



Specialty LED tube

Ledtube SW DE HO 1200mm 20w 12000k T8

LEDtube, T8, Mains, Double-ended, 1200 mm, 220-240 V, 20 W, 36W TL-D, 12000 K, 2200 lm, 15000 hour(s)

LEDtube, T8, Mains, Double-ended, 1200 mm, 220-240 V, 20 W, LED alternative to 36W TL-D, 12000 K, 2200 lm, 15000 hour(s), 110 lm/W, G13, Beam angle 240 degree(s), Glass, RGO

Product data

General Information			
Cap-Base	G13	Power Consumption	20 W
Nominal lifetime	15,000 hour(s)	Lamp Current (Nom)	150 mA
Switching Cycle	50,000	Wattage Equivalent	36 W
Lighting Technology	LEDtube	Starting Time (Nom)	0.5 s
		Warm-up time to 60% light	0.5 s
		Power Factor (Fraction)	0.5
		Voltage (Nom)	220-240 V
		LED alternative to fluorescent lamp power	36W TL-D
		Ballast Compatibility	Mains
Light Technical		Temperature	
Color Code	7120 [CCT of 12000K]	T-Case Maximum (Nom)	60 °C
Beam Angle (Nom)	240 degree(s)		
Luminous Flux	2,200 lm	Controls and Dimming	
Color Designation	12000 Kelvin	Dimmable	No
Correlated Color Temperature (Nom)	12000 K		
Luminous Efficacy (rated) (Nom)	110 lm/W	Mechanical and Housing	
Color Consistency	<6	Bulb Finish	Frosted
Color rendering index (CRI)	70	Bulb Material	Glass
LLMF At End Of Nominal Lifetime (Nom)	70 %	Product Length	1,200 mm
Photobiological safety according to EN 62471	RGO		
Operating and Electrical			
Input Frequency	50 to 60 Hz		

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Bulb Shape	T8
Net Weight (Piece)	0.173 kg

Approval and Application

Energy Saving Product	Yes
Approval Marks	RoHS compliance
EU RoHS compliant	Yes
Ambient temperature range	-20 to +45 °C

Application Conditions

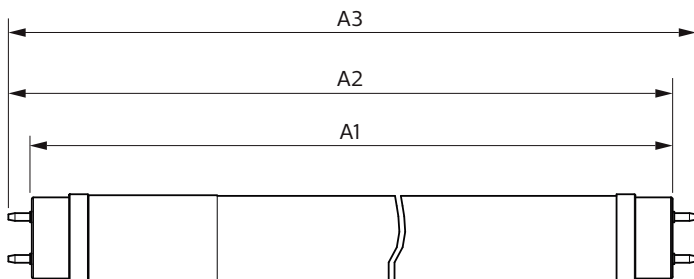
Wireless Technology	Not applicable
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Product Data

Order product name	Ledtube SW DE HO 1200mm 20w 12000k T8
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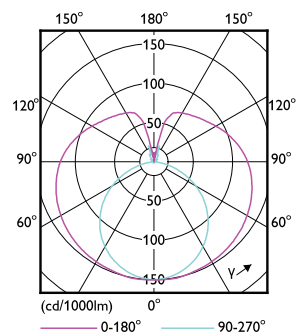
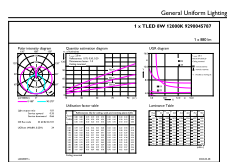
Full product name	Ledtube SW DE HO 1200mm 20w 12000k T8
Full product code	872016933322200
Order code	929004578638
Material Nr. (12NC)	929004578638
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169333222
Numerator - Packs per outer box	25
EAN/UPC - Case	8720169333239

Dimensional drawing



Product	D1	D2	A1	A2	A3
Ledtube SW DE HO 1200mm 20w 12000k T8	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

Photometric data

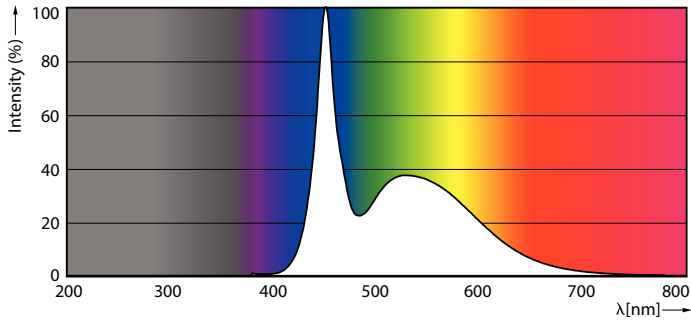


General uniform lighting - Ledtube SW DE HO 1200mm 20w 12000k T8

Light Distribution Diagram - Ledtube SW DE HO 1200mm 20w 12000k T8

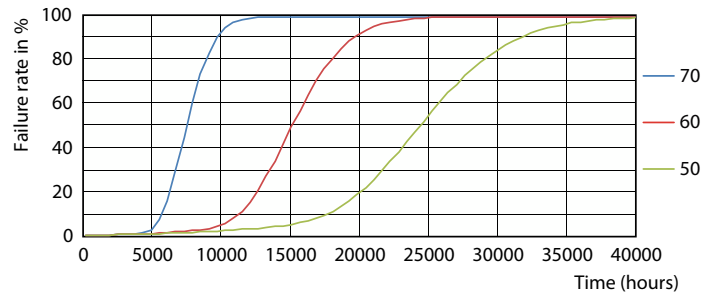
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Photometric data



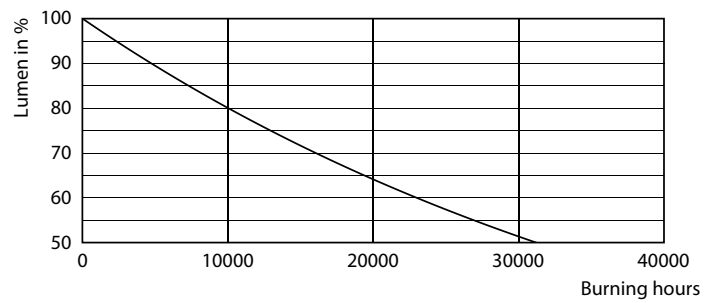
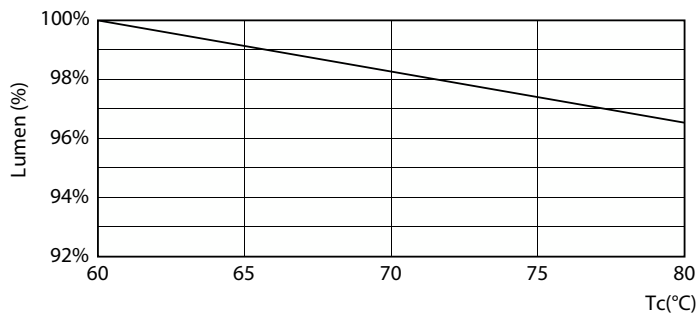
Spectral Power Distribution Colour - Ledtube SW DE HO 1200mm 20w 12000k T8

Lifetime



Life Expectancy Diagram

Life Expectancy Diagram

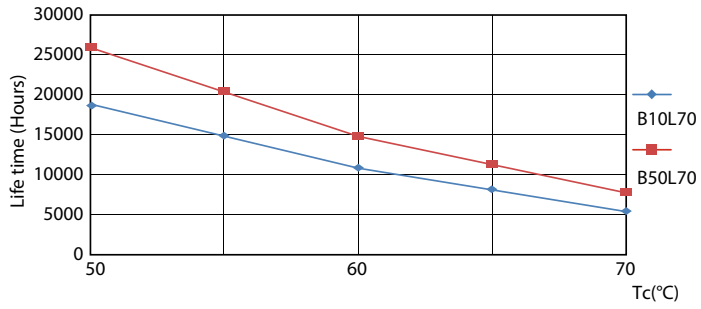


Lumen Maintenance Diagram - Ledtube SW DE HO 1200mm 20w 12000k T8

Lumen Maintenance Diagram - Ledtube SW DE HO 1200mm 20w 12000k T8

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Lifetime



Life Expectancy Diagram

