

**12PL-C/T/COR/32H-840/
IF14/P/4P/DIM 10/1**

929001820004



CorePro, LED, PL-C;PL-T, 148 mm, 12 W, 4000 K, 1450 lm, 50000 hour(s)

CorePro, LED, PL-C;PL-T, 148 mm, 12 W, 4000 K, 1450 lm, 50000 hour(s), 120.00 lm/W, G24q Rotatable end-cap, Plastic

General Information

Cap-Base	G24q Rotatable end-cap
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED

Light Technical

Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	120 degree(s)
Luminous Flux	1,450 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	120.00 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
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

T-Case Maximum (Nom)	25 °C
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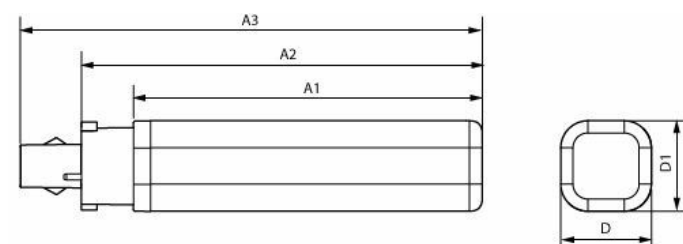
Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	148 mm
Bulb Shape	PL-C;PL-T
Net Weight (Piece)	0.082 kg

Dimensional drawing



D	D1	A1	A2	A3
34mm	34mm	129mm	148mm	164mm

Approval and Application

Energy Saving Product	Yes
Approval Marks	RoHS compliance
Energy Certifications	DLC Standard
EU RoHS compliant	Yes
Ambient temperature range	-20 °C to 45 °C

Application Conditions

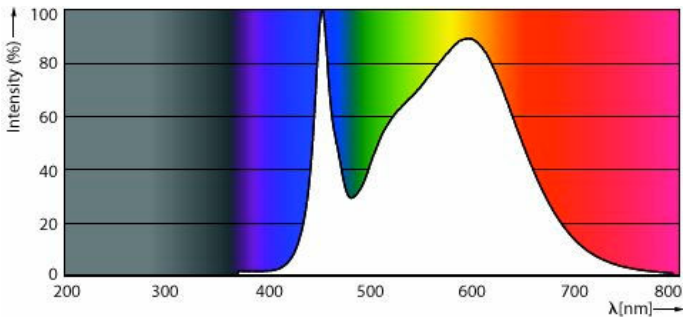
can it be used in closed luminaires	Yes
Wireless Technology	Not applicable

Product Data

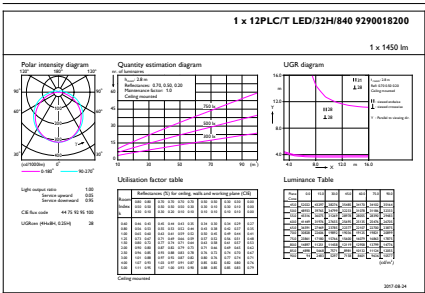
Order product name	12PL-C/T/COR/32H-840/IF14/P/4P/DIM 10/1
Full product name	12PL-C/T/COR/32H-840/IF14/P/4P/DIM 10/1
Order code	929001820004
Material Nr. (12NC)	929001820004
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677476090
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677476095

Product	D1	D	A1	A2	A3
12PL-C/T/COR/32H-840/IF14/P/4P/DIM 10/1	34 mm	34 mm	129 mm	148 mm	164 mm

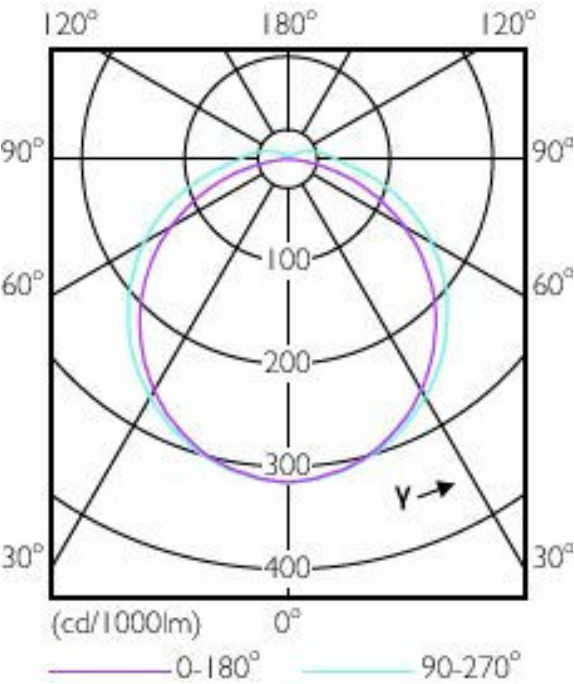
Photometric data



Spectral Power Distribution Colour - 12PL-C/T/COR/32H-840/IF14/P/4P/DIM 10/1

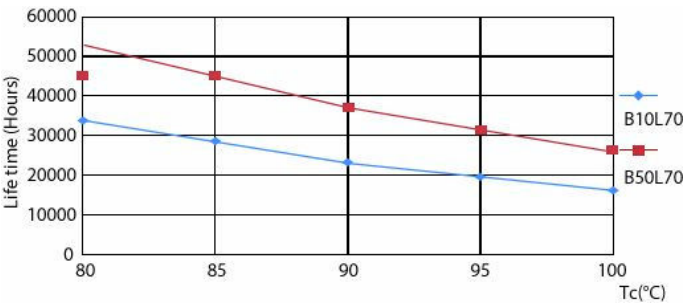


General uniform lighting - 12PL-C/T/COR/32H-840/IF14/P/4P/DIM 10/1

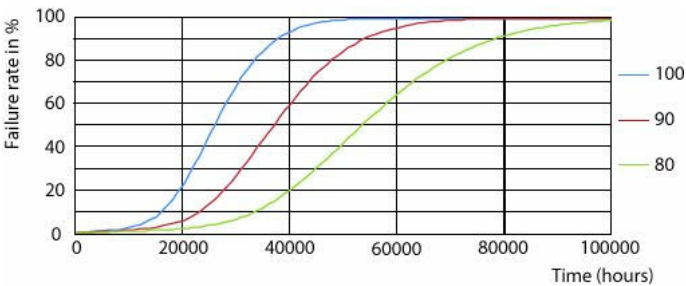


Light Distribution Diagram - 12PL-C/T/COR/32H-840/IF14/P/4P/DIM 10/1

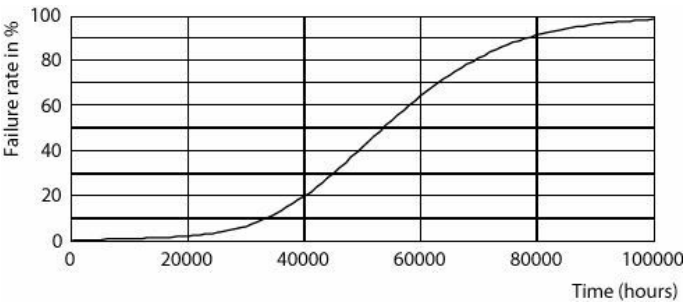
Lifetime



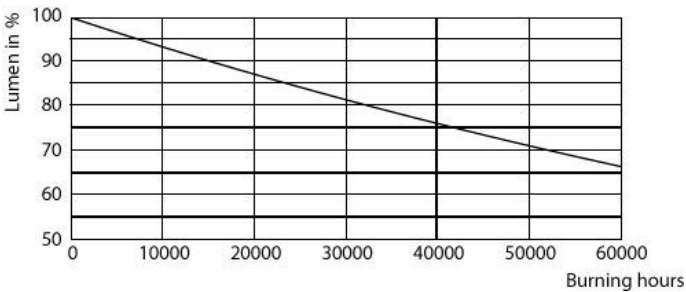
LEDtube PLC/T 12W G24Q 827-840 32H-32V DIM



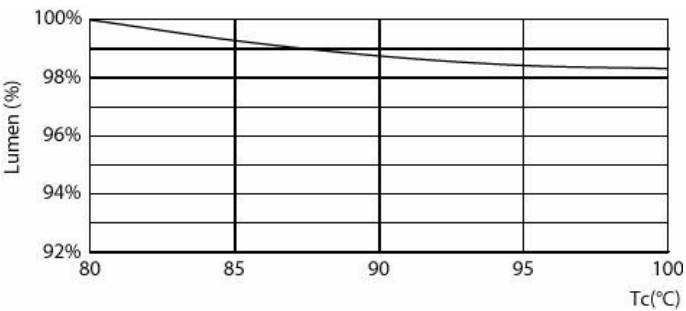
LEDtube PLC/T 12W G24Q 827-840 32H-32V DIM



LEDtube PLC/T 12W G24Q 827-840 32H-32V DIM



Lumen Maintenance Diagram - 12PL-C/T/COR/32H-840/IF14/P/4P/DIM 10/1



Lumen Maintenance Diagram - 12PL-C/T/COR/32H-840/IF14/P/4P/DIM 10/1

Related Documents

Documents and certificates	Document Name	Download
Environmental Product Declaration	Philips-8-5PL-C-T-COR-26H-840-IF9-P-4P-DIM-10-1-COMF-7403978-Ref-929001388304-EPD.pdf	Download 
Photometry and lighting design	Document Name	Download
IES File	LEDtube_PLC_T_12W_G24Q_840_32H_DIM-IES.ies	Download 

