PL-C/T

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

CorePro, LED, PL-C;PL-T, 8.5 W, 2700 K, 850 lm, 50000 hour(s)

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	827 [CCT of 2700K]
Beam Angle (Nom)	120 degree(s)
Luminous Flux	850 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 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	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

T-Case Maximum (Nom)	60 °C

Controls and Dimming

Dimmable	Yes

Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	148 mm

PL-C/T

Bulb Shape	PL-C;PL-T
Net Weight (Piece)	0.082 kg

### Approval and Application

Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate KEMA Keur certificate DLC compliance
Energy Certifications	DLC Standard
EU RoHS compliant	Yes
Ambient temperature range	–20 °C to 45 °C

Application Conditions

can it be used in closed luminaires	Yes

Product Data

Order product name	8.5PL–C/T/COR/26H–827/IF8/P/4P/DIM 10/1
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
EAN/UPC – Product/Case	046677458362
Numerator – Packs per outer box	10
EAN/UPC – Case	50046677472554

Dimensional drawing
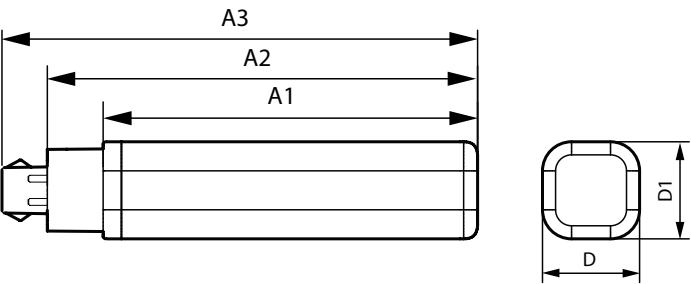
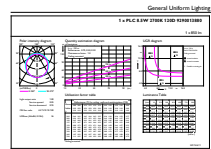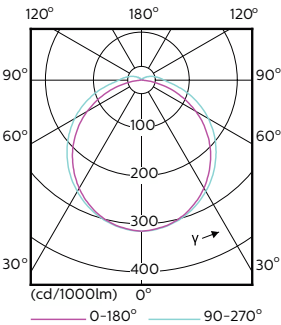| Product	D1	D	A1	A2	A3
8.5PL–C/T/COR/26H–827/IF8/P/4P/DIM 10/1	34 mm	34 mm	129 mm	148 mm	164 mm

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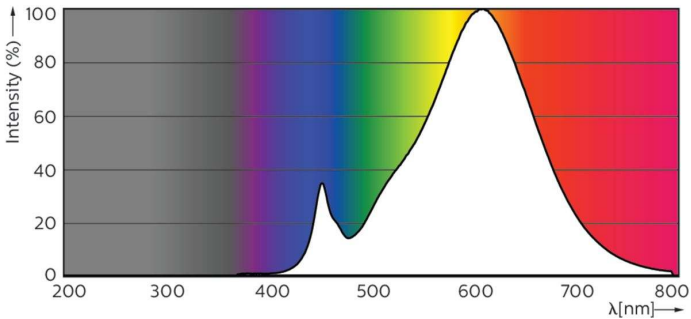
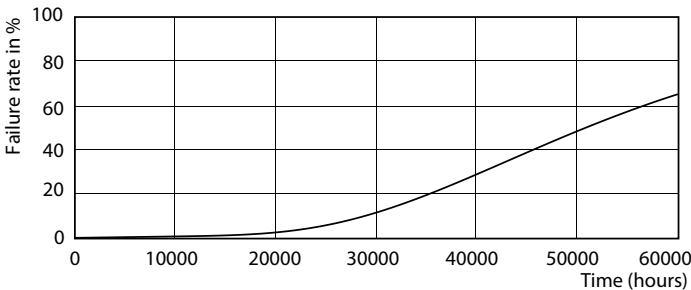Spectral Power Distribution Colour – 8.5PL–C/T/COR/26H–827/IF8/P/4P/DIM 10/1

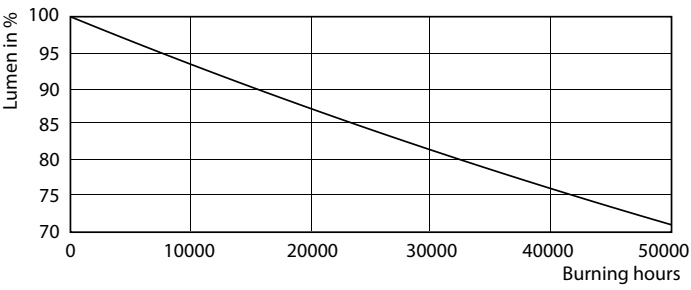General uniform lighting – 8.5PL–C/T/COR/26H–827/IF8/P/4P/DIM 10/1
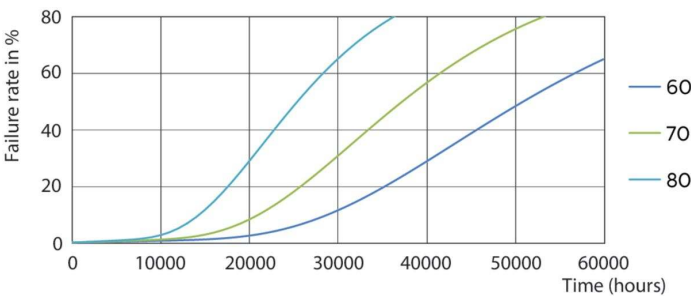
PL-C/T

Photometric data
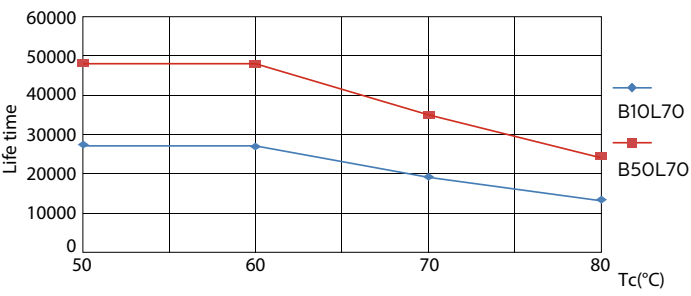
Lifetime

LEDtube PLC 100mm 9W G24Q GX24Q 827 850lm

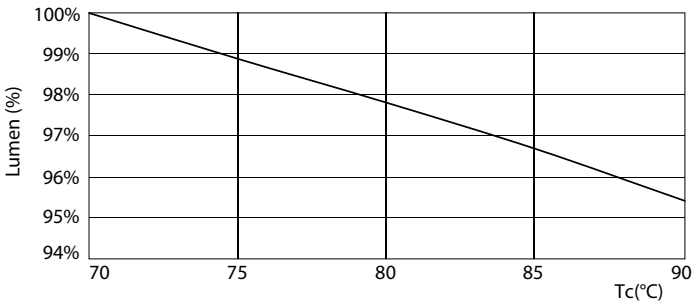Lumen Maintenance Diagram – 8.5PL-C/T/COR/26H-827/IF8/P/4P/DIM 10/1

LEDtube PLC 100mm 9W G24Q GX24Q 827 850lm

LEDtube PLC 100mm 9W G24Q GX24Q 827 850lm

Lifetime

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

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2023, August 2 – data subject to change