PL-C/T

12PLC/T LED/32H/827/IF/4P/DIM 1PK 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 [G24q]
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical

Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	120 degree(s)
Luminous Flux	1,300 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	108.00 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	12 W

Lamp Current (Max)	500 mA
Lamp Current (Min)	150 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	25-55 V
UL Type	Type A - works on ballast

Temperature

Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	25 °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

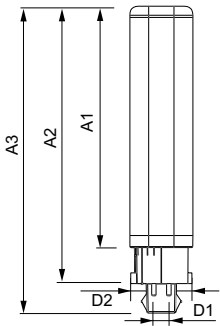# PL-C/T

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

Product Data

Order product name	12PLC/T LED/32H/827/IF/4P/DIM 1PK 10/1

Full product name	12PLC/T LED/32H/827/IF/4P/DIM 1PK 10/1
Order code	929001819704
Material Nr. (12NC)	929001819704
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	046677476069
Numerator – Packs per outer box	10
EAN/UPC – Case	50046677476064

Dimensional drawing

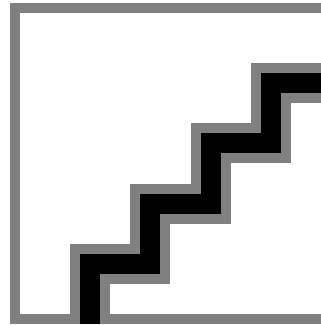

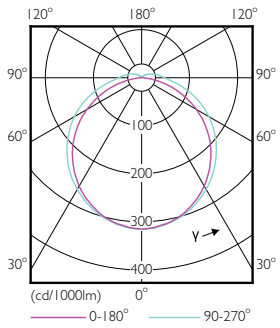| Product	D1	D2	A1	A2	A3
12PLC/T LED/32H/827/IF/4P/DIM 1PK 10/1	24.3 mm	28.4 mm	128.8 mm	148 mm	163.6 mm

Photometric data
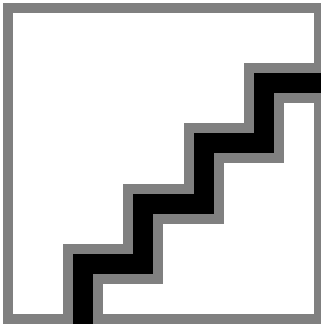
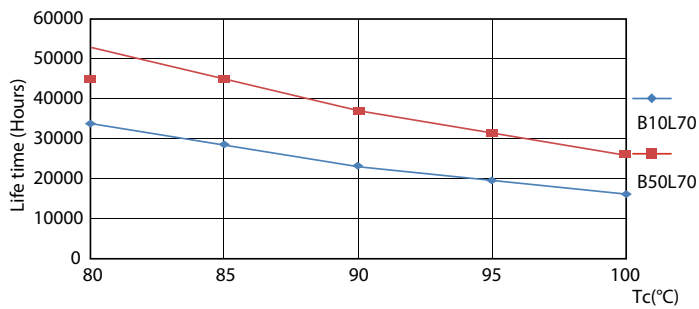General uniform lighting – 12PLC/T LED/32H/827/IF/4P/DIM 1PK 10/1

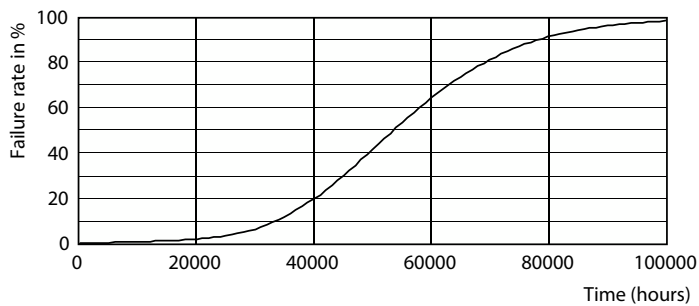Spectral Power Distribution Colour – 12PLC/T LED/32H/827/IF/4P/DIM 1PK 10/1

PL-C/T

Photometric data

Lifetime

B10L70

B50L70

Life Expectancy Diagram – 12PLC/T LED/32H/827/IF/4P/DIM 1PK 10/1

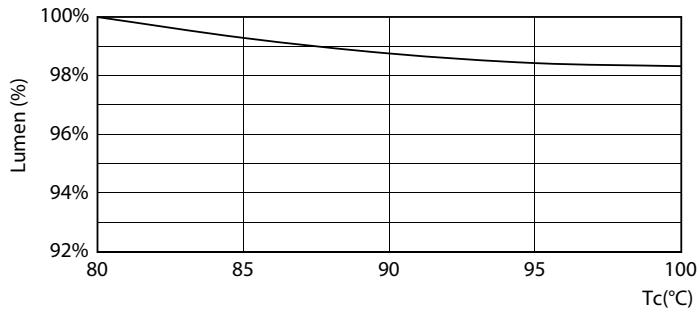Life Expectancy Diagram – 12PLC/T LED/32H/827/IF/4P/DIM 1PK 10/1

Life Expectancy Diagram – 12PLC/T LED/32H/827/IF/4P/DIM 1PK 10/1

Lumen Maintenance Diagram – 12PLC/T LED/32H/827/IF/4P/DIM 1PK 10/1

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Lifetime

Lumen Maintenance Diagram – 12PLC/T LED/32H/827/IF/4P/DIM 1PK 10/1

www.lighting.philips.com

2023, November 14 – data subject to change