



PL-C/T

12PLC/T LED/32V/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	GX24q	
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	1,350 lm	
Color Designation	Warm White (WW)	
Correlated Color Temperature (Nom)	2700 K	
Luminous Efficacy (rated) (Nom)	112.00 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 ℃
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	100 mm
Bulb Shape	PL-C;PL-T

Datasheet, 2023, November 12 data subject to change

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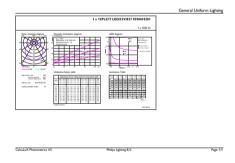
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate KEMA Keur
	certificate DLC compliance
Energy Consumption kWh/1000 h	- kWh
Energy Certifications	DLC Standard
Product Data	
Order product name	12PLC/T LED/32V/827/IF/4P/DIM 1PK 10/1

Full product name	12PLC/T LED/32V/827/IF/4P/DIM 1PK 10/1
Order code	929001820104
Material Nr. (12NC)	929001820104
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677476106
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677476101

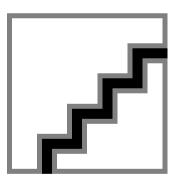
Dimensional drawing

Product	D1	D2	A1	A2	А3
12PLC/T LED/32V/827/IF/4P/DIM	24.3 mm	29 mm	99.9 mm	109.9 mm	125.5 mm
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Photometric data



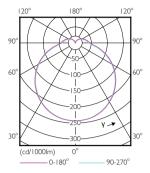
General uniform lighting - 12PLC/T LED/32V/827/IF/4P/DIM 1PK 10/1



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

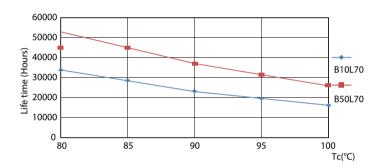
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Photometric data

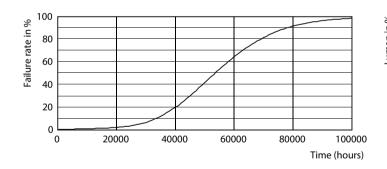


Light Distribution Diagram - 12PLC/T LED/32V/827/IF/4P/DIM 1PK 10/1

Lifetime

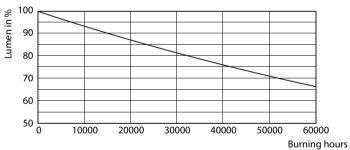


Life Expectancy Diagram - 12PLC/T LED/32V/827/IF/4P/DIM 1PK 10/1



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



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

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Lifetime

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



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