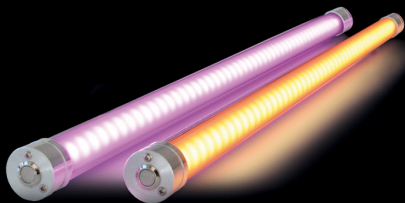




LUME 1<sup>®</sup> pro



Operating instructions

[www.lume-1.com](http://www.lume-1.com)



# LUME 1<sup>®</sup> pro

## 1. Safety instructions

- / The built-in power LEDs can shine very brightly. shine. Please do not look directly into the light!
- / Please keep your distance from electromagnetically relevant objects such as pacemakers, EC cards or other sensitive electronics.
- / The Lume-1<sup>®</sup> pro luminaires are spray-washed on all sides. Splash-proof (IP54), but not absolutely waterproof! Therefore, avoid contact with any liquids with any liquids.
- / The luminaires contain sensitive electronics. Please handle them with care despite their be careful when handling them.
- / Never open the lamps or accessories yourself accessories yourself, as there is a risk of electric shocks! If you have any questions or problems please contact your dealer.

## **2. MOUNTING THE LUMINAIRES**

We recommend 1-4 lights per parasol (depending on the size). The luminaires are held by two magnets on the support struts of the sunshades. For this purpose, the enclosed metal plates must be attached to the side of the support struts for each light. Position the metal plate at the desired location (note the correct spacing of the magnets!) and carefully screw in the self-drilling screws one after the other with the cordless screwdriver (see fig. 1). It is not necessary to pre-drill the substrate (GRP, aluminium, plastic, wood, etc.). For mounting on poles/pipes (e.g. sunshades, trusses, etc.), the mounting can also be done with cable ties (see fig. 2).

The luminaires can also be rotated within their mounting. To do this, loosen both magnets by turning them to the left, align the lamp upwards or downwards and tighten the magnets again.

## **3. OPERATION**

Please charge the luminaires completely before using them for the first time! To switch on, press and hold the „on/off button“ on the side of the luminaire (see fig. 4) for approx. 1 second. To switch off, repeat the process.

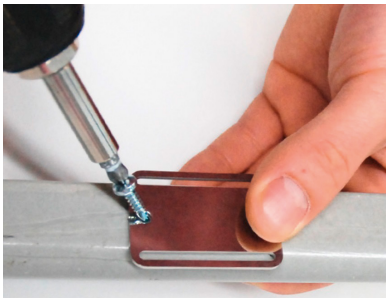


Figure 1

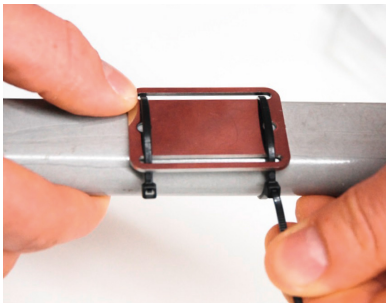


Figure 2

#### 4. LOAD

If the brightness of the light is reduced to zero (via the „On/Off“ button or the „Darker“ button on the remote control, see Fig. 5), the power LEDs indicate the battery's charge status with very low brightness.

- Green State of charge > 50 %
- Red State of charge < 50 %

To charge the battery, connect the external power supply to the socket on the side of the lamp. (See fig. 3). The power LEDs flash red during charging. Once the battery is fully charged, they flash green.

The luminaires can also be used with the mains adapter connected. In this case, the battery is charged during operation and a trickle charge switches on automatically when the battery is full.

#### 5. ADVANCED FUNCTIONS

You can assign one or as many luminaires as you like to a total of 4 different groups. In this way, e.g. several sunshades can be controlled differently and with only one remote control. In the delivery state each light is assigned to group 1.



Figure 3



Figure 4

## **5.1. ASSIGNMENT OF A GROUP**

Switch on the respective light with the „On/Off-button“ (see fig. 4). The currently assigned group flashes on the remote control for approx. 5 seconds. Now press the „Group“ button repeatedly within this time until the desired new group flashes on the remote control and wait until the flashing light goes out. The light indicates the assignment by flashing blue.

## **CONTROL OF A GROUP**

- 5.2.** To control a group, press the „Group“ button on the remote control (see fig. 5) until the desired group lights up briefly on the remote control. Then press any key and all the luminaires assigned to this group will perform the respective action. To control all 4 groups simultaneously, press and hold the „Group“ key for approx. 2 seconds until all 4 groups light up briefly.



Figure 5

Note: The remote control switches to power-saving mode after some time and then does not respond automatically to switching on the Lume-1® pro luminaires. Press any button on the remote control to exit power-saving mode.



## 5.3. LIST OF COLOUR PROGRAMS

### SINGLE COLOURS

1	White
2	Red
3	Orange
4	Yellow
5	Lime green
6	Green
7	Cyan
8	Turquoise
9	Blue
10	Purple
11	Magenta
12	Pastel red
13	Pastel green
14	Pastel blue

### CHANGE OF COLOUR

15	Blue / Red
16	Magenta / White
17	White / Blue
18	Pastel red / Pastel green / Pastel blue
19	Yellow / Magenta / Blue
20	Rainbow

#### **5.4. CONTROL OF THE COLOURS**

Colour programmes, brightness and speed of colour changes can be controlled via the respective buttons on the remote control (see fig. 5).

#### **5.5. SOUND-TO-LIGHT-MODUS**

You activate and deactivate the Sound-To-Light mode via the „Microphone“ button (see Fig. 5). The lights flash or change colours to match the music.

#### **6. PAIRING**

The luminaires can also be permanently coupled with one or more remote controls via a pairing function. This ensures smooth operation even in the event of strong radio beacons (e.g. in inner cities) or despite other Lume-1® pro owners in your neighbourhood. Please contact your dealer for more information!

## 7. OPTIONAL ACCESSORIES

For simultaneous charging of up to 10 Lume-1<sup>®</sup> pro luminaires with only one mains plug, the Lume-1<sup>®</sup> pro box is available in the accessories range (see fig. 6). The box is also ideal for transporting and storing the luminaires in a space-saving and protective way, even over a longer period of time.

In addition, an anti-theft device as well as many spare and extension parts are also available.



Figure 6

Further information and ordering at:

**[www.lume-1.com](http://www.lume-1.com)**

## 8. LUME-1® PRO BATTERY CARE INSTRUCTIONS

A rechargeable battery is a sensitive component that can be damaged by incorrect handling. To enjoy your Lume-1® pro for as long as possible, please observe the following instructions:

- / If possible, always charge and discharge the batteries completely.
- / Avoid deep discharges! If you do not use the Lume-1® pro for a longer period of time, the lamps must be recharged approx. once a month.
- / If possible, do not use the luminaires at extreme temperatures  
(see list below).

### RECOMMENDED OPERATING TEMPERATURES:

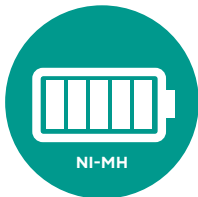
- 8.1. / Optimum operating temperature +15°C to +25°C
- / Storage at +20°C
- / Charging +10°C to +45°C
- / Battery operation +0°C to +45°C
- / Mains operation -20°C to +60°C

## 8.2. BATTERY LIFE

After approx. 500 charging cycles, approx. 80 % of the nominal capacity is usually still available.

The charging electronics of the LUME-1<sup>®</sup> pro may malfunction due to excessive charging and deep discharges. A resulting low battery capacity can be remedied (taking into account the service life and external influencing factors) by a battery calibration.

\* depending on external influences and care of the battery.



### 8.3. BATTERY CALIBRATION LUME-1® PRO

#### 1. BATTERY FULLY DISCHARGED

To completely discharge the battery of the Lume-1® pro, the lamp must be switched on several times at the on/off switch until the lamp is lit for less than 10 seconds.

#### 2. FULLY CHARGE THE BATTERY

After the battery has been completely discharged, the light must be charged continuously for at least 24 hours. Repeat the procedures under 1. and 2. a total of 3 times. If the runtime is still too short, please contact your dealer with a brief description of the problem.



## 9. TROUBLESHOOTING

/ Remote control:

Group LED does not flash at all when a button is pressed or they all flicker wildly?

➔ Battery is empty, please replace!

/ Luminaire does not respond to remote control?

➔ Check the battery and whether the group is set correctly!

/ Light duration too short?

➔ Battery care instructions (point 8) or battery calibration (point 8.3)! Observe battery calibration (point 8.3)!





LUME 1<sup>®</sup> pro

**All about Lume1-pro<sup>®</sup> in the video.**

**View here:**



or: [www.lume-1.com/#video](http://www.lume-1.com/#video)

[info@lume-1.com](mailto:info@lume-1.com)

[www.lume-1.com](http://www.lume-1.com)

