

LIGHTING FOR INDOOR AREAS | EN  
MOISTURE-PROOF LIGHT

**ESYLUX**•



**OLIVIA-2  
OPERATING INSTRUCTIONS**

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<b>Version</b>	<b>Date</b>	<b>Comment</b>
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An der Strusbek 40, 22926 Ahrensburg, Germany

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# 1. Introduction

## 1.1 Information about the document

This document contains detailed information about the installation, commissioning and configuration of the products described. The current version of this document is available on the relevant product page at [www.esylux.com](http://www.esylux.com) as a PDF file. It can be printed out if required.

- Read the document carefully before using the product.
- Observe safety instructions and warnings.
- If you have any questions, please contact the manufacturer.

### Navigating on screen

Reading the digital document is supported by the following functions:

- **Linked table of contents:** Clicking on the chapter title opens the corresponding chapter.
- **Linked references:** Clicking on → *Reference*  opens the specified location.
- **List of bookmarks:** An overview of all chapters can be found in the list of bookmarks  in the PDF document.

## 1.2 Visual symbols in the text

### Symbols

The document uses the following symbols:

- Call to action
- ✓ Result of action
- < > Menu / button
- *Text reference*



Important and useful additional information



Warns of high voltage

The preceding signal words have the following meanings:

 **DANGER!**

**This signal word denotes a hazard involving a high level of risk.**  
Failure to observe the warning will result in death or serious injury.

 **WARNING!**

**This signal word denotes a hazard involving a moderate level of risk.**  
Failure to observe the warning may result in death or serious injury.

 **CAUTION!**

**This signal word denotes a hazard involving a low level of risk.**  
Failure to observe the warning may result in minor or moderate injury.

**CAUTION!**

**This signal word warns against possible property damage.**  
Failure to observe the warning may result in damage to devices or the surroundings.

### **1.3 Manufacturer/contact**

ESYLUX GmbH  
An der Strusbek 40  
22926 Ahrensburg / Germany  
info@esylux.com  
www.esylux.com

## 1.4 Product identification

This document applies to the following products:

Product name	
OLIVIA-2 MPL 1200	OP 5000 840 IP66 ...
	OP 5000 840 IP66 5x2.5 MD ...
OLIVIA-2 MPL 1500	OP 6800 840 IP66 ...
	OP 6800 840 IP66 5x2.5 MD ...

The product name is located on the product nameplate.

The product name contains essential information about the product:

Element	Description
OLIVIA-2	Series
MPL	Device category: moisture-proof light
1500	Length (mm)
OP	Diffuser: opal
6800	Luminous flux
840	CRI: $R_a > 80$ / colour temperature 4000 K
IP66	Protection type
3h	Light duration for emergency lighting
5x2.5	Integrated 5-wire through-wiring with 2.5 mm <sup>2</sup> cable cross-section
MD	Motion detector
DALI-2	Control system

## 2. Safety

### 2.1 Safety instructions



#### WARNING!



#### Risk of fatal injury from electric shock!

Work on the 230 V mains may result in death or serious injury.

- Always observe the five safety rules:
  1. Disconnect the power supply
  2. Secure the power supply from being switched on again
  3. Check that the relevant components have been de-energised
  4. Set up the earthing and short-circuiting mechanisms as required
  5. Cover or isolate neighbouring live parts
- Protect the circuit with a residual current device (RCD).
- Observe country-specific regulations.
- Observe SELV (the DALI bus power supply is not a safety extra-low voltage power supply).
- Observe the contact opening width ( $\mu < 1.2 \text{ mm}$ ).

#### CAUTION!

#### Damage due to improper connection.

Reverse polarity or short-circuiting of the DALI-2 bus cable may result in malfunctions or damage to the components.

- Observe the DALI-2 specifications (IEC 62386).
- For all DALI-2 connections, only use bus cables (not included) in accordance with DALI-2 specifications.

**CAUTION!****Damage due to improper locking of the device housing.**

Improper closing and locking of the device housing may result in malfunctions or damage to the components.

- Do not touch the LED panel.

**CAUTION!****OLIVIA-2 ... MD DALI-2: Damage due to improper configuration of the DIP switch.**

Altering the factory setting of DIP switches 3/4/5/6 may result in DALI-2 signal malfunctions and transmission errors between the high-frequency motion detector and the DALI-2 coupler.

- Do not alter the preset switch-off delay time (DIP switches 3 + 4) or the level of brightness (DIP switches 5 + 6).

**CAUTION!****Damage due to improper cleaning.**

Cleaning with alcohol-based, corrosive or abrasive cleaning agents or scouring pads may result in malfunctions and damage to the surface.

- Use a soft cloth dipped in a detergent solution.

**2.2 Intended use****Installation location**

Moisture-proof lights from the OLIVIA-2 series are designed for indoor use. They must only be operated with the integrated control gears and light sources. The luminaire is suitable for through-wiring. Maximum total current at the mains connection terminal: 16 A.

The use of unsuitable components, modifications to the product and unauthorised repairs are not permitted. The product may only be used if it is in perfect technical condition.

**Liability**

The manufacturer will not accept liability for instances of personal injury or property damage caused by improper use.

**Energy efficiency**

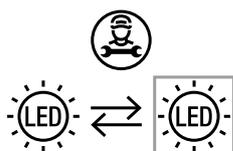
This product contains a light source in energy efficiency class C.

## 2.3 Qualification

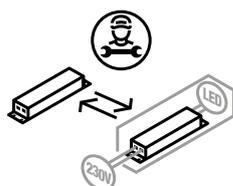
**Specialist personnel**

Installation may only be carried out by electrical installation technicians or trained electricians. Configuration and operation may also be carried out by persons without electrical qualifications.

Light sources in luminaires may only be replaced by the manufacturer, a manufacturer-authorized service technician or a person with comparable qualifications.



Control gears in luminaires may only be replaced by the manufacturer, a manufacturer-authorized service technician or a person with comparable qualifications.



## 3. Product description

### 3.1 Introduction

Moisture-proof lights from the OLIVIA-2 series with integrated ON/OFF or DALI-2-certified drivers and ENEC test symbol.

Essential features:

- Optionally integrated high-frequency motion detector for motion- and daylight-dependent control of a lighting group
- Optional security lighting function
- Motion detectors of the DALI-2 variants serve as input devices for APC presence detectors from the COMPACT series (control up to 16 groups)
- Simple group installation via integrated 5 x 2.5 mm<sup>2</sup> through-wiring and push terminals on both sides
- Opal diffuser made of UV-stabilised polycarbonate
- High protection type (IP66) due to injected silicone-based seal
- Tamper-proof stainless steel locking clips (cannot be released by hand)

### 3.2 Included in delivery

1 x	moisture-proof light
2 x	mounting brackets for ceiling mounting
1 x	cable gland M20x1.5 mm
2 x	cable gland M20x1.5 mm (only for OLIVIA-2 ... 5x2.5 ... with through-wiring)
1 x	dummy plug for cable gland (only for OLIVIA-2 ... 5x2.5 ... with through-wiring)
8 x	stainless steel locking clips (OLIVIA-2 MPL 1200)
10 x	stainless steel locking clips (OLIVIA-2 MPL 1500)
1 x	short instructions

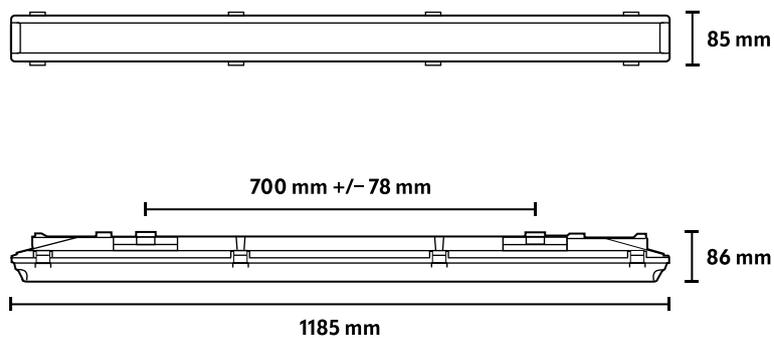
### 3.3 Accessories

Item no.	Product name	Description
EO10310515	OLIVIA-2 HANGER BRACKET SET 2x	Stainless steel hangers for suspended mounting
EO10310508	OLIVIA-2 WALL MOUNTING BRACKET SET 2x	Reinforced stainless steel mounting brackets for wall mounting

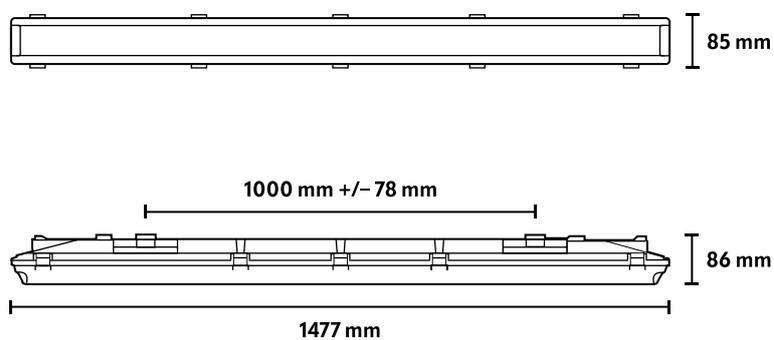
### 3.4 Spare parts

Item no.	Product name	Description
EO10310522	OLIVIA-2 1200 COVER OP	Opal diffuser made of UV-stabilised polycarbonate for OLIVIA-2 MPL 1200
EO10310539	OLIVIA-2 1500 COVER OP	Opal diffuser made of UV-stabilised polycarbonate for OLIVIA-2 MPL 1500
EO10310546	OLIVIA-2 BATTERY LiFePO4 4500 mAh	Spare battery (LiFePO4) for OLIVIA-2 ON/OFF with 3 h security lighting function
EO10310553	OLIVIA-2 DALI-2 BATTERY LiFePO4 4500 mAh	Spare battery (LiFePO4) for OLIVIA-2 DALI-2 with 3 h security lighting function
EO10310560	OLIVIA-2 CLIPS CABLE GLANDS SET	Spare accessories set for OLIVIA-2 MPL 1200 and 1500

### 3.5 Dimensional drawing

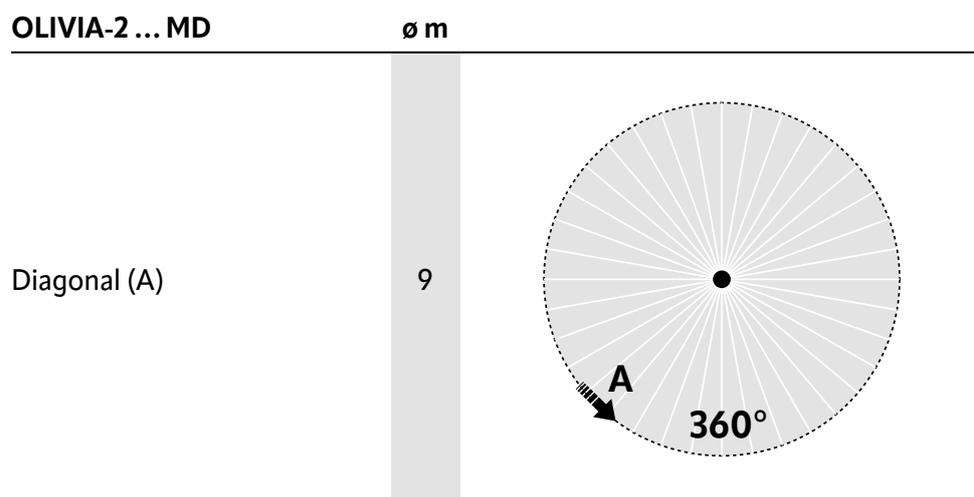


***OLIVIA-2 MPL 1200***

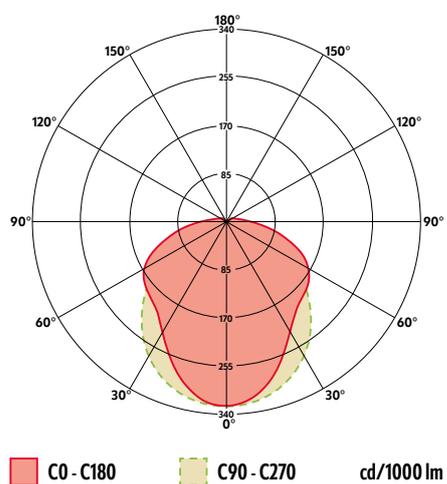


***OLIVIA-2 MPL 1500***

### 3.6 Detection range



### 3.7 Light distribution



**OLIVIA-2 MPL 1200/1500**

## 4. Installation/commissioning



### WARNING!



### Risk of fatal injury from electric shock!

Work on the 230 V mains may result in death or serious injury.

- Switch off the mains voltage prior to connection.
- Secure the power supply from being switched on again.
- Check that the relevant components have been de-energised.

### 4.1 Installation types

The moisture-proof light has been designed for ceiling mounting. Wall and suspended mounting is possible using accessories.

- Observe the mounting distances.
- Prepare the mounting holes in accordance with the specified distances **D** and **E**.
- Adapt the mounting tool and material to the mounting surface.



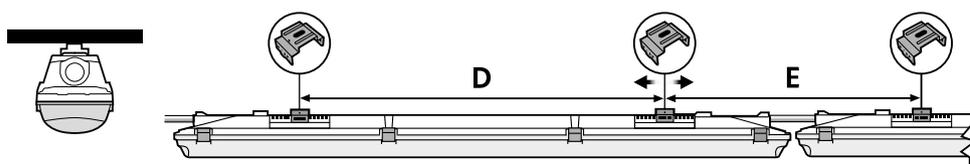
The mounting bracket can be flexibly positioned in the longitudinal direction.

#### Mounting distances

	<b>D (mm)</b>	<b>E (mm)</b>
OLIVIA-2 MPL 1200 ...	700 ± 78	483.5 ± 78
OLIVIA-2 MPL 1500 ...	1000 ± 78	475.5 ± 78

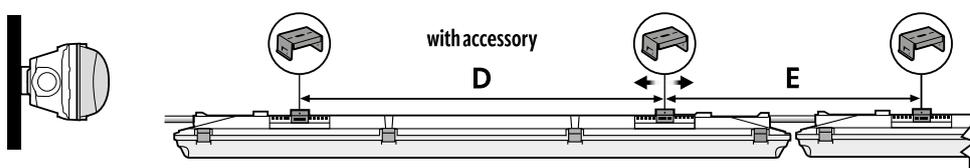
### Ceiling mounting

- Mount on the ceiling using mounting brackets as shown below.
- Attach mounting clips and lock the luminaire into place.



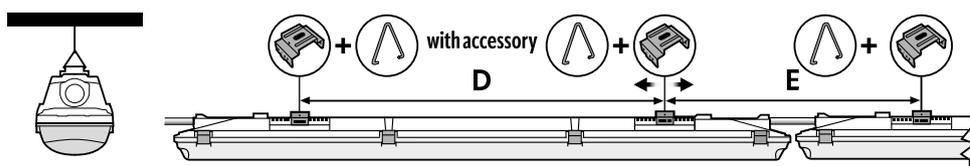
### Wall mounting

- Using reinforced mounting brackets (accessory, order separately), mount on the wall as shown below.
- Attach mounting clips and lock the luminaire into place.



### Suspended mounting

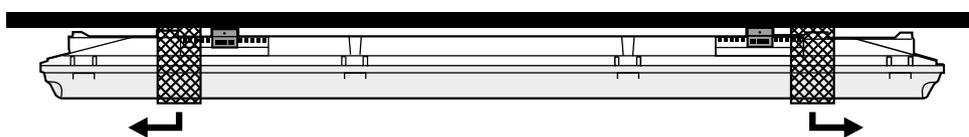
- Using hangers (accessory, order separately) and mounting brackets, mount suspended from the ceiling with wire cables or chains as shown below.
- Attach mounting clips and lock the luminaire into place.



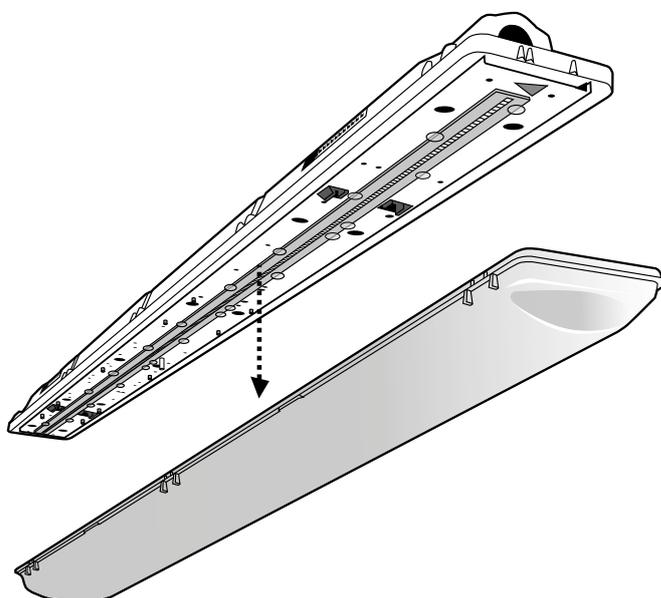
## 4.2 Installation/connection

### 4.2.1 OLIVIA-2 – ON/OFF

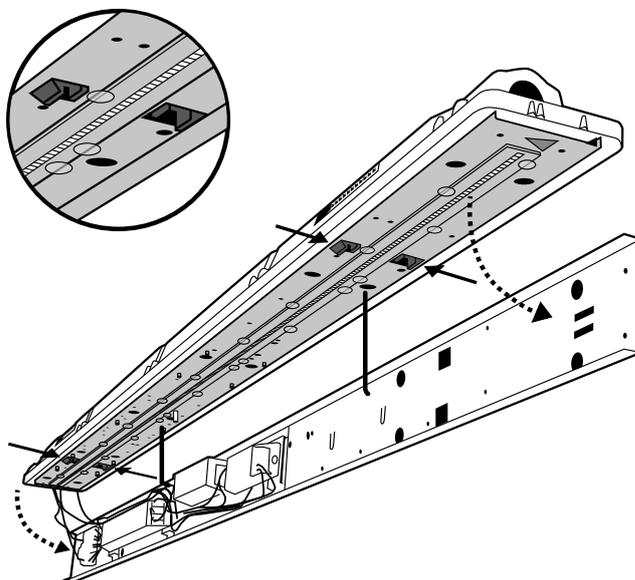
- Remove the sleeve (transport protection) before connecting the luminaire.



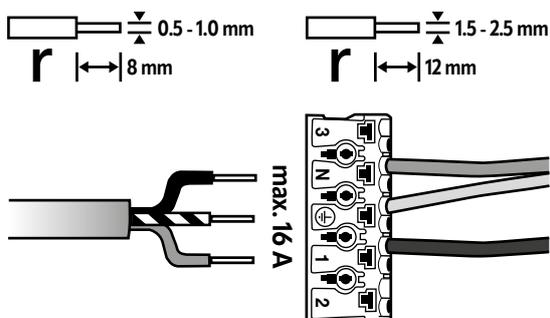
- Carefully remove the luminaire cover, putting it safely to one side and protecting it from damage and contamination.



- Unlock and fold down the LED device housing.



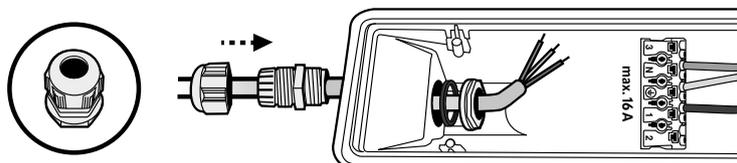
- Prepare the connection and strip the cables.



#### OLIVIA-2 luminaires in a light strip:

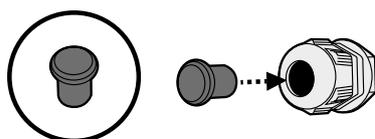
- As an option, divide the luminaires into three groups and assign the phases L1/L2/L3 for the through-wiring.
  - ✓ Each group now switches on and off separately.

- Guide the cable through the cable gland and insert into the push terminal.



**For the last luminaire in a light strip, observe the following:**

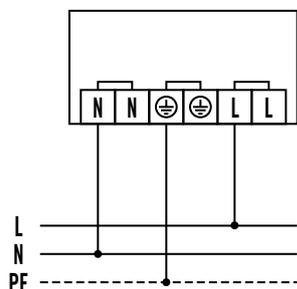
- Equip the cable gland with a dummy plug.
- ✓ The unoccupied cable inlet is sealed.



#### Terminal assignment

- Connect the luminaire according to the wiring diagram.
- Observe the terminal assignment.

<b>N</b>	Neutral conductor
<b>L1/L2/L3</b>	External conductor 230 V ~
<b>⊕</b>	Earth conductor



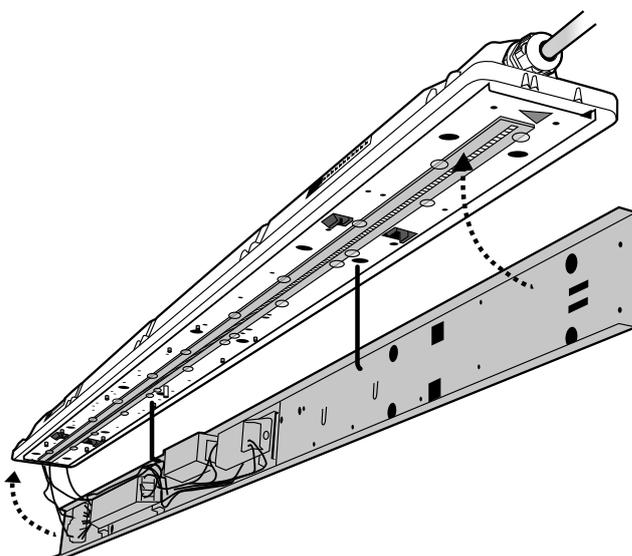
**Standard operation**

- Carefully close and lock the device housing.

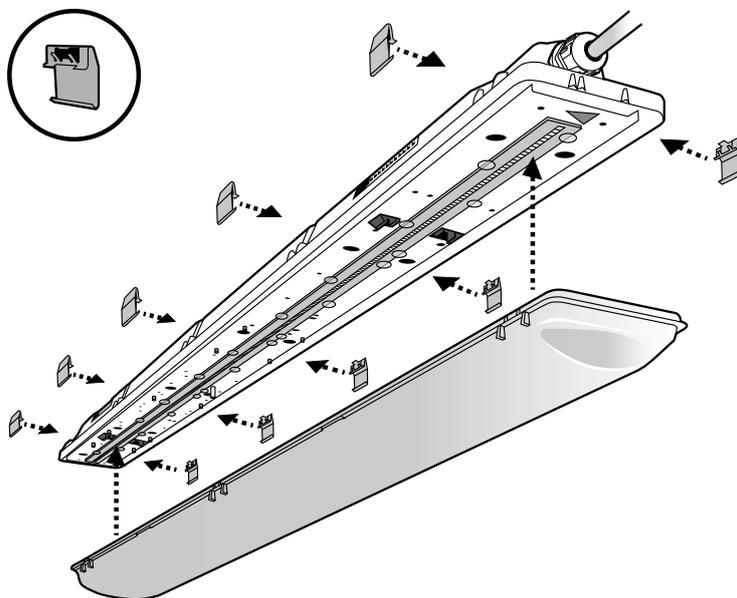
**CAUTION!****Damage due to improper locking of the device housing.**

Improper closing and locking of the device housing may result in malfunctions or damage to the components.

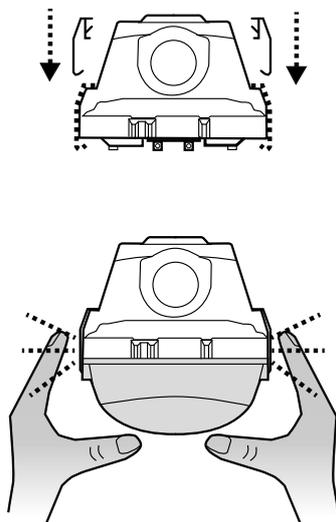
- Do not touch the LED panel.



- Attach the locking clips.

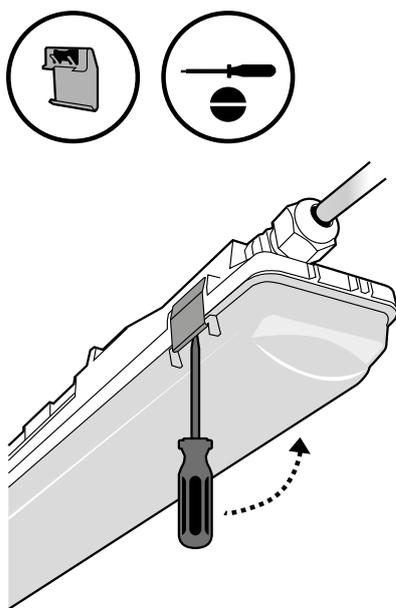


- Lock the luminaire cover.



### Disassembling the luminaire cover

- Loosen the locking clips using a screwdriver.

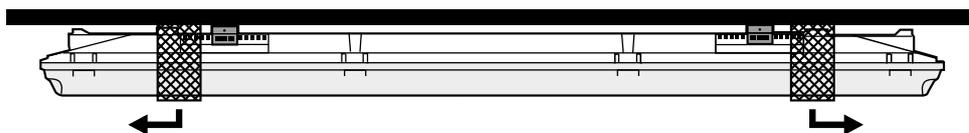


### Commissioning

- Connect the mains voltage.
  - ✓ The lighting switches on.

#### 4.2.2 OLIVIA-2 – ON/OFF with motion detector

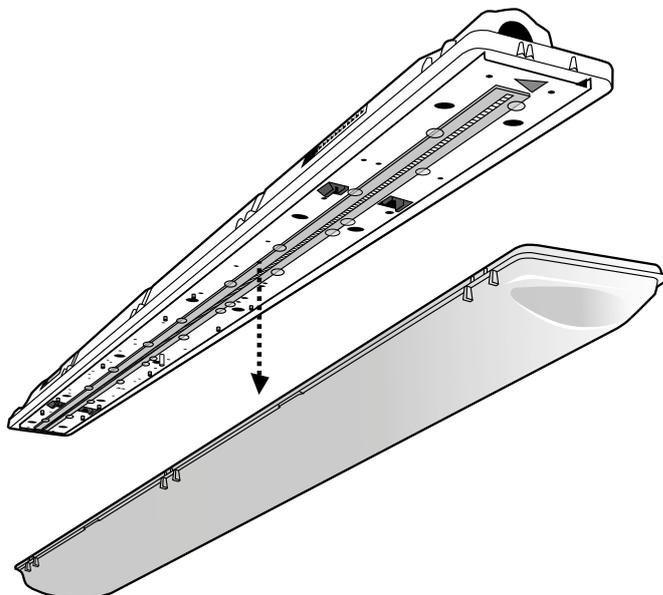
- Remove the sleeve (transport protection) before connecting the luminaire.



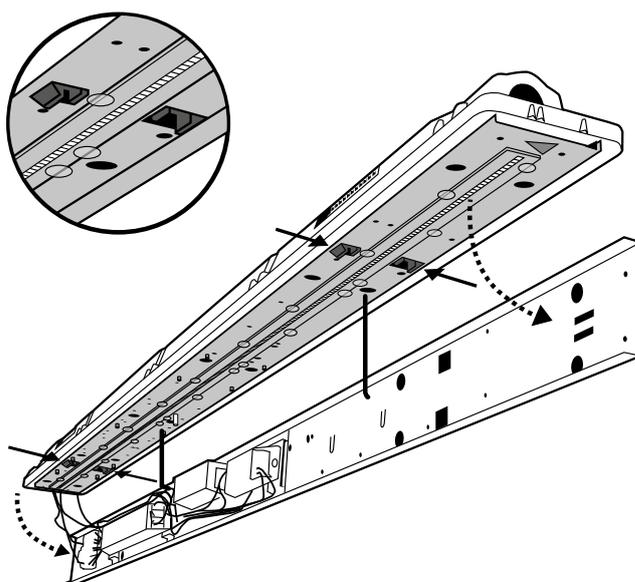
## Installation/commissioning

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- Carefully remove the luminaire cover, putting it safely to one side and protecting it from damage and contamination.

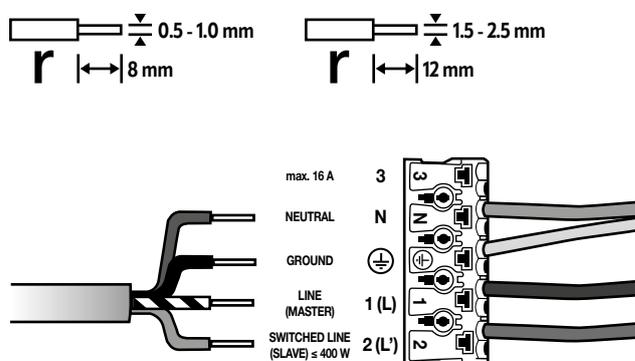


- Unlock and fold down the LED device housing.

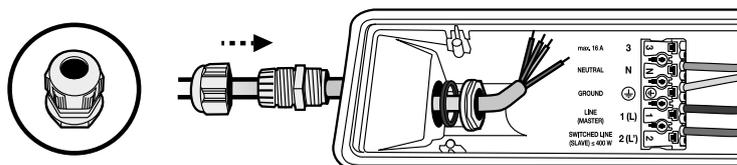


## Installation/commissioning

- Prepare the connection and strip the cables.

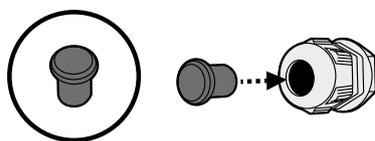


- Guide the cable through the cable gland and insert into the push terminal.



**For the last luminaire in a light strip, observe the following:**

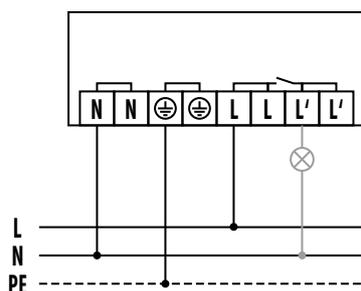
- Equip the cable gland with a dummy plug.
- ✓ The unoccupied cable inlet is sealed.



- Connect the luminaire according to the wiring diagram.
- Observe the terminal assignment.

#### Terminal assignment

<b>N</b>	Neutral conductor
	Earth conductor
<b>L</b>	External conductor 230 V ~
<b>L'</b>	Switched external conductor 230 V ~



#### Standard operation

##### **OLIVIA-2 1200**

A maximum of ten slave luminaires can be connected to one OLIVIA-2 with motion detector.

##### **OLIVIA-2 1500**

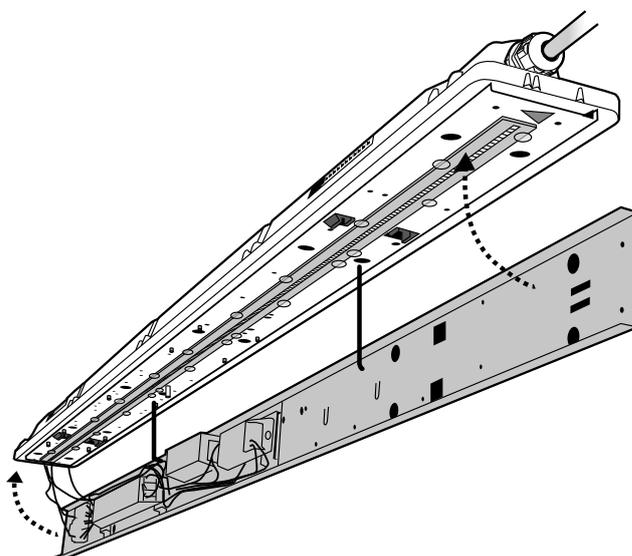
A maximum of seven slave luminaires can be connected to one OLIVIA-2 with motion detector.

- Carefully close and lock the device housing.

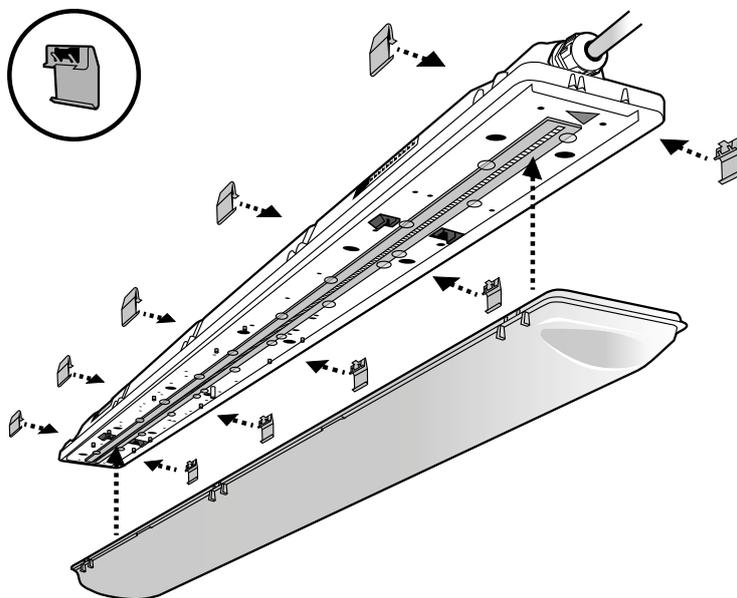
**CAUTION!****Damage due to improper locking of the device housing.**

Improper closing and locking of the device housing may result in malfunctions or damage to the components.

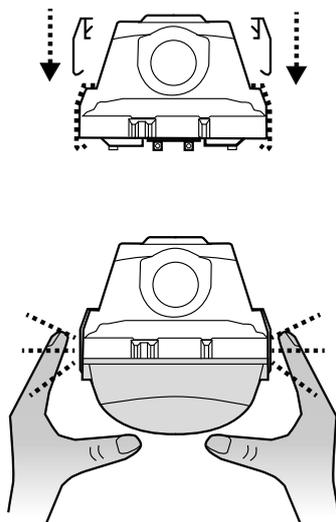
- Do not touch the LED panel.



- Attach the locking clips.

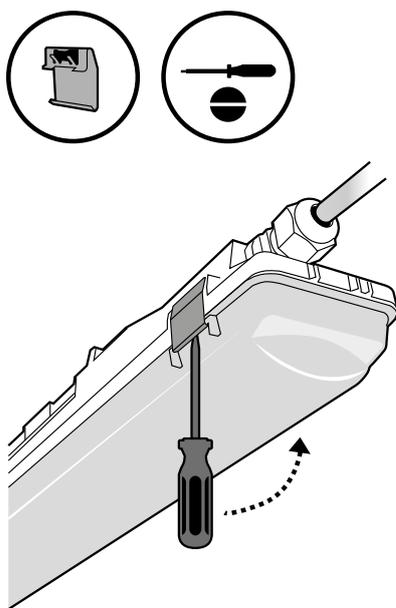


- Lock the luminaire cover.



### Disassembling the luminaire cover

- Loosen the locking clips using a screwdriver.



### Commissioning

- Connect the mains voltage.
  - ✓ The lighting switches on.

Delivered with the factory settings/in fully automatic mode. Adjusting elements (DIP switch) are located on the high-frequency motion detector.

#### Factory settings

Motion sensor sensitivity	100 %
Switch-off delay time	5 min
Level of brightness	Deactivated

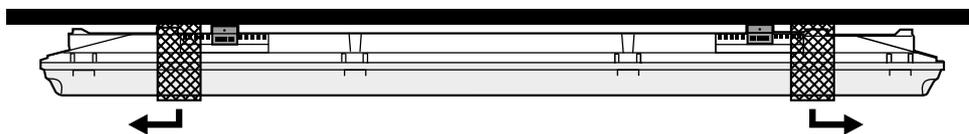
### Setting options



<b>DIP 1</b>	<b>DIP 2</b>	<b>Motion sensor sensitivity</b>
●	●	100 %
○	●	75 %
●	○	50 %
○	○	10 %
<b>DIP 3</b>	<b>DIP 4</b>	<b>Switch-off delay time</b>
●	●	5 s
○	●	90 s
●	○	5 min
○	○	15 min
<b>DIP 5</b>	<b>DIP 6</b>	<b>Level of brightness</b>
●	●	Deactivated
○	●	50 lx
●	○	10 lx
○	○	2 lx

### 4.2.3 OLIVIA-2 – ON/OFF with security lighting function

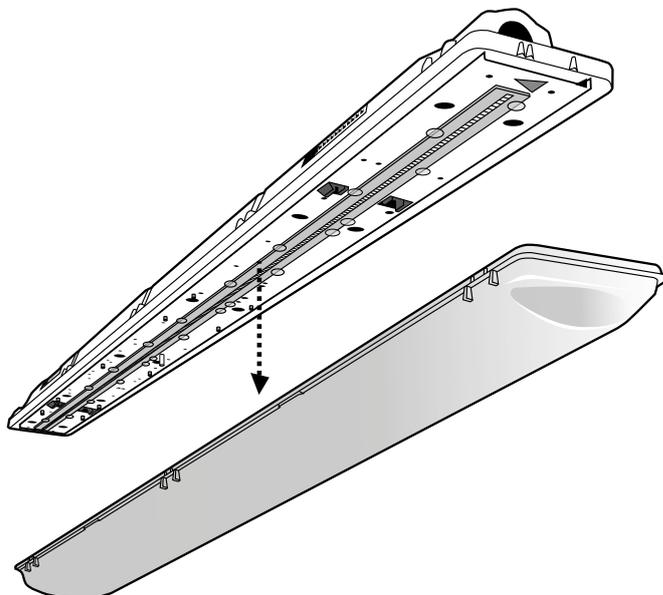
- Remove the sleeve (transport protection) before connecting the luminaire.



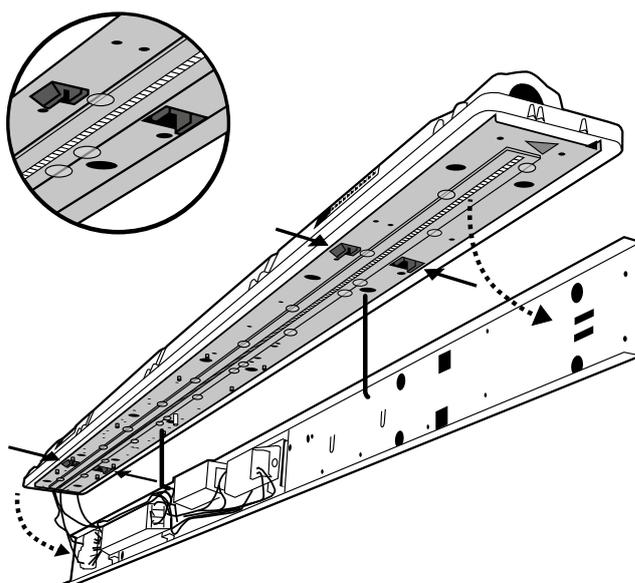
## Installation/commissioning

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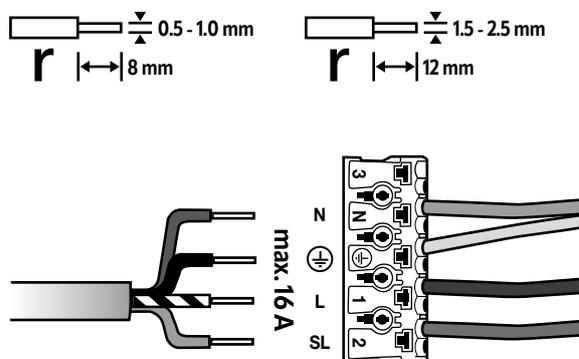
- Carefully remove the luminaire cover, putting it safely to one side and protecting it from damage and contamination.



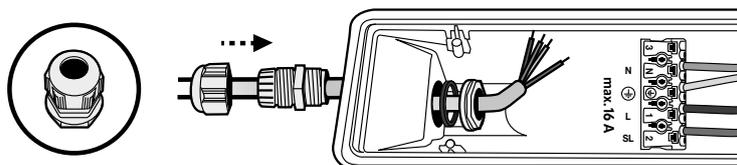
- Unlock and fold down the LED device housing.



- Prepare the connection and strip the cables.

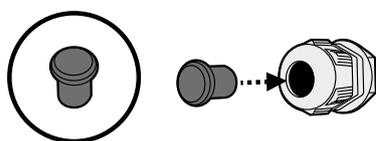


- Guide the cable through the cable gland and insert into the push terminal.



**For the last luminaire in a light strip, observe the following:**

- Equip the cable gland with a dummy plug.
- ✓ The unoccupied cable inlet is sealed.

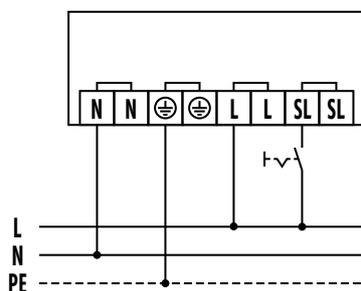


## Installation/commissioning

- Connect the luminaire according to the wiring diagram.
- Observe the terminal assignment.
- Connect the switch or switched external conductor L' of an OLIVIA-2 with motion detector to the "SL" (switch input).

### Terminal assign- ment

<b>N</b>	Neutral conductor
	Earth conductor
<b>L</b>	External conductor 230 V ~
<b>SL</b>	Switch input



### Standard operation

### Battery connec- tion

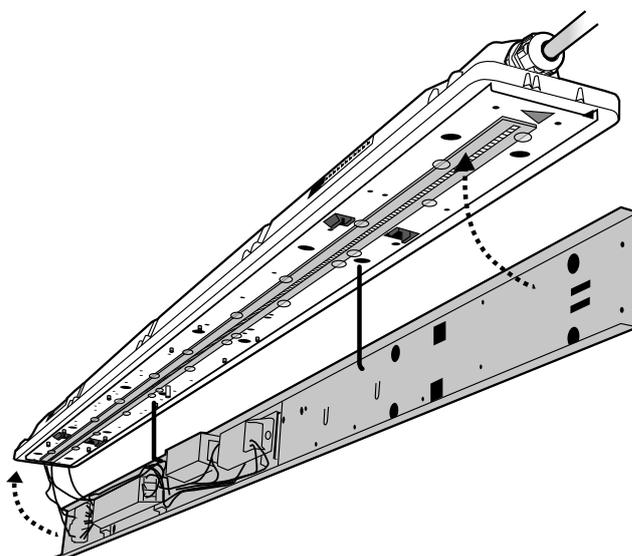
- Connect the battery.
- Label the battery nameplate with the installation date.
- Attach the battery to the electronics cover using the cable ties.
- Connect the plug, which is protected against reverse polarity, to the electronics.

- Carefully close and lock the device housing.

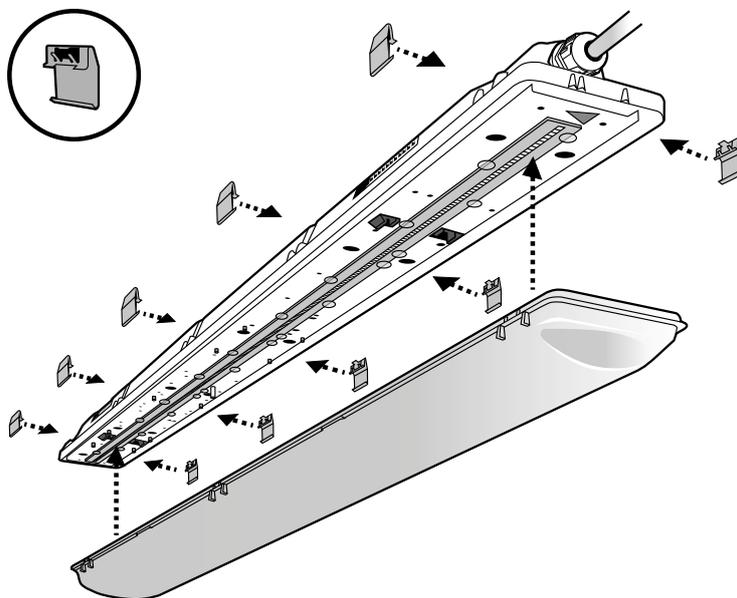
**CAUTION!****Damage due to improper locking of the device housing.**

Improper closing and locking of the device housing may result in malfunctions or damage to the components.

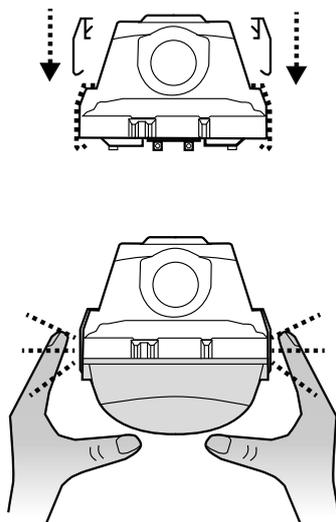
- Do not touch the LED panel.



- Attach the locking clips.

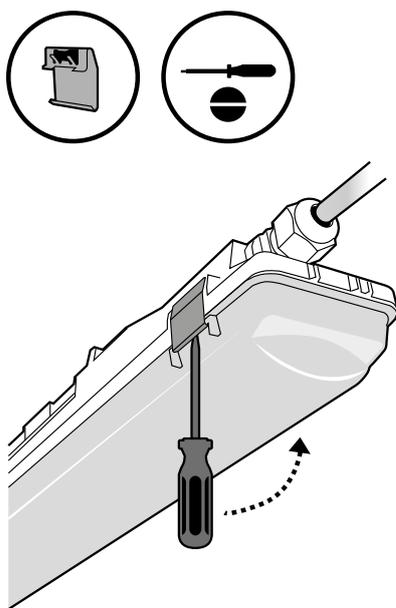


- Lock the luminaire cover.



### Disassembling the luminaire cover

- Loosen the locking clips using a screwdriver.



### Commissioning

- Connect the mains voltage.
  - ✓ The lighting switches on.

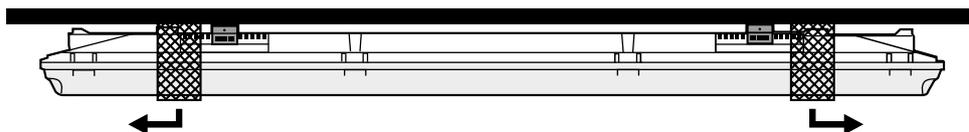
### Automatic testing

The lighting is turned off and the status LED lights up green.

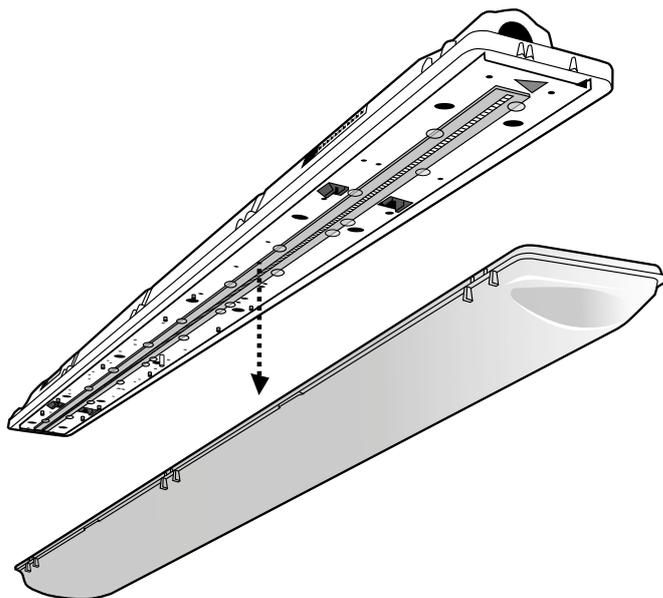
- ✓ The converter and the battery are ready for use.

#### 4.2.4 OLIVIA-2 - DALI-2

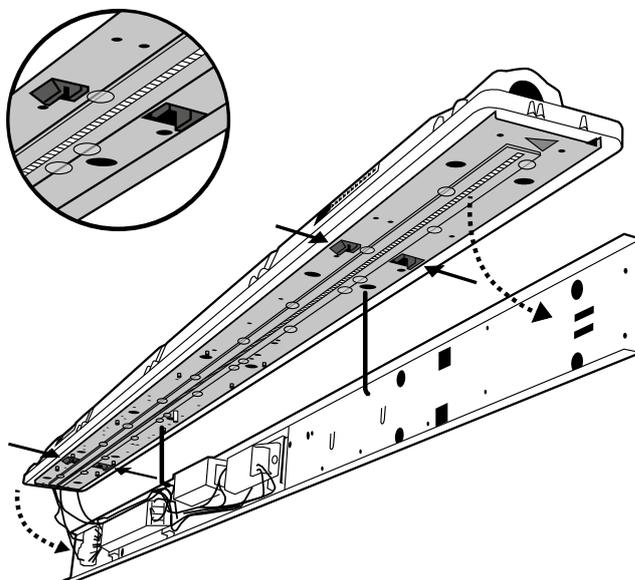
- Remove the sleeve (transport protection) before connecting the luminaire.



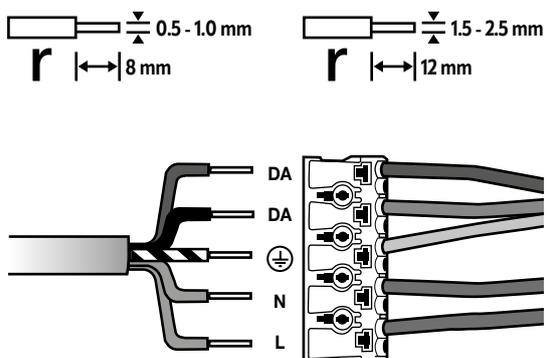
- Carefully remove the luminaire cover, putting it safely to one side and protecting it from damage and contamination.



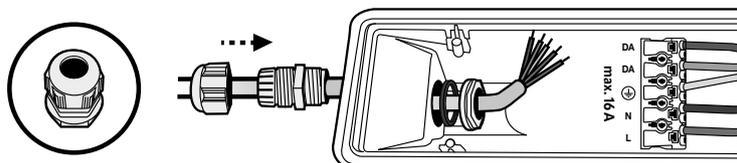
- Unlock and fold down the LED device housing.



- Prepare the connection and strip the cables.

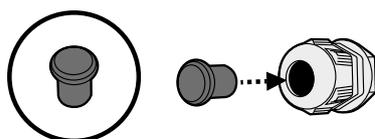


- Guide the cable through the cable gland and insert into the push terminal.



**For the last luminaire in a light strip, observe the following:**

- Equip the cable gland with a dummy plug.
- ✓ The unoccupied cable inlet is sealed.



- Connect the luminaire according to the wiring diagram.

### CAUTION!

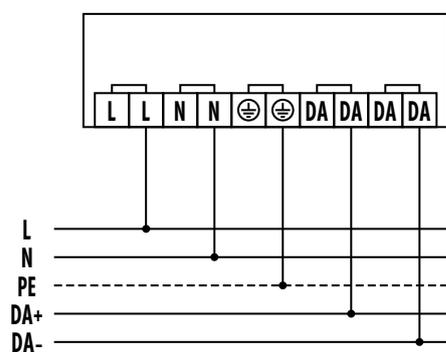
#### Damage due to improper connection.

Reverse polarity or short-circuiting of the DALI-2 bus cable may result in malfunctions or damage to the components.

- Observe the DALI-2 specifications (IEC 62386).
- For all DALI-2 connections, only use bus cables (not included) in accordance with DALI-2 specifications.
- Observe the terminal assignment.

#### Terminal assignment

L	External conductor 230 V ~
N	Neutral conductor
⊕	Earth conductor
DA	DALI-2



### Standard operation

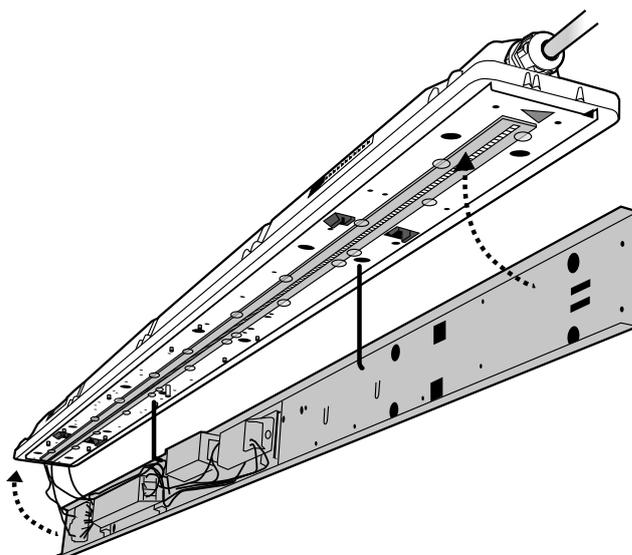
- Carefully close and lock the device housing.

### CAUTION!

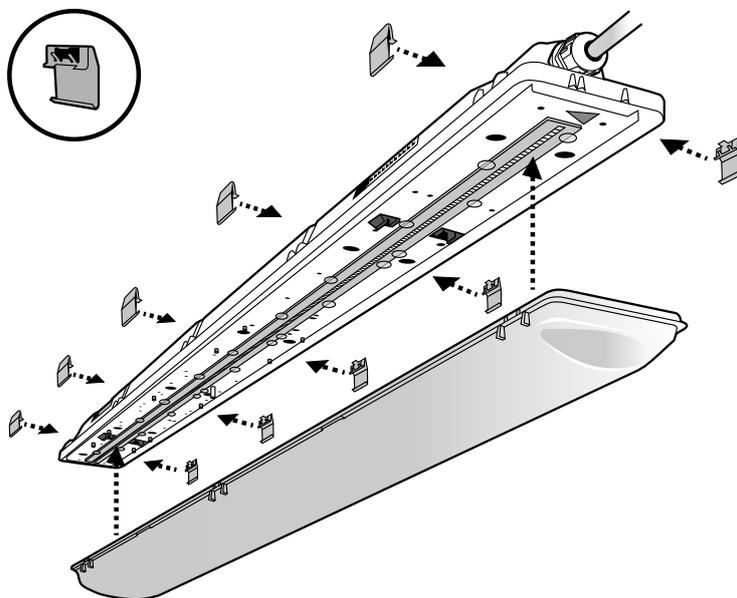
#### Damage due to improper locking of the device housing.

Improper closing and locking of the device housing may result in malfunctions or damage to the components.

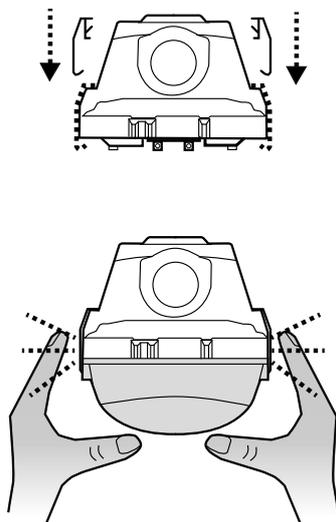
- Do not touch the LED panel.



- Attach the locking clips.

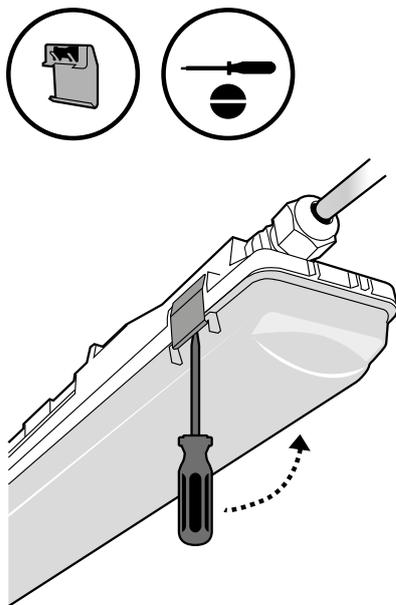


- Lock the luminaire cover.



### Disassembling the luminaire cover

- Loosen the locking clips using a screwdriver.



### Commissioning

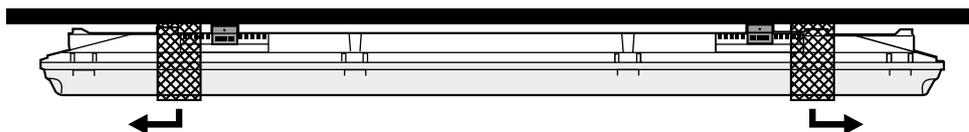
- Switch on the mains/DALI-2 bus voltage.
- Address the DALI-2 bus.
  - ✓ The lighting switches on/off.

Feedback from individually addressing:

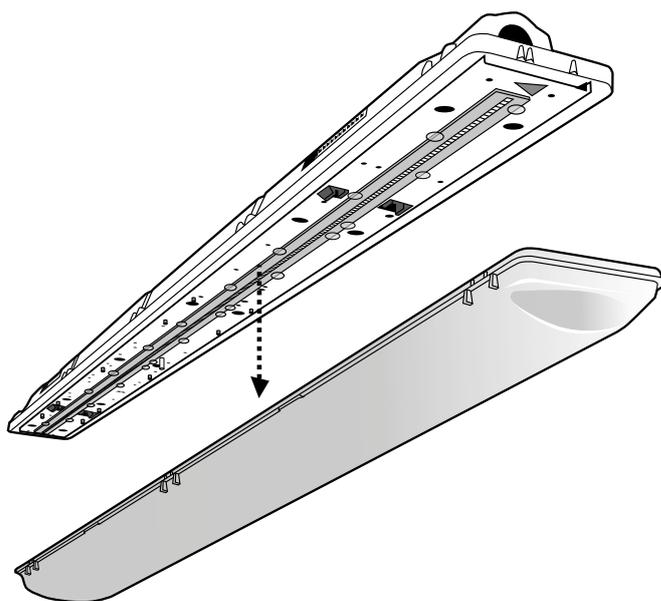
- ✓ Lighting switches on or flashes (depending on the application controller software).

#### 4.2.5 OLIVIA-2 – DALI-2 with motion detector

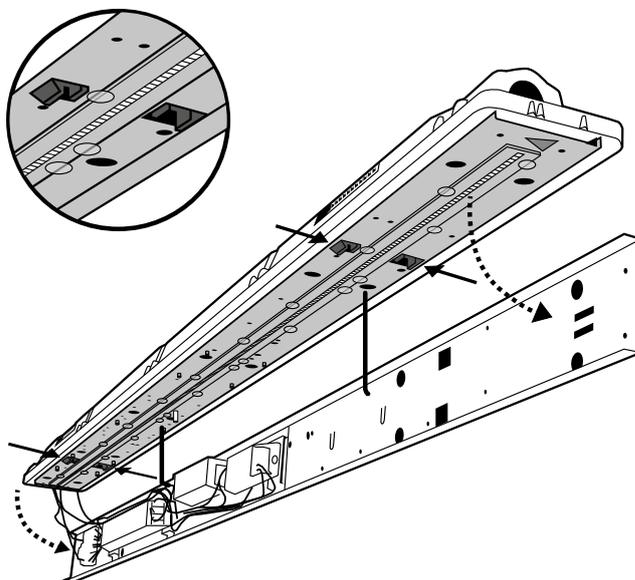
- Remove the sleeve (transport protection) before connecting the luminaire.



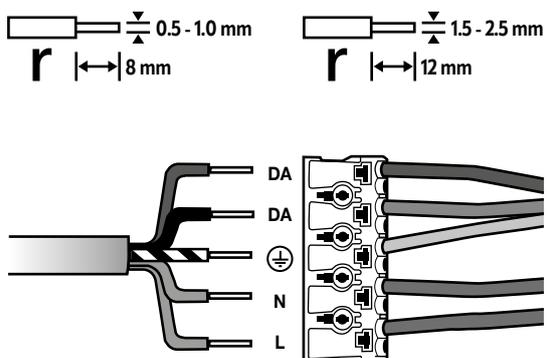
- Carefully remove the luminaire cover, putting it safely to one side and protecting it from damage and contamination.



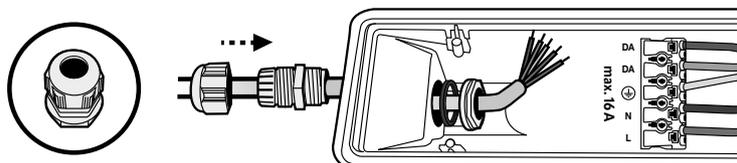
- Unlock and fold down the LED device housing.



- Prepare the connection and strip the cables.

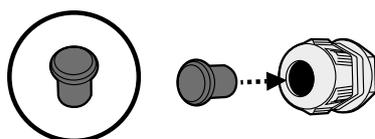


- Guide the cable through the cable gland and insert into the push terminal.



**For the last luminaire in a light strip, observe the following:**

- Equip the cable gland with a dummy plug.
  - ✓ The unoccupied cable inlet is sealed.



- Connect the luminaire according to the wiring diagram.

### CAUTION!

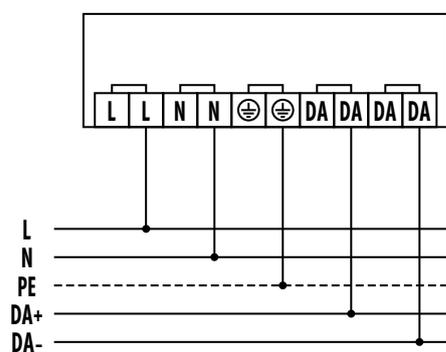
#### Damage due to improper connection.

Reverse polarity or short-circuiting of the DALI-2 bus cable may result in malfunctions or damage to the components.

- Observe the DALI-2 specifications (IEC 62386).
- For all DALI-2 connections, only use bus cables (not included) in accordance with DALI-2 specifications.
- Observe the terminal assignment.

#### Terminal assignment

L	External conductor 230 V ~
N	Neutral conductor
⊕	Earth conductor
DA	DALI-2



### Standard operation

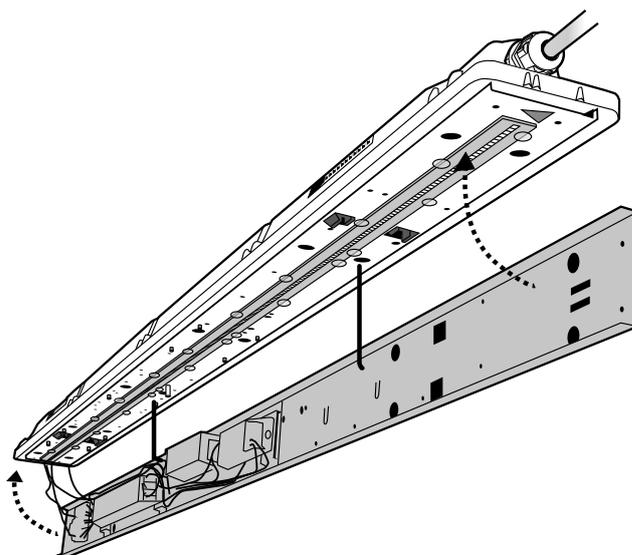
- Carefully close and lock the device housing.

### CAUTION!

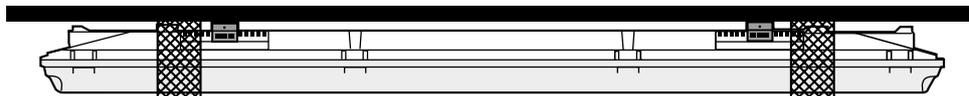
#### Damage due to improper locking of the device housing.

Improper closing and locking of the device housing may result in malfunctions or damage to the components.

- Do not touch the LED panel.



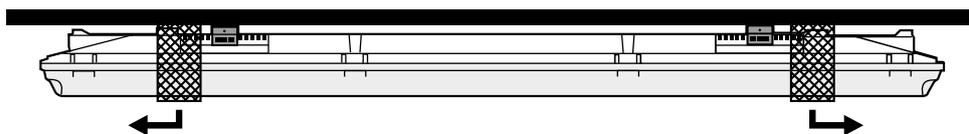
- Provisionally close the luminaire cover and secure with the sleeve until commissioning.



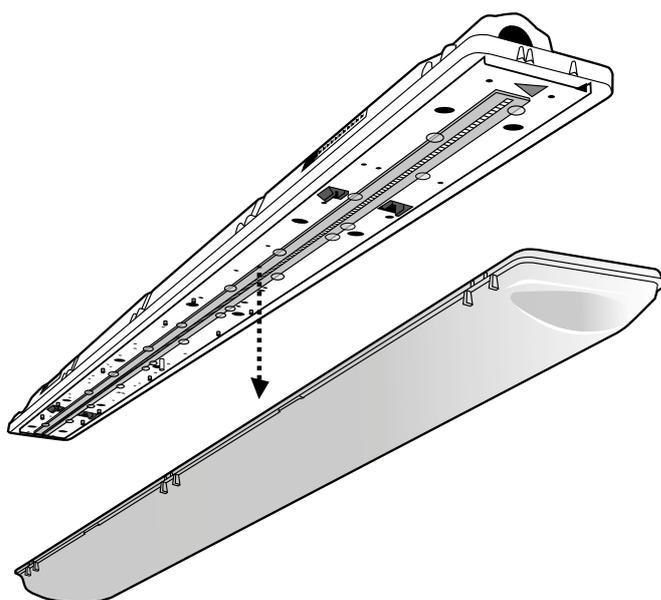
- Mount and connect other luminaires in the same way.

### Commissioning

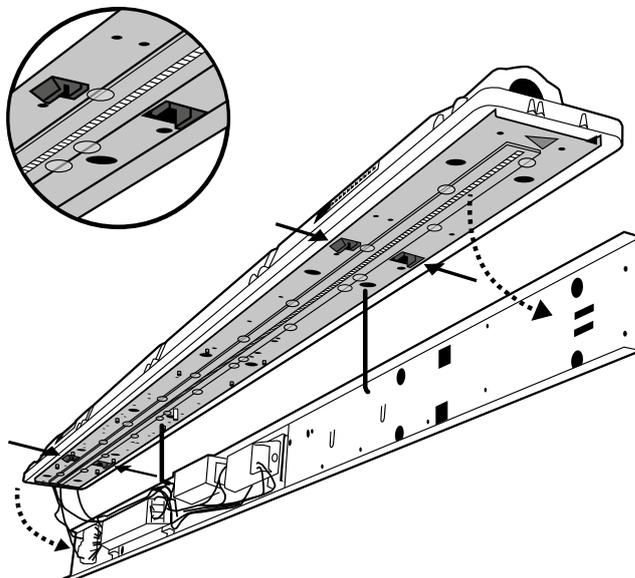
- Remove the sleeve again.



- Carefully remove the luminaire cover, putting it safely to one side and protecting it from damage and contamination.



- Unlock and fold down the LED device housing.



- Switch on the mains/DALI-2 bus voltage.



### WARNING!



### Risk of fatal injury from electric shock!

Work on the 230 V mains may result in death or serious injury. Connect the 230 V mains supply to the device housing. The LED strip poses a particular danger.

- Isolate the workspace accordingly.
- Address the DALI-2 bus.
  - ✓ The lighting switches on/off.

Feedback from individually addressing:

- ✓ Lighting switches on or flashes (depending on the application controller software).

The high-frequency motion detectors of the DALI-2 variants serve as input devices for APC presence detectors from the COMPACT series. An APC presence detector with integrated DALI-2 control unit controls OLIVIA-2

luminaires in up to 16 light groups. The APC only increases the illuminance in any zone where movement is detected.

**When using the APC presence detector from the COMPACT series with application controller:**

Address the DALI-2 coupler for the high-frequency motion detector.

- In the ESY-App, activate the identifier for input devices.
  - ✓ The status LED of the DALI-2 coupler flashes red.
- In the ESY-App, input a unique location designation of the luminaire with high-frequency motion detector for the addressed input device.
  - ✓ The luminaire appears in the overview list.



The status LED flashes green when movement is detected (independent of addressing status).

Delivered with the factory settings/in fully automatic mode. Adjusting elements (DIP switch) are located on the high-frequency motion detector.

**Factory settings**

Motion sensor sensitivity	100 %
Switch-off delay time	5 s
Level of brightness	Deactivated

**CAUTION!**

**OLIVIA-2 ... MD DALI-2: Damage due to improper configuration of the DIP switch.**

Altering the factory setting of DIP switches 3/4/5/6 may result in DALI-2 signal malfunctions and transmission errors between the high-frequency motion detector and the DALI-2 coupler.

- Do not alter the preset switch-off delay time (DIP switches 3 + 4) or the level of brightness (DIP switches 5 + 6).

### Permissible setting options



DIP 1	DIP 2	Motion sensor sensitivity
●	●	100 %
○	●	75 %
●	○	50 %
○	○	10 %

- Carefully close and lock the device housing.

### **WARNING!**

#### **Risk of fatal injury from electric shock!**

Work on the 230 V mains may result in death or serious injury.

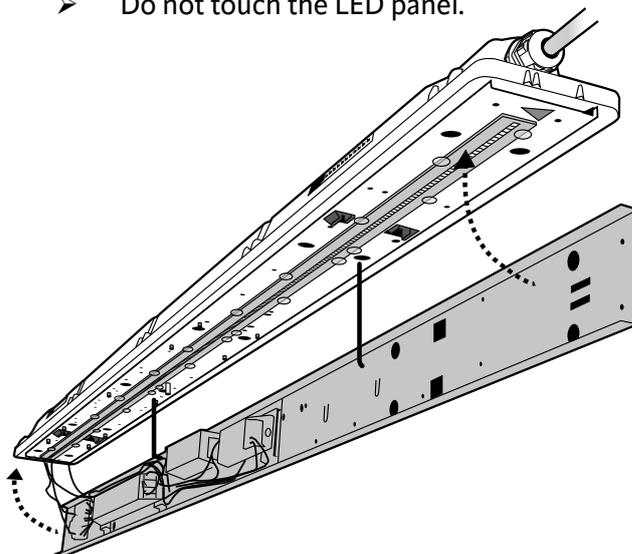
- Disconnect the mains/DALI-2 bus voltage.

### **CAUTION!**

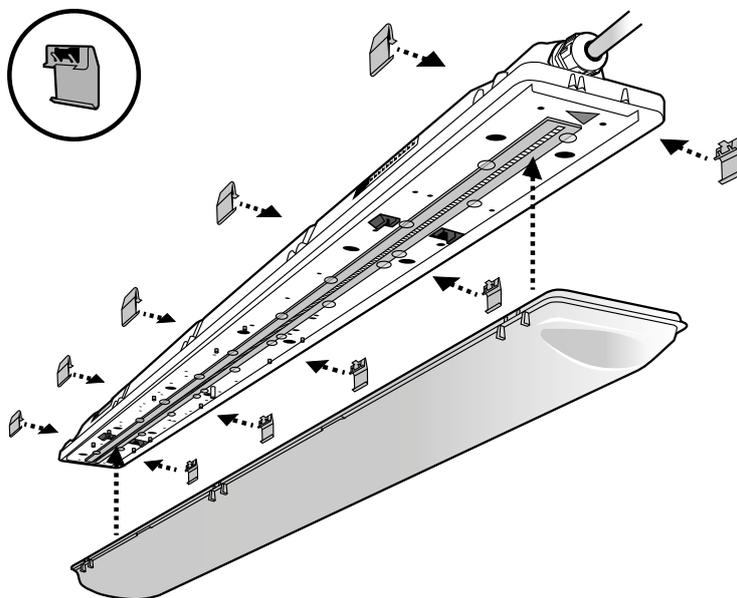
#### **Damage due to improper locking of the device housing.**

Improper closing and locking of the device housing may result in malfunctions or damage to the components.

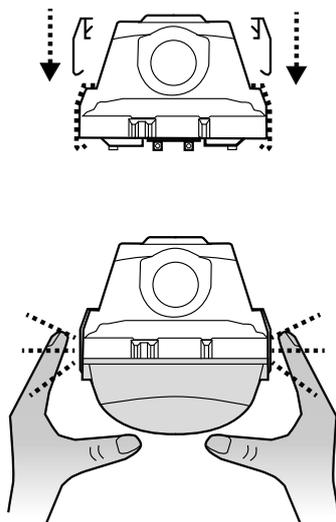
- Do not touch the LED panel.



- Attach the locking clips.

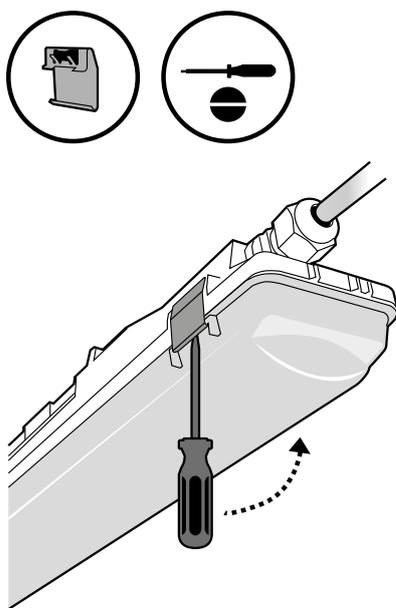


- Lock the luminaire cover.



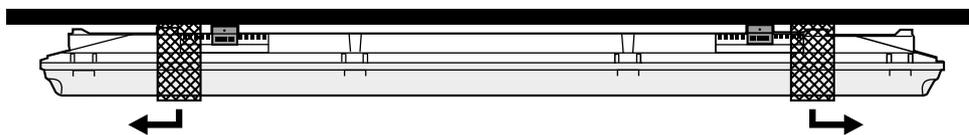
### Disassembling the luminaire cover

- Loosen the locking clips using a screwdriver.



### 4.2.6 OLIVIA-2 – DALI-2 with security lighting function

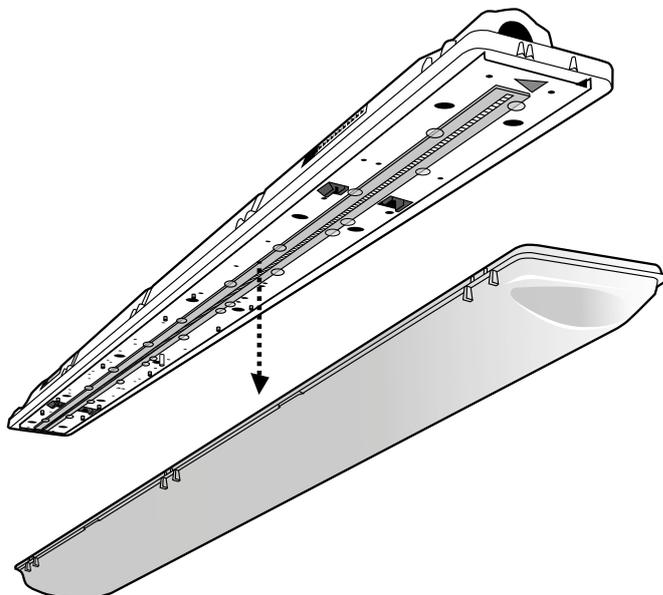
- Remove the sleeve (transport protection) before connecting the luminaire.



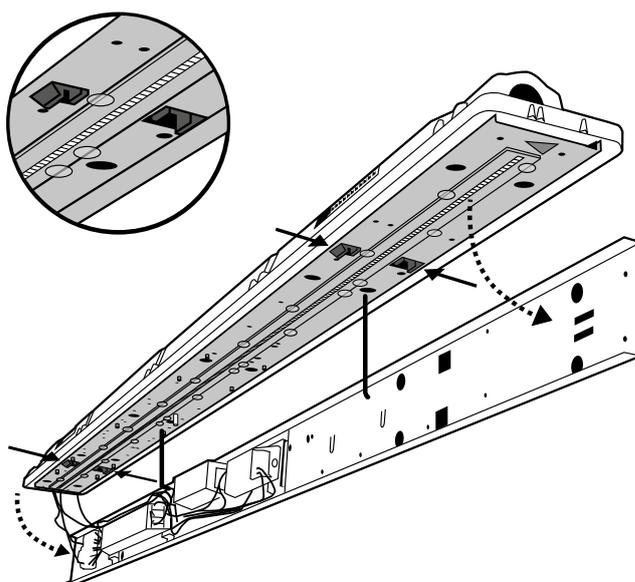
## Installation/commissioning

---

- Carefully remove the luminaire cover, putting it safely to one side and protecting it from damage and contamination.

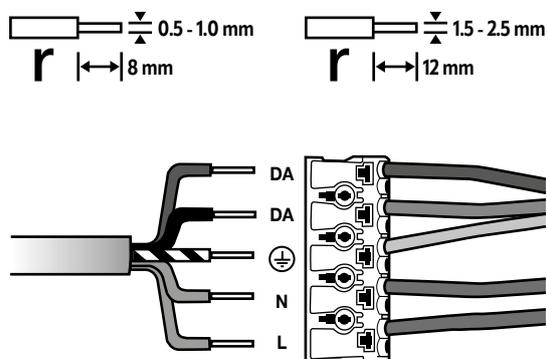


- Unlock and fold down the LED device housing.

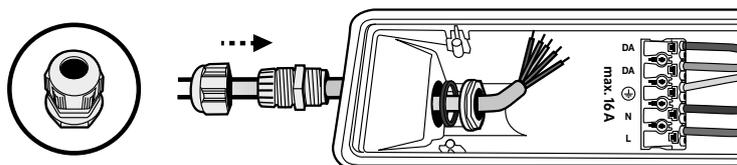


## Installation/commissioning

- Prepare the connection and strip the cables.

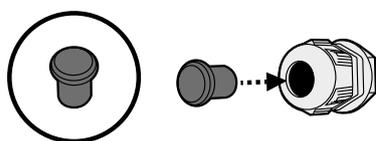


- Guide the cable through the cable gland and insert into the push terminal.



**For the last luminaire in a light strip, observe the following:**

- Equip the cable gland with a dummy plug.
  - ✓ The unoccupied cable inlet is sealed.



- Connect the luminaire according to the wiring diagram.

### CAUTION!

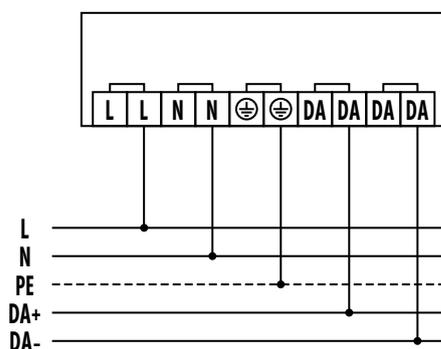
#### Damage due to improper connection.

Reverse polarity or short-circuiting of the DALI-2 bus cable may result in malfunctions or damage to the components.

- Observe the DALI-2 specifications (IEC 62386).
- For all DALI-2 connections, only use bus cables (not included) in accordance with DALI-2 specifications.
- Observe the terminal assignment.

#### Terminal assignment

<b>L</b>	External conductor 230 V ~
<b>N</b>	Neutral conductor
	Earth conductor
<b>DA</b>	DALI-2



#### Standard operation

#### Battery connection

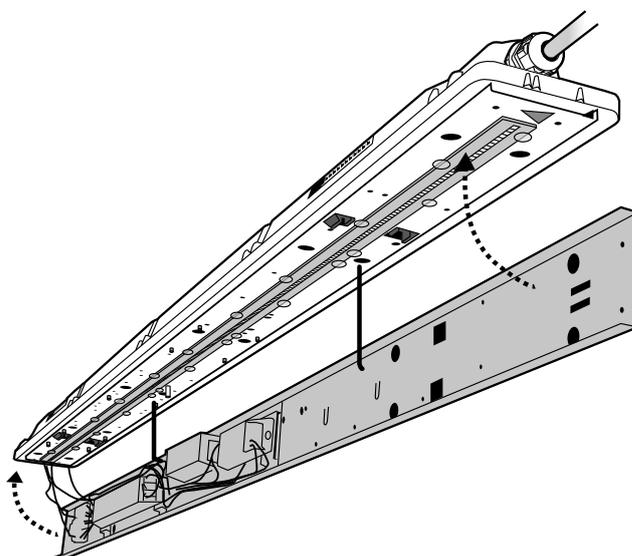
- Connect the battery.
- Label the battery nameplate with the installation date.
- Attach the battery to the electronics cover using the cable ties.
- Connect the plug, which is protected against reverse polarity, to the electronics.

- Carefully close and lock the device housing.

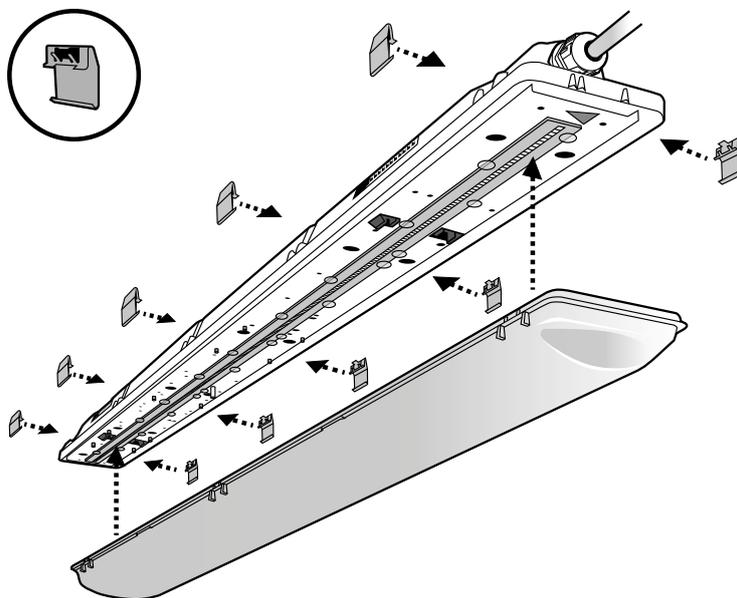
**CAUTION!****Damage due to improper locking of the device housing.**

Improper closing and locking of the device housing may result in malfunctions or damage to the components.

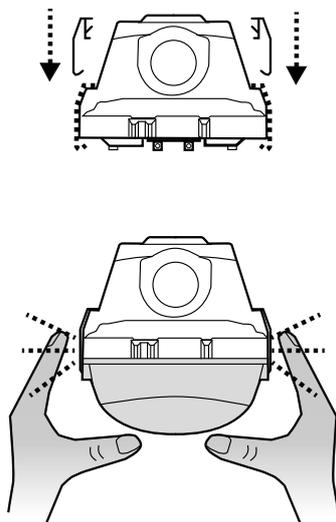
- Do not touch the LED panel.



- Attach the locking clips.

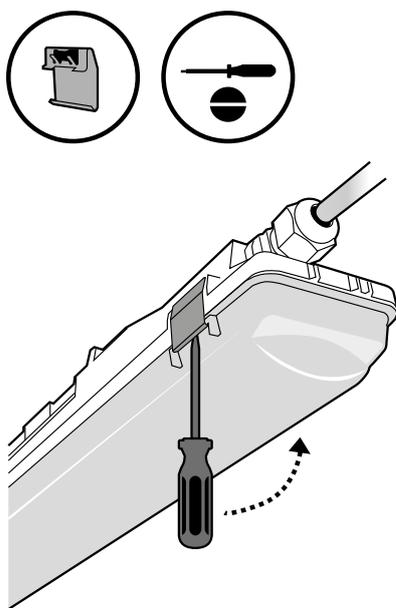


- Lock the luminaire cover.



### Disassembling the luminaire cover

- Loosen the locking clips using a screwdriver.



### Commissioning

- Switch on the mains/DALI-2 bus voltage.
- Address the DALI-2 bus.
  - ✓ The lighting switches on/off.

Feedback from individually addressing:

- ✓ Lighting switches on or flashes (depending on the application controller software).

### Automatic testing

The lighting is turned off and the status LED lights up green.

- ✓ The converter and the battery are ready for use.

---

**i** Large lighting systems with the suitable DALI-2 application controller can set up tests, monitor and record for the security lighting function, e.g. with TRIDONIC sceneCOM evo DA2.

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## 5. Maintenance

In the event of damage, the entire luminaire must be replaced. When monitoring the luminaires with security lighting function, observe corresponding regulations and standards. Tests are required by law in accordance with VDE 0100-718 (EN 50172).

### 5.1 Replacing the battery

Replace the battery when the emergency light duration falls below 3 h. Only use original batteries from the manufacturer.

Item no.	Product name	Description
EO10310546	OLIVIA-2 BATTERY LiFePO4 4500 mAh	Spare battery (LiFePO4) for OLIVIA-2 ON/OFF with 3 h security lighting function
EO10310553	OLIVIA-2 DALI-2 BATTERY LiFePO4 4500 mAh	Spare battery (LiFePO4) for OLIVIA-2 DALI-2 with 3 h security lighting function



#### WARNING!



#### Risk of fatal injury from electric shock!

Work on the 230 V mains may result in death or serious injury.

- Disconnect the mains/DALI-2 bus voltage.
- Check that the relevant components have been de-energised.
- Secure the power supply from being switched on again.
  
- Connect the battery.
- Label the battery nameplate with the installation date.
- Attach the battery to the electronics cover using the cable ties.
- Connect the plug, which is protected against reverse polarity, to the electronics.
- Connect the mains voltage.

## 6. Cleaning

### CAUTION!

#### Damage due to improper cleaning.

Cleaning with alcohol-based, corrosive or abrasive cleaning agents or scouring pads may result in malfunctions and damage to the surface.

- Use a soft cloth dipped in a detergent solution.

## 7. Disposal



This device must not be disposed of as unsorted residual waste. Owners are required by law to correctly dispose of used devices. More information is available from your local town council.



Batteries contain substances that are harmful to health and the environment. Dispose of correctly. Do not dispose of as unsorted residual waste. Return free-of-charge to the place of sale for recycling.

ESYLUX GmbH hereby declares that the product OLIVIA-2 ... MD ... complies with the basic requirements and other relevant provisions of Directive 2014/53/EU.

## 8. EU Declaration of Conformity

The product complies with the following directives:

EMC 2014/30/EU  
LVD 2014/35/EU  
RoHS 2011/65/EU  
Ecodesign 2009/125/EC

The complete document is available on the Internet as a PDF:  
[https://www.esylux.info/konformitaet/esylux\\_ce\\_olivia2\\_ce2260200.pdf](https://www.esylux.info/konformitaet/esylux_ce_olivia2_ce2260200.pdf)

If the product is modified or expanded without our prior consent, this declaration is no longer valid.

## **9. ESYLUX manufacturer's warranty**

The ESYLUX manufacturer's warranty can be found on the relevant product page at [www.esylux.com](http://www.esylux.com).