

Lighting

PHILIPS

Essential LEDtube

LEDtube 1200mm 16W 740 T8 AP I G

Essential LEDtube is an affordable LED tube that is suitable for replacing T8 fluorescent lamps. The product provides a natural lighting effect for use in general lighting applications, as well as instant energy savings – an environmentally friendly solution.

Product data

General information					
Cap-Base	G13 [Medium Bi-Pin Fluorescent]				
EU RoHS compliant	Yes				
Nominal Lifetime (Nom)	15000 h				
Switching Cycle	50000X				
Light technical					
Color Code	740 [CCT of 4000K]				
Beam Angle (Nom)	240 °				
Luminous Flux (Nom)	1600 lm				
Color Designation	Cool White (CW)				
Correlated Color Temperature (Nom)	4000 K				
Luminous Efficacy (rated) (Nom)	100.00 lm/W				
Color Consistency	<7				
Color Rendering Index (Nom)	73				
LLMF At End Of Nominal Lifetime (Nom)	70 %				
Operating and electrical					

Input Frequency	50 to 60 Hz
Power (Nom)	16 W
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.5

Voltage (Nom)	220-240 V			
Temperature				
T-Ambient (Max)	45 °C			
T-Ambient (Min)	-20 °C			
T-Storage (Max)	65 ℃			
T-Storage (Min)	-40 °C			
T-Case Maximum (Nom)	60 °C			
Controls and dimming				
Dimmable	No			
Mechanical and housing				
Product Length	1200 mm			
Bulb Shape	Tube, double-ended			
Approval and application				
Energy Saving Product	Yes			
Suitable For Accent Lighting	No			
Approval Marks	RoHS compliance KEMA Keur certificate			
Energy Consumption kWh/1000 h	16 kWh			

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Product data	
Full product code	871869659996900
Order product name	LEDtube 1200mm 16W 740 T8 AP I G
EAN/UPC - Product	8718696599969
Order code	929001184538
Numerator - Quantity Per Pack	1

Numerator - Packs per outer box	20		
Material Nr. (12NC)	929001184538		
Net Weight (Piece)	0.222 kg		

Dimensional drawing



Product	D1	D2	A1	A2	A3	с	D
LEDtube 1200mm	25.68	28 mm	1198	1205	1212	1212	27.8
16W 740 T8 AP I G	mm		mm	mm	mm	mm	mm

LEDtube 1200mm 16W 740 T8 AP I G

Photometric data





LEDtube 600mm 8W 740 T8 CN I G



LEDtube 1200mm 16W G13 T8 740 1600lm AP C G

LEDtube 1200mm 16W 740 T8 CN I G

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Lifetime



LEDtube 16W G13 740 T8 AP I G







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LEDtube 16W G13 740 T8 AP I G

LEDtube 16W G13 740 T8 AP I G

60

70

80

20000

Time (hours)

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