 [CCT of 2700K]	Ambient temperature range	-20 °C to 45 °C
Beam Angle (Nom)	120 degree(s)	T-Case Maximum (Nom)	60 °C
Luminous Flux	850 lm		
Luminous Efficacy (rated) (Nom)	100.00 lm/W	Controls and Dimming	
Color Designation	Warm White (WW)	Dimmable	Yes
Correlated Color Temperature (Nom)	2700 K		
Color Consistency	<6	Mechanical and Housing	
Color rendering index (CRI)	82	Bulb Finish	Frosted
LLMF At End Of Nominal Lifetime (Nom)	70 %	Bulb Material	Plastic
		Product Length	200 mm
		Bulb Shape	PL-C;PL-T
Operating and Electrical			
Line Frequency	20000-100000 Hz		
Input Frequency	20000-100000 Hz		
Power Consumption	8.5 W		
Lamp Current (Max)	550 mA		

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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

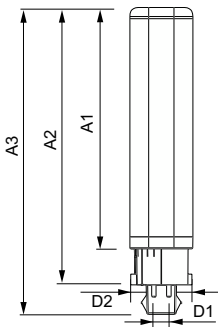
can it be used in closed luminaires	Yes
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## Product Data

Order product name	8.5PL-C/T/COR/26H-827/IF8/P/4P/DIM 10/1
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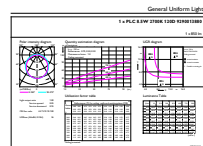
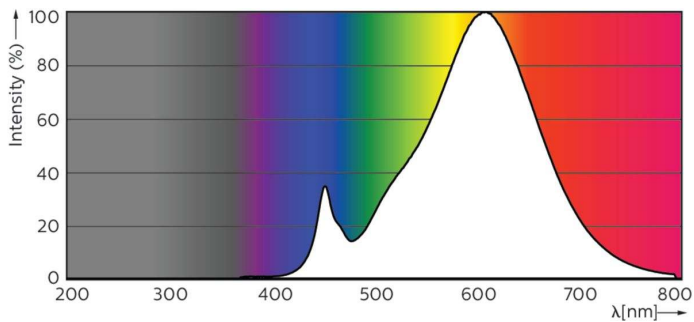
Full product name	8.5PL-C/T/COR/26H-827/IF8/P/4P/DIM 10/1
Order code	458364
Material Nr. (12NC)	929001388004
Numerator - Quantity Per Pack	1
Net Weight (Piece)	0.082 kg
EAN/UPC - Product/Case	046677458362
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677472554

## Dimensional drawing



Product	D1	D2	A1	A2	A3
8.5PL-C/T/COR/ 26H-827/IF8/P/4P/DIM 10/1	24.3 mm	28.4 mm	128.3 mm	147.5 mm	163.1 mm

## Photometric data

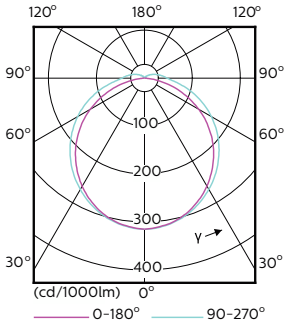


Spectral Power Distribution Colour - 8.5PL-C/T/COR/  
26H-827/IF8/P/4P/DIM 10/1

General uniform lighting - 8.5PL-C/T/COR/26H-827/IF8/P/4P/DIM 10/1

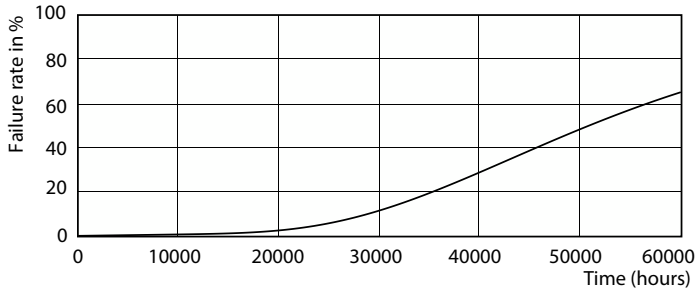
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## Photometric data

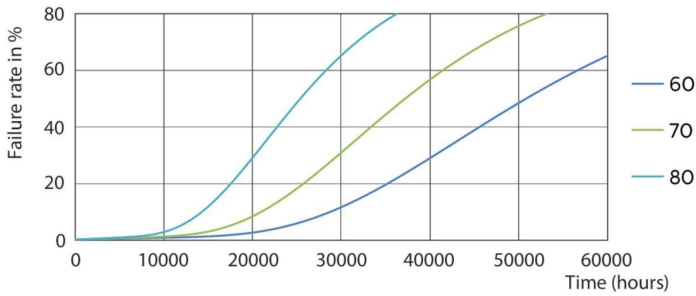


Light Distribution Diagram - 8.5PL-C/T/COR/26H-827/IF8/P/4P/DIM 10/1

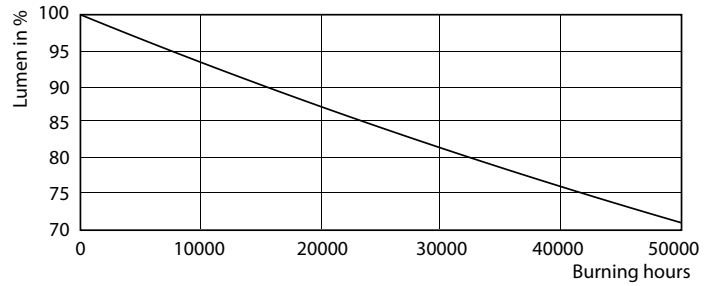
## Lifetime



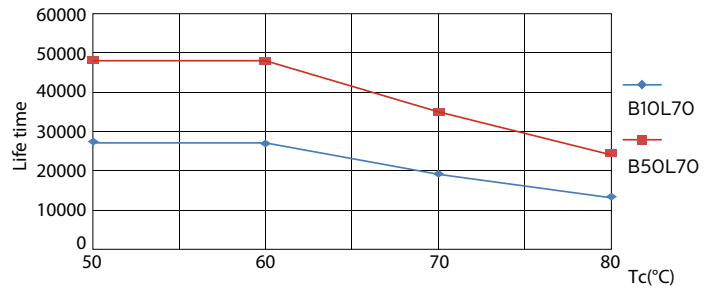
LEDtube PLC 100mm 9W G24Q GX24Q 827 850lm



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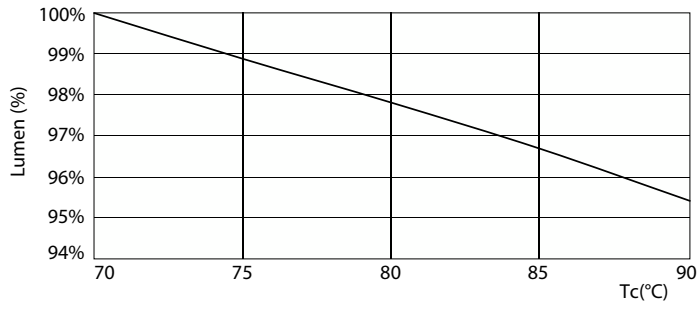
Lumen Maintenance Diagram - 8.5PL-C/T/COR/26H-827/IF8/P/4P/DIM 10/1



LEDtube PLC 100mm 9W G24Q GX24Q 827 850lm

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### Lifetime



Lumen Maintenance Diagram - 8.5PL-C/T/COR/26H-827/IF8/P/4P/DIM  
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