

## T8 LED TUBE FULLY AUTONOMOUS

Data Sheet



**-90%**  
ENERGY  
CONSUMPTION

radar and  
daylight sensor  
integrated

swarm intelligence

system efficiency  
up to 180 lm/W

high-quality aluminium  
housing for optimum  
heat dissipation

Group parameterisation;  
configurable via gateway



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Fully autonomous LED tubes change the illumination intensity automatically. The savings potential is significantly increased by a high lighting efficiency and a shorter operating time. Thanks to several sensors, the

control system takes decisions away from people and adapts the light interactively to their needs. In addition, parameters can be set on the product to save the optimum amount of energy for each application.

## LUMINAIRE DATA

Input Voltage:	100 - 240 VAC	IP Protection class:	IP20
Battery Operation:	190 - 240 VDC	Protection class:	I
Operating frequency:	50 - 60 Hz	Color rendering index:	CRI 80 - 95
Peak stress resistance:	300 VACrms	Flicker free:	Yes
Power factor:	0.95 (100%)	Risk group LED:	RG1
Form:	T8	Colour deviation LED:	SDCM3
Socket:	G13	System Efficiency:	150 - 180 lm/W
Rotatable Socket:	Yes	Colour temperature:	3000 - 6000 K
Material:	Al / PC / PE	Service Life:	90'000 h (L70B10)
Cooling system:	passive/235 W/(mK)	Energy efficiency class:	A++
Sensor Technology:	High frequency	Delay time:	1 s - 60 min
Transmission power:	< 1mW	Base-light:	0 - 100 %
Sensor frequency:	5.725 - 5.875 GHz	Soft light start:	Yes
Sensor range:	10 m	Base-light function:	Yes
Operating temperature:	-20 °C - 45 °C	Daylight control:	Yes
Storage temperature:	-20 °C - 70 °C	Remote access:	Yes
Operating & storage humidity:	10 - 80 % rH	Group parameterization:	Yes
Switching Cycle:	> 500'000	Adjustable radar sensitivity:	Yes
Electronic ballast compatible:	No	Swarm intelligence:	Yes
Diameter Tube:	28 mm	Constant light output control:	Optional
Maximum diameter:	32 mm	Temperature monitoring:	Optional

## LENGTH-DEPENDENT DATA

	0.6 m	0.9 m	1.2 m	1.5 m
Length:	0.6 m	0.9 m	1.2 m	1.5 m
Power:	10 W	15 W	18 W	23 W
Luminous flux clear:	1800 lm (@4000 K)	2700 lm (@4000 K)	3200 lm (@4000 K)	4100 lm (@4000 K)
Luminous flux sat:	1500 lm (@4000 K)	2200 lm (@4000 K)	2700 lm (@4000 K)	3400 lm (@4000 K)
EAN:	7640185681927	7640185682375	7640185681729	7640185681262

## CONTACT

LEDCity AG  
 Technoparkstrasse 1  
 CH-8005 Zürich  
 +41 44 500 73 85  
 info@ledcity.ch

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