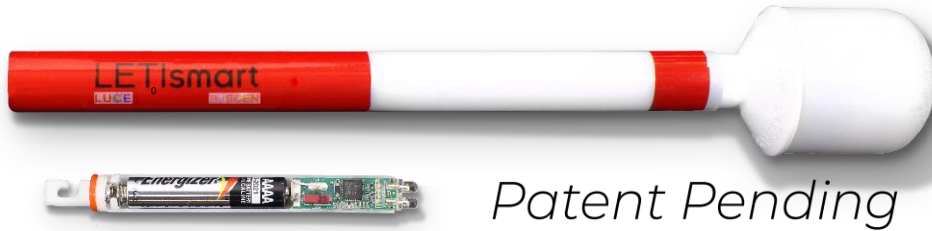




## LETismart LUCE DATASHEET – P/N° 7V2475.01



Patent Pending

### TECHNICAL FEATURES

#### PCB

- Power supply **AAAA alkaline battery 1.5V LR61;E96;LR8D425;ANSI 25A**
- Battery holder **Coiled spring wire**
- LED type **2 OVL-3321 InGan/sapphire**
- Luminous intensity **8000mCD**
- Flashing frequency **3 flash/second**
- Color **Cool white**
- Operating time (turned on LED) **30h**
- Operating time (test) **200h**
- Operating time (turned off LED) **1000h**
- Digital sensor **High sensitivity to sunlight**

#### CANE SEGMENT

- Amplitude of visibility **360°**
- Segment material **Acetal homopolymer resin**
- Diameter (mm) **Ø 13,60**
- Height (mm) **250,00 adjustable standard**
- Tube weight (g) **15,53 (fiber Ca 21,9 e Al 12,7)**
- Chassis weight with batt. (g) **10,09 (PCB only: 1,53)**

#### ACOUSTIC WARNING DEPENDING ON BATTERY CHARGE LEVEL:

- 3 beep = battery voltage >1,4V
- 2 beep = battery voltage between 1,3V and 1,1V
- 1 beep = battery voltage >1,1V

### PROTECTIVE MEASURES

- WATER RESISTANT
- IMPACT RESISTANT

### RECOMMENDATIONS

- FOR CORRECT USE A PROPER TRAINING FROM A CERTIFIED ORIENTATION & MOBILITY SPECIALIST IS REQUIRED.
- THE DEVICE HAS NO WIRES AND NO SWITCHES. IT TURNS OFF AUTOMATICALLY WHEN THE BLIND CANE IS FOLDED THANKS TO A MAGNETIC SENSOR WHICH EMIT A CLOSURE "BEEP" WHEN TWO SEGMENTS ARE PARALLEL.
- EASY REPLACEMENT OF A COMMON AAAA BATTERY BY THE USER.
- AVERAGE OPERATING TIME (CONSIDERING 6 HOUR PER DAY USAGE WITH 1 HOURS OF SUNLIGHT) IS 11 DAYS AND 6 HOURS.

### CURIOSITIES

Thanks to the magnetic and brightness sensor, the microprocessor allows an optimal power management. The built-in algorithm, which can be customized during the production, allows the cane to turn on and off automatically reacting to low light conditions and allow the light to remain turned on even when the cane is hit by momentary light sources such as headlights, avoiding unpleasant interruptions of operation. LETismart LUCE is compatible with all types of folding blind cane just by replacing the joints. In addition, it is also possible to interchange the various types of tips (hook style or 8mm threaded style).

### JUNCTIONS FOR FOLDING BLIND CANE

P/N°	DESCRIPTION	PHOTO
1M07256	ALUMINIUM CONE JOINT CANCO H13,0 + THREAD: H10,0 M11X0,75MM	
1M07257	ALUMINIUM CYLINDER JOINT CANAL DIA 10,3 X H39,0 + THREAD H10 M11X0,75MM	
1M07258	ALUMINIUM CYLINDER JOINT PER SVARO DIA 10,94 X H32,0 + THREAD H10 M11X0,75MM	
1M07259	ALUMINIUM CYLINDER JOINT CANCA <16 DIA 10,50-12,8 X H48,5 + THREAD H10 M11X0,75MM	



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VARIETY OF COMPATIBLE HOOK STYLE AND 8MM THREADED STYLE TIPS

