PHILIPS

Lighting

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Essential LEDtube

LEDtube 600mm 8W 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] 15,000 hour(s) 50,000 LED				
Nominal lifetime					
Switching Cycle					
Lighting Technology					
EU RoHS compliant	Yes				
Light Technical					
Color Code	740 [CCT of 4000K]				
Beam Angle (Nom)	240 degree(s)				
Luminous Flux	800 lm Cool White (CW)				
Color Designation					
Correlated Color Temperature (Nom)	4000 K				
Luminous Efficacy (rated) (Nom)	100.00 lm/W				
Color Consistency	<7				
Color rendering index (CRI)	73				
LLMF At End Of Nominal Lifetime (Nom)	70 %				
Operating and Electrical					
Line Frequency	50 to 60 Hz				

50 to 60 Hz

8 W 0.5 s

Warm-up time to 60% light	0.5 s					
Power Factor (Fraction)	0.5					
Voltage (Nom)	220-240 V					
Temperature						
Ambient temperature range	-20 °C to 45 °C					
T-Case Maximum (Nom)	60 °C					
Controls and Dimming						
Dimmable	No					
Mechanical and Housing						
Product Length	600 mm					
Bulb Shape	Т8					
Approval and Application						
Energy Saving Product	Yes					
Suitable For Accent Lighting	No					
Approval Marks	RoHS compliance KEMA Keur certificate					
Energy Consumption kWh/1000 h	8 kWh					
Product Data						
Order product name	LEDtube 600mm 8W 740 T8 AP I G					

Input Frequency

Power Consumption

Starting Time (Nom)

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Full product name LEDtube 600mm 8W 740 T8 AP I G				
Full product code	871869664603800			
Order code	929001184738			
Material Nr. (12NC)	929001184738			
Numerator - Quantity Per Pack	1			

EAN/UPC - Product/Case	8718696646038		
Numerator - Packs per outer box	20		
EAN/UPC - Case	8718696646045		

Dimensional drawing

Product	D1	D2	A1	A2	A3	с	D
LEDtube 600mm	25.68	28 mm	588.5	595.5	602.5	602.5	27.8
8W 740 T8 AP I G	mm		mm	mm	mm	mm	mm

Photometric data



Calculat P

150° 180° -200--150 120° 120° -100-50 90 90° 60[°] 60° 50 -200-(cd/1000**l**m) 0° 0-180° 90-270°

General uniform lighting - LEDtube 600mm 8W 740 T8 AP I G



Spectral Power Distribution Colour - LEDtube 600mm 8W 740 T8 AP I G

Light Distribution Diagram - LEDtube 600mm 8W 740 T8 AP I G

150°

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Lifetime



Life Expectancy Diagram - LEDtube 600mm 8W 740 T8 AP I G



Life Expectancy Diagram - LEDtube 600mm 8W 740 T8 AP I G



Lumen Maintenance Diagram - LEDtube 600mm 8W 740 T8 AP I G









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