



EN **Operating instructions (translation)**

Please keep these instructions in a safe place!

Safety instructions	3
General information	3
Designated use	3
Explanation of functions	4
How the Lumo works	4
Sunshade function SUN.....	4
Twilight function TWILIGHT	4
TEST mode	5
Installing the Lumo	5
Programming	6
Technical information	7
Cleaning	7
Troubleshooting	7
EU declaration of conformity	7

 Note!	<ul style="list-style-type: none">• For use in dry rooms only.• Use unmodified original elero parts only.
---	---

General information

The Lumo light sensor can be easily connected to the AstroTec/AstroTec 868 to form a user-friendly sun protection system (to provide shade for plants and furniture).

Designated use

The Lumo may be used in combination with the AstroTec/ AstroTec 868 **only**.

The device must be fitted to the inside of the window pane !

Explanation of functions

Explanation of functions

How the Lumo works

With the Lumo light sensor you can protect your plants and furniture from the sun's harmful rays. If the pre-set sunlight value is exceeded, "SUN" will appear in the display. The shutter curtain will move down automatically until the Lumo light sensor is shaded. The shutter curtain will then stop and adjust itself until the light sensor is uncovered again. If an intermediate position is programmed, the shutter curtain will stop at this position.

Shade function:

The sunlight setting is exceeded for more than 3 minutes

→ The roller shutter is automatically lowered.

The sunlight setting is not reached for more than 15 minutes

→ The roller shutter is automatically raised.

SUN

The threshold value is pre-set to 06.

The sun protection function is not active if the sunlight value is set to --

The threshold setting ranges from 01 (very overcast) to 15 (direct sunlight).

The current sunlight setting and the new setting to be made are shown in the display. The field for the new setting flashes.

Twilight function:

If the twilight value is not reached after 12:00 hrs, the roller shutter is automatically lowered.

TWILIGHT

The threshold value is pre-set to -- .

The twilight function is not active if the twilight value is set to --.

Explanation of functions

The brightness function can be set to values ranging from 01 (dusk) to 15 (early twilight).

The current brightness setting and the new setting to be made are shown in the display. The field for the new setting flashes.

TEST mode

(Can only be activated if a complete UP control command is executed)

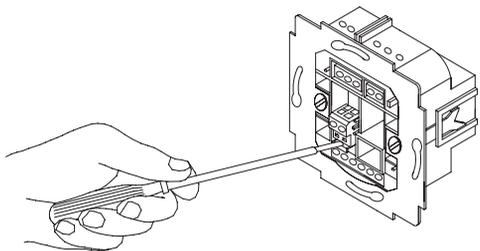
This mode can be used to test the Lumo light sensor. When the TEST mode is active, the word "TEST" appears in the display. Press and hold the **OK** button for approximately 5 seconds to activate the TEST mode.

In the Test-mode, the delay times are reduced from minutes to seconds.

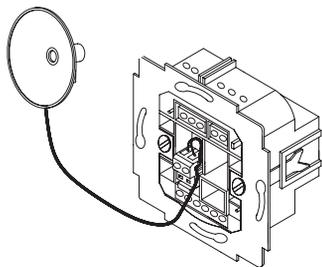
Installation

Fitting the Lumo into the AstroTec

1. Cut the wire to the desired length.
Bare approx. 5 mm of the wire.
2. Remove the connecting terminal using a screwdriver.



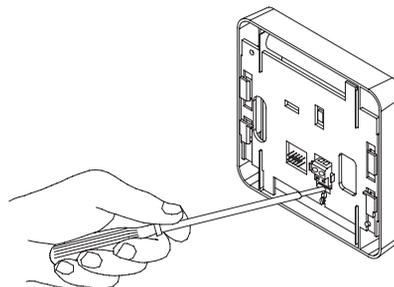
3. Insert the wire into the terminal.
4. Insert the connecting terminal into the receptacle.
5. Secure the Lumo onto the window using the suction cap.



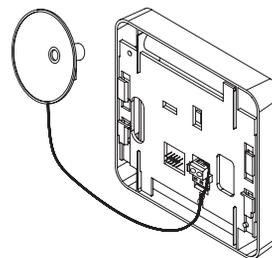
Installation

Fitting the Lumo into the AstroTec 868

1. Cut the wire to the desired length.
Bare approx. 5 mm of the wire.
2. Remove the connecting terminal using a screwdriver.

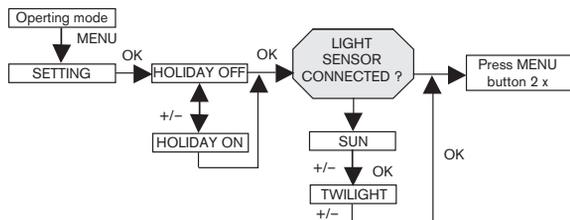


3. Insert the wire into the terminal.
4. Insert the connecting terminal into the receptacle.
5. Secure the Lumo onto the window using the suction cap.



SETTING

LIGHT SENSOR (SUN/TWILIGHT)



1. Press the MENU button.
2. To select the SETTING menu, press the + button until SETTING appears.
3. Press **OK** to confirm. HOLIDAY ON / OFF appears.
4. Confirm your setting by pressing **OK**.

Note: This dialog box will only be displayed if the light sensor is connected to the device.

5. You have confirmed the HOLIDAY function. SUN will appear. The value set is displayed.
6. The sunlight setting can be changed with the +/- button. (The two digits on the left of the display show the current light setting)
7. Confirm your entry by pressing **OK**.

To set the TWILIGHT CONTROL, follow the same procedure as for SUN.

8. Press the **MENU** button twice to return to the operating mode.

Technical data

System of protection	IP20
Permissible ambient temperature	0 to +55 °C
Length of cable	2 m or 10 m

Cleaning instructions

Clean the device with a damp cloth only. Do not use cleaning agents as these may attack the plastic.

Troubleshooting

Problem	Cause	Solution
The roller shutter is raised again approximately 3 minutes after opening.	The sunlight setting has been reached or the Lumo is covered up.	Check the twilight control setting and the position of the Lumo on the window, which may have come off the window pane.
The pre-set sunlight parameters are not displayed.	No Lumo is connected or the light sensor or the connecting wire is faulty.	Check the Lumo, the connecting wire and connecting terminal.
The pre-set twilight parameters are not displayed.	No Lumo is connected or the light sensor or the connecting wire is faulty.	Check the Lumo, the connecting wire and connecting terminal.

General declaration of conformity

elero GmbH hereby declares that the radio system type Lumo -868 is in compliance with Directive 2014/53/EU. The complete text of the EU Declaration of Conformity is available at the following Internet address: www.elero.com/downloads/

elero GmbH
Antriebstechnik
Maybachstr. 30
73278 Schlierbach
info@elero.de
www.elero.com
