



LED InstantFit Lamps

12PLC/T LED/32V/827/IF/4P/DIM 1PK 10/1

Philips LED T8 InstantFit Lamps are an ideal energy saving choice for existing linear fluorescent fixtures.

Product data

General Information		Voltage (Nom) 25-55 V	
Cap-Base	G24Q/GX24Q [G24q/GX24q]	Temperature	
Main Application	Industrial	T-Ambient (Max)	45 °C
Nominal Lifetime (Nom)	50000 h	T-Ambient (Min)	-20 °C
Switching Cycle	50000X	T-Storage (Max)	65 °C
B50L70	50000 h	T-Storage (Min)	-40 °C
Light Technical		Controls and Dimming	
Color Code	827 [CCT of 2700K]	Dimmable	Yes
Initial lumen (Nom)	1350 lm	Mechanical and Housing	
Luminous Flux (Rated) (Nom)	1350 lm	Product Length	100 mm
Correlated Color Temperature (Nom)	2700 K	Approval and Application	
Color Consistency	<6	Energy Saving Product	Yes
Color Rendering Index (Nom)	82	Approbation Marks	UL certificate RoHS compliance KEMA Keur certificate DLC compliance
LLMF At End Of Nominal Lifetime (Nom)	70 %	Product Data	
Operating and Electrical		Order product name	12PLC/T LED/32V/827/IF/4P/DIM 1PK 10/1
Input Frequency	20000-100000 Hz	EAN/UPC - Product	046677476106
Power (Rated) (Nom)	12 W	Order code	476101
Lamp Current (Max)	500 mA	Numerator - Quantity Per Pack	1
Lamp Current (Min)	150 mA	Numerator - Packs per outer box	10
Starting Time (Nom)	0.5 s		
Warm Up Time to 60% Light (Nom)	0.5 s		
Power Factor (Nom)	0.9		

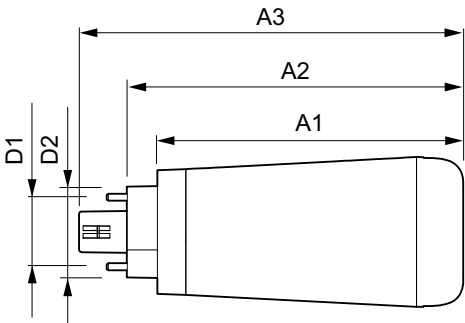
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Material Nr. (12NC)	929001820104
Net Weight (Piece)	0.082 kg
Model Number	9290018201

Warnings and Safety

- Perform a visual inspection to ensure lamp holders (or sockets) are not damaged or loose. If the lamp holders (or sockets) are damaged, corroded, charred, blackened or loose, contact a qualified electrician for proper replacement.
- Please refer to the ballast compatibility guide located at www.philips.com/instantfit.

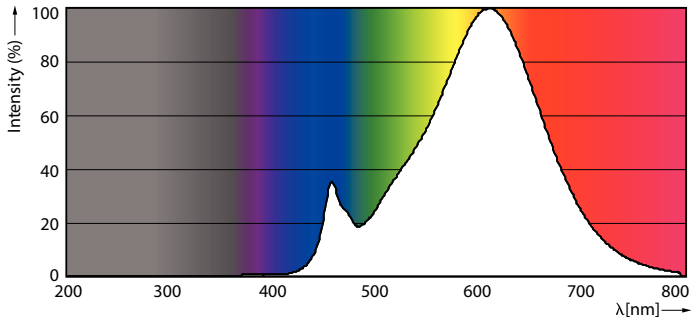
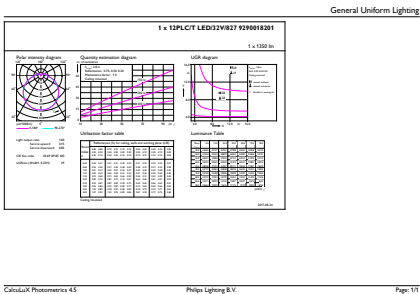
Dimensional drawing



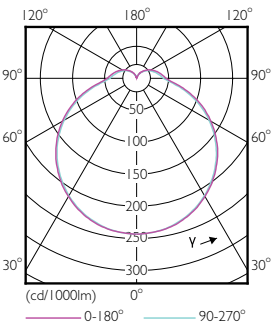
PLED 120V 12-32W 1350lm 2700K G24/Gx24

Product	D1	D2	A1	A2	A3
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



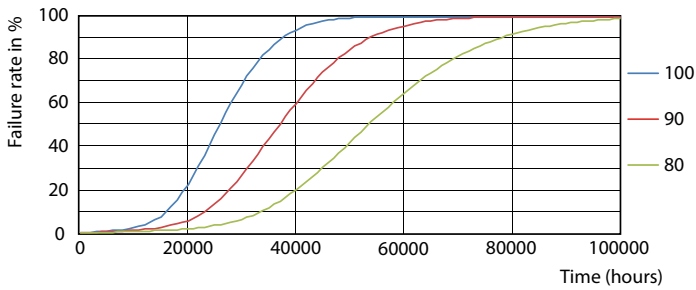
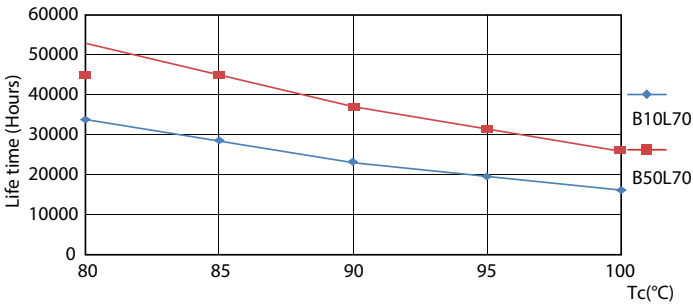
LEDtube PLC/T 12W G24Q 827 32H-32V DIM



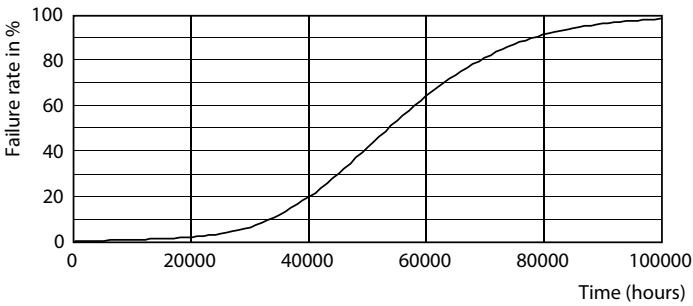
LEDtube PLC/T 12W G24Q 827 32V DIM

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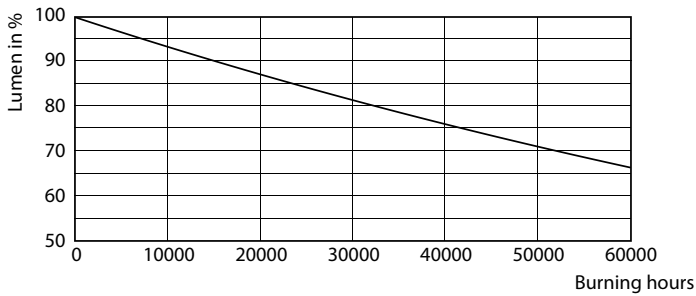
Lifetime



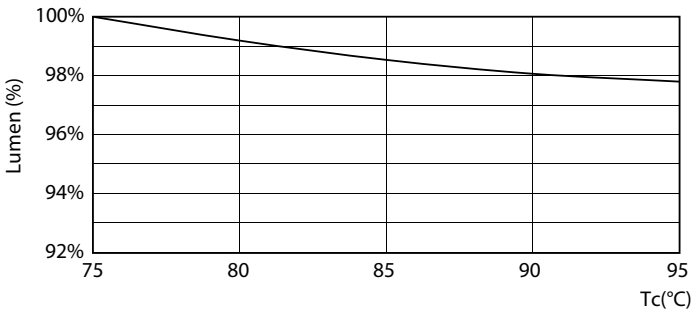
LEDtube PLC/T 12W G24Q 827-840 32H-32V DIM



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