



Datasheet

LED TUBE T8 NON-AUTONOMOUS



GENERAL DATA

Input Voltage	100 - 240 VAC	Storage temperature	-20 °C .. +70 °C
Battery Operation	190 - 240 VDC	Operating & storage humidity	10 - 80 % rH
Operating frequency	50 - 60 Hz	Motion sensor technology	-
Power factor	0.95	Motion transmission power	-
Peak voltage resistance	300 VACrms	Motion sensor frequency	-
Electronic ballast compatible	No	Motion detection range	-
Form	T8	Adjustable detection range	-
Socket	G13	Communication technology	-
Rotatable Socket	Yes	Communication transmission power	-
Material	Al / PC / PE	Communication frequency	-
Cooling system	Passive / 235 W/(mK)	Communication range	-
Cover	Satin	Active time settings	-
Colour temperature	3000 - 6000 K	Soft light start	No
Colour rendering index	80 - 95	Basic light function	No
Colour Consistency (Mac Adam)	3	Basic light settings	No
Flicker Metric (Pst LM)	0.01	Daylight control	No
Stroboscopic effect metric (SVM)	0.01	Group parameterization	No
UGR (4H/8H; 70/50/20) (per/par)	<27.6/ <25	Swarm intelligence	No
System efficiency *	145 lm/W	Remote Access	No
Energy Class	D		
Number of switching cycles	> 500'000		
Service Life (L70B10)	50'000 h		
IP Protection class	IP20		
Protection class	II		
Risk group LED	RG0		
Operating temperature	-20 °C .. +45 °C		



SCAN
CODE FOR
PRODUCT
PAGE

* Power and luminous flux are subject to initial tolerances of +/- 5%. Unless specified otherwise, they are measured as follows: Colour temperature of 4000K, CRI of <80 and Environmental temperature of 25°C.

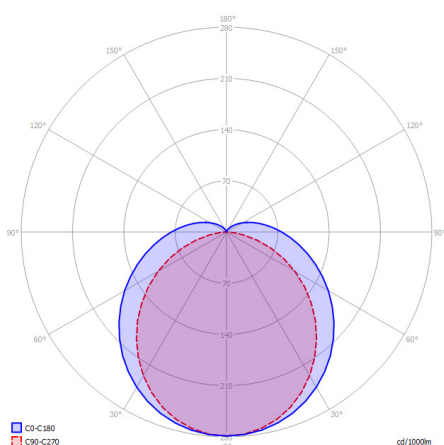
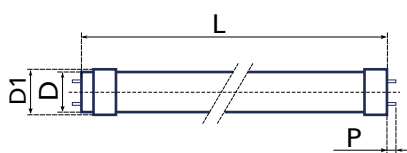
LENGTH DEPENDENT DATA

Nominal Length (N)	60 cm	90 cm	120 cm	150 cm
Power *	10.5 W	15 W	18 W	23.5 W
Useful luminous flux *	1500 lm	2150 lm	2650 lm	3350 lm
Weight	182 g	252 g	312 g	382 g
EPREL ID	1109633	1112517	1112807	1112808
EAN	7640185680906	7640185680975	7640185681033	7640185681101

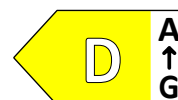
GRAPHICS

Drawing Information

N	60 cm	90 cm	120 cm	150 cm
L	590 mm	895 mm	1200 mm	1500 mm
D	28 mm	28 mm	28 mm	28 mm
D1	31 mm	31 mm	31 mm	31 mm
P	7.5 mm	7.5 mm	7.5 mm	7.5 mm



Measured on a 1.5m Tube/37.5cm Roundlight with 4000K and CRI >80



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