



Pila LED tube

C

Pila LED tube 1200mm 16W 840 G13

1600 lm, 100 lm/W, 4000K, 16 W

PILA LEDtubes is a comprehensive and cost-effective solution that facilitates the transition to LED technology. The product integrates an LED light source into a traditional fluorescent tube format. Easy retrofit and energy savings.

Product data

General Information

Cap-Base	G13
Nominal lifetime	20000
Switching Cycle	50000
Lighting Technology	LED
Flux measurement reference	Sphere

Light Technical

Color Code	840 [CCT 4000K]
Beam Angle (Nom)	240 °
Luminous Flux	1600 lm
Color Designation	Cold white (CW)
Correlated Color Temperature (Nom)	4000K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Ballast Compatibility

Ballast Compatibility	EM/Mains
-----------------------	----------

Temperature

T-Case Maximum (Nom)	75
----------------------	----

Controls and Dimming

Dimmable	No
----------	----

Mechanical and Housing

Bulb Finish	Matt
Bulb Material	Glass
Bulb Shape	T8
Net Weight (Piece)	0,215 kg

Application conditions

Can it be used in closed fixtures?	Yes
------------------------------------	-----

Operating and Electrical

Line Frequency	50-60 Hz
Power Consumption	16 W
Lamp Current (Nom)	134 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s

Color rendering index (CRI)

Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Power Factor (Fraction)	>0.5
Voltage (Nom)	220 do 240 V
LED alternative to fluorescent lamp pov 36W TL-D	
Energy Consumption kWh/1000 h	16 kWh

Approval and Application

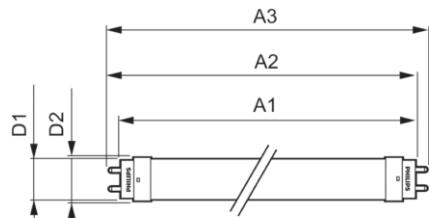
Energy Efficiency Class	F
Energy Saving Product	Nie
Approval Marks	RoHS compliant CE mark
EPREL Registration Number	723696
CE mark	Yes
EU RoHS compliant	Yes
Flickering value (PstLM)	0.1
Stroboscopic effect visibility	0.3
Ambient temperature range	From -20°C to +45°C

Product Data

Order product name	Pila LED tube 1200mm 16W 840 G13
Full product name	Pila LED tube 1200mm 16W 840 G13
Full EOC	8727900971118

Material Nr. (12NC)	929003131102
Quantity Per Pack	1
EAN/UPC - Product/Case	8727900971118
Packs per outer box	20
EAN/UPC - Case	8727900971125

Dimensional drawing



© 2025 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

2025, July - data subject to change