

LEDCity

T8 LED TUBE SEMI AUTONOMOUS+

Data Sheet



-90%
ENERGY
CONSUMPTION

radar and
daylight sensor
integrated

high-quality aluminium
housing for optimum
heat dissipation

Bluetooth mesh
network compatible

Group parameterisation;
configurable via app

system efficiency
up to 180 lm/W



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The semi-autonomous+ LED Tubes automatically change the lighting intensity. 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 interactively adjusts the light to the actual need. The tubes can be configured via app to save the optimum amount of energy for each application. They also have group parameterization.

LUMINAIRE DATA

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

LENGTH-DEPENDENT DATA

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:	7640185682948	7640185682955	7640185682962	7640185682979

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