

Essential LEDtube

ESSENTIAL LEDtube 1200mm 18W 840 T8I W 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]				
Nominal lifetime	30,000 hour(s)				
Switching Cycle	50,000				
Lighting Technology	LED				
EU RoHS compliant	Yes				
Light Technical					
Color Code	840 [CCT of 4000K]				
Beam Angle (Nom)	240 degree(s)				
Luminous Flux	1,850 lm				
Correlated Color Temperature (Nom)	4000 K				
Color Consistency	<6				
Color rendering index (CRI)	82				
LLMF At End Of Nominal Lifetime (Nom) 70 %					
Operating and Electrical					
Line Frequency	50 to 60 Hz				
Input Frequency	50 to 60 Hz				
Power Consumption	18 W				
Starting Time (Nom)	0.5 s				
Warm-up time to 60% light	Instant full light s				
Power Factor (Fraction)	0.92				

Voltage (Nom)	100-240 V				
Temperature					
Ambient temperature range	-20 °C to 45 °C				
T-Case Maximum (Nom)	70 °C				
Controls and Dimming					
Dimmable	No				
Mechanical and Housing					
Product Length	1,200 mm				
Approval and Application					
Energy Saving Product	Yes				
Suitable For Accent Lighting	No				
Approval Marks	CE marking UL certificate RoHS compliance				
	KEMA Keur certificate				
Energy Consumption kWh/1000 h	18 kWh				
Product Data					
Order product name	ESSENTIAL LEDtube 1200mm 18W 840 T8I W				
	G				

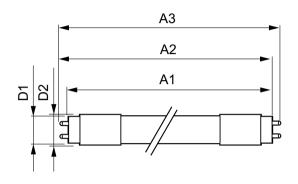
Datasheet, 2023, December 6 data subject to change

Essential LEDtube

Full product name	ESSENTIAL LEDtube 1200mm 18W 840 T8I W				
	G				
Full product code	871869652823500				
Order code	929001193915				
Material Nr. (12NC)	929001193915				
Numerator - Ouantity Per Pack	1				

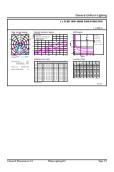
EAN/UPC - Product/Case	8718696528235		
Numerator - Packs per outer box	10		
EAN/UPC - Case	8718696528242		

Dimensional drawing



Product	D1	D2	A1	A2	А3
ESSENTIAL LEDtube 1200mm	25.6 mm	27.8 mm	1,199.4 mm	1,205.3 mm	1,213.6 mm
18W 840 T8I W G					

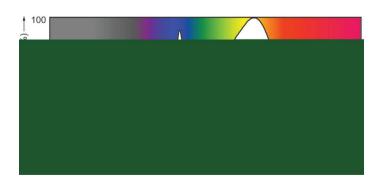
Photometric data





General uniform lighting - ESSENTIAL LEDtube 1200mm 18W 840 T8I W G





Spectral Power Distribution Colour - ESSENTIAL LEDtube 1200mm 18W 840 T8I W G

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