

T5 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: | RG0 |
| Form: | T8 | Colour deviation LED: | SDCM3 |
| Socket: | G5 | 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: | 7640185682436 | 7640185682429 | 7640185682412 | 7640185681736 |

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Date: 9.12.2020