



Essential LEDtube

LEDtube HO 1200mm 20W 765 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

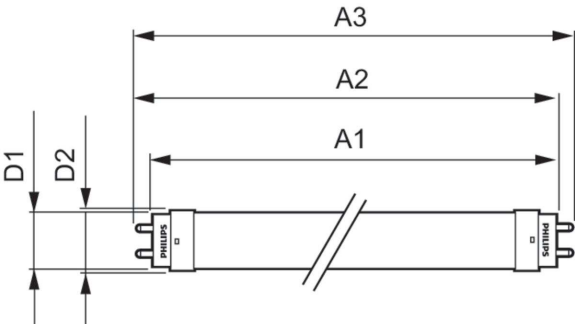
General Information		Warm-up time to 60% light		0.5 s
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Power Factor (Fraction)		0.5
Nominal lifetime	15,000 hour(s)	Voltage (Nom)		220-240 V
Switching Cycle	50,000	Temperature		
Lighting Technology	LED	Ambient temperature range		-20 °C to 45 °C
EU RoHS compliant	Yes	T-Case Maximum (Nom)		65 °C
Light Technical		Controls and Dimming		
Color Code	765 [CCT of 6500K]	Dimmable		No
Beam Angle (Nom)	240 degree(s)	Mechanical and Housing		
Luminous Flux	2,100 lm	Product Length		1,200 mm
Color Designation	Cool Daylight	Bulb Shape		T8
Correlated Color Temperature (Nom)	6500 K	Approval and Application		
Luminous Efficacy (rated) (Nom)	105.00 lm/W	Energy Saving Product		Yes
Color Consistency	<7	Approval Marks		RoHS compliance KEMA Keur certificate
Color rendering index (CRI)	70	Energy Consumption kWh/1000 h		20 kWh
LLMF At End Of Nominal Lifetime (Nom)	70 %	Product Data		
Operating and Electrical		Order product name		LEDtube HO 1200mm 20W 765 T8 AP I G
Line Frequency	50 to 60 Hz	Full product name		LEDtube HO 1200mm 20W 765 T8 AP I G
Input Frequency	50 to 60 Hz			
Power Consumption	20 W			
Starting Time (Nom)	0.5 s			

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Full product code	871869667436900
Order code	929001277308
Material Nr. (12NC)	929001277308
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696674369

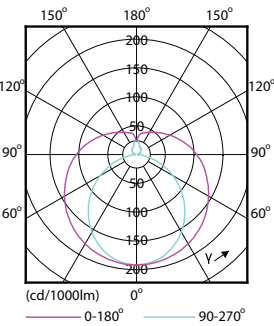
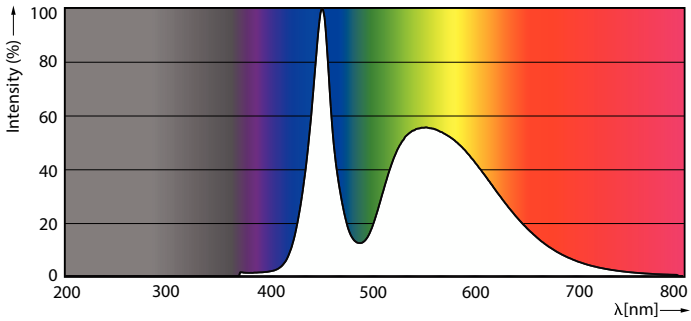
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696674376

Dimensional drawing



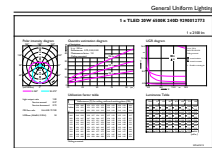
Product	D1	D2	A1	A2	A3
LEDtube HO 1200mm 20W 765 T8 AP I G	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

Photometric data



Spectral Power Distribution Colour - LEDtube HO 1200mm 20W 765 T8 AP I G

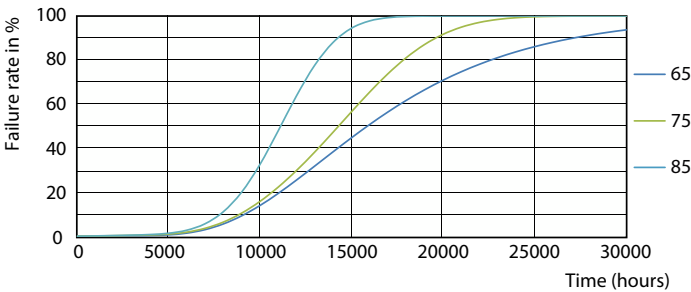
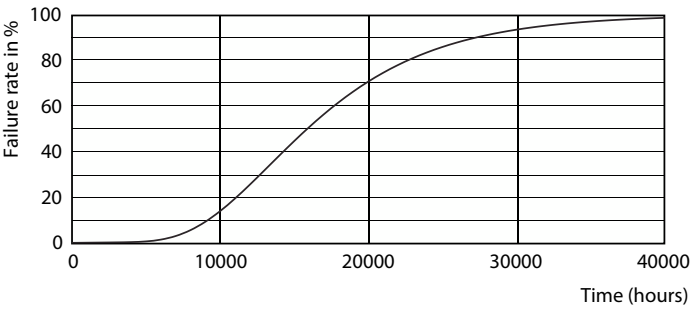
Light Distribution Diagram - LEDtube HO 1200mm 20W 765 T8 AP I G



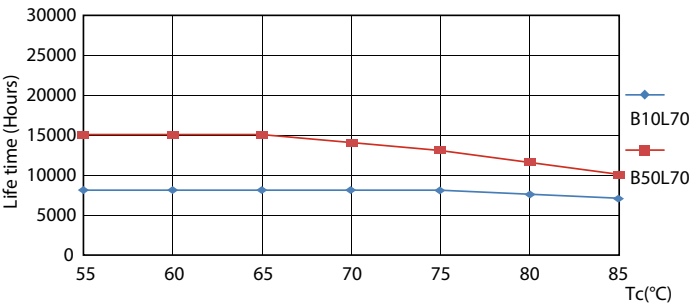
General uniform lighting

General uniform lighting - LEDtube HO 1200mm 20W 765 T8 AP I G

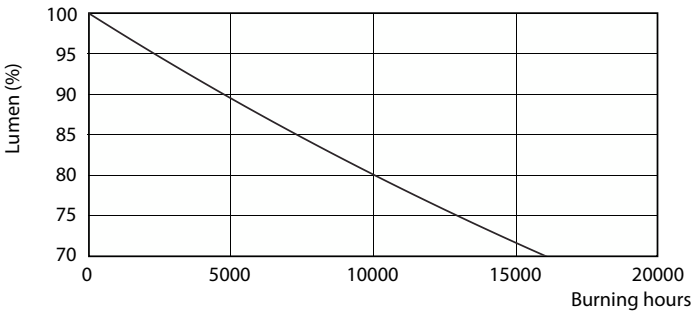
Lifetime



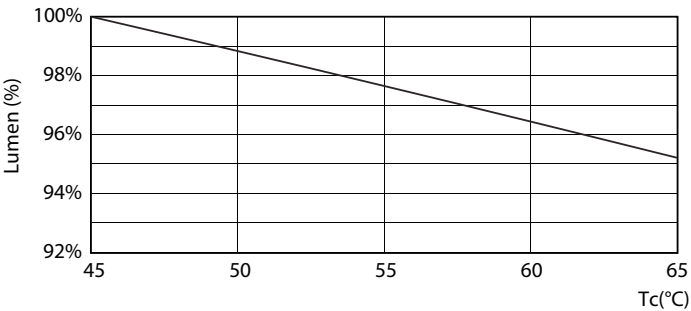
Life Expectancy Diagram - LEDtube HO 1200mm 20W 765 T8 AP I G



Life Expectancy Diagram - LEDtube HO 1200mm 20W 765 T8 AP I G



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Lumen Maintenance Diagram - LEDtube HO 1200mm 20W 765 T8 AP I G

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