



PL-C/T

12PL-C/T/COR/32V-830/IF14/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	GX24q
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	120 degree(s)
Luminous Flux	1,400 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	116.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	82
LLMF At End Of Nominal Lifetime (Nom	n) 70 %
Operating and Electrical	
Line Frequency	20000-100000 Hz
Input Frequency	20000-100000 Hz
Power Consumption	12 W

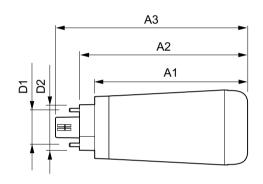
Lamp Current (Max) 500 mA Lamp Current (Min) 150 mA Wattage Equivalent 32 W Starting Time (Nom) 0.5 s Warm-up time to 60% light 0.5 s Power Factor (Fraction) 0.9 Voltage (Nom) 25-55 V UL Type UL Type A Temperature Ambient temperature range -4 °F to 113 °F T-Case Maximum (Nom) 77 °F Controls and Dimming Dimmable Yes Mechanical and Housing Bulb Finish Frosted Bulb Material Plastic Product Length 3-15/16 inch Bulb Shape PL-C;PL-T		
Wattage Equivalent 32 W 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 UL Type A Temperature Ambient temperature range -4 °F to 113 °F T-Case Maximum (Nom) 77 °F Controls and Dimming Dimmable Yes Mechanical and Housing Bulb Finish Frosted Bulb Material Plastic Product Length 3-15/16 inch	Lamp Current (Max)	500 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 UL Type A Temperature Ambient temperature range -4 °F to 113 °F T-Case Maximum (Nom) 77 °F Controls and Dimming Dimmable Yes Mechanical and Housing Bulb Finish Frosted Bulb Material Plastic Product Length 3-15/16 inch	Lamp Current (Min)	150 mA
Warm-up time to 60% light 0.5 s Power Factor (Fraction) 0.9 Voltage (Nom) 25-55 V UL Type UL Type A Temperature Ambient temperature range -4 °F to 113 °F T-Case Maximum (Nom) 77 °F Controls and Dimming Dimmable Yes Mechanical and Housing Bulb Finish Frosted Bulb Material Plastic Product Length 3-15/16 inch	Wattage Equivalent	32 W
Power Factor (Fraction) O.9 Voltage (Nom) UL Type UL Type A Temperature Ambient temperature range T-Case Maximum (Nom) To F Controls and Dimming Dimmable Yes Mechanical and Housing Bulb Finish Frosted Bulb Material Plastic Product Length O.9 O.9 V.9 Ves UL Type A Frosted Plastic Product Length O.9 Ves UL Type A Frosted Plastic	Starting Time (Nom)	0.5 s
Voltage (Nom) 25-55 V UL Type UL Type A Temperature Ambient temperature range -4 °F to 113 °F T-Case Maximum (Nom) 77 °F Controls and Dimming Dimmable Yes Mechanical and Housing Bulb Finish Frosted Bulb Material Plastic Product Length 3-15/16 inch	Warm-up time to 60% light	0.5 s
UL Type UL Type A Temperature Ambient temperature range -4 °F to 113 °F T-Case Maximum (Nom) 77 °F Controls and Dimming Dimmable Yes Mechanical and Housing Bulb Finish Frosted Bulb Material Plastic Product Length 3-15/16 inch	Power Factor (Fraction)	0.9
Temperature Ambient temperature range -4 °F to 113 °F T-Case Maximum (Nom) 77 °F Controls and Dimming Dimmable Yes Mechanical and Housing Bulb Finish Frosted Bulb Material Plastic Product Length 3-15/16 inch	Voltage (Nom)	25-55 V
Ambient temperature range -4 °F to 113 °F T-Case Maximum (Nom) 77 °F Controls and Dimming Dimmable Yes Mechanical and Housing Bulb Finish Frosted Bulb Material Plastic Product Length 3-15/16 inch	UL Type	UL Type A
Ambient temperature range -4 °F to 113 °F T-Case Maximum (Nom) 77 °F Controls and Dimming Dimmable Yes Mechanical and Housing Bulb Finish Frosted Bulb Material Plastic Product Length 3-15/16 inch		
T-Case Maximum (Nom) 77 °F Controls and Dimming Dimmable Yes Mechanical and Housing Bulb Finish Frosted Bulb Material Plastic Product Length 3-15/16 inch	Temperature	
Controls and Dimming Dimmable Yes Mechanical and Housing Bulb Finish Frosted Bulb Material Plastic Product Length 3-15/16 inch	Ambient temperature range	-4 °F to 113 °F
Dimmable Yes Mechanical and Housing Bulb Finish Frosted Bulb Material Plastic Product Length 3-15/16 inch	T-Case Maximum (Nom)	77 °F
Dimmable Yes Mechanical and Housing Bulb Finish Frosted Bulb Material Plastic Product Length 3-15/16 inch		
Mechanical and Housing Bulb Finish Frosted Bulb Material Plastic Product Length 3-15/16 inch	Controls and Dimming	
Bulb Finish Frosted Bulb Material Plastic Product Length 3-15/16 inch	Dimmable	Yes
Bulb Finish Frosted Bulb Material Plastic Product Length 3-15/16 inch		
Bulb Material Plastic Product Length 3-15/16 inch	Mechanical and Housing	
Product Length 3-15/16 inch	Bulb Finish	Frosted
<u> </u>	Bulb Material	Plastic
Bulb Shape PL-C;PL-T	Product Length	3-15/16 inch
	Bulb Shape	PL-C;PL-T

Datasheet, 2023, August 16 data subject to change

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
Application Conditions	
can it be used in closed luminaires	Yes
Product Data	
Order product name	12PL-C/T/COR/32V-830/IF14/P/4P/DIM 10/1

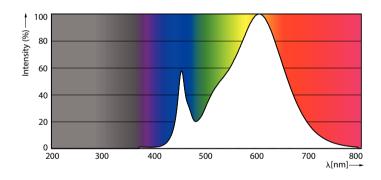
Full product name	12PL-C/T/COR/32V-830/IF14/P/4P/DIM 10/1
Order code	476119
Material Nr. (12NC)	929001820204
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677476113
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677476118

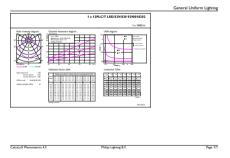
Dimensional drawing



Product	D1	D2	A1	A2	А3
12PL-C/T/COR/32V-830/	1 inch	1-3/16 inch	3-15/16 inch	4-3/8 inch	5 inch
IF14/P/4P/DIM 10/1					

Photometric data

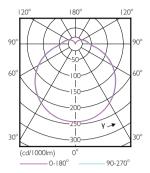




Spectral Power Distribution Colour - 12PL-C/T/COR/32V-830/ IF14/P/4P/DIM 10/1 General uniform lighting - 12PL-C/T/COR/32V-830/IF14/P/4P/DIM 10/1

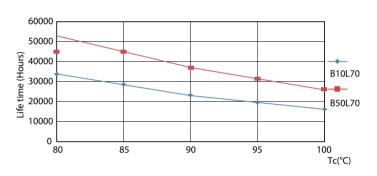
PL-C/T

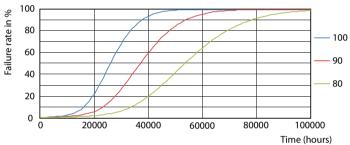
Photometric data



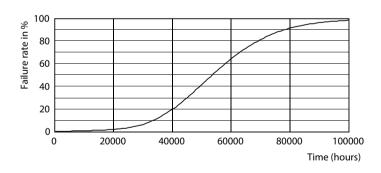
Light Distribution Diagram - 12PL-C/T/COR/32V-830/IF14/P/4P/DIM 10/1

Lifetime

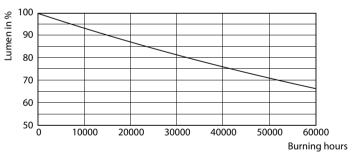




Life Expectancy Diagram - 12PL-C/T/COR/32V-830/IF14/P/4P/DIM 10/1



Life Expectancy Diagram - 12PL-C/T/COR/32V-830/IF14/P/4P/DIM 10/1



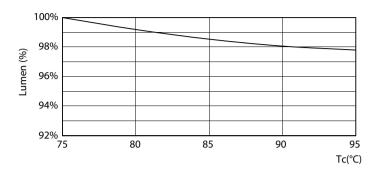
Life Expectancy Diagram - 12PL-C/T/COR/32V-830/IF14/P/4P/DIM 10/1

Lumen Maintenance Diagram - 12PL-C/T/COR/32V-830/IF14/P/4P/DIM 10/1

3

PL-C/T

Lifetime



Lumen Maintenance Diagram - 12PL-C/T/COR/32V-830/IF14/P/4P/DIM 10/1

