

# INTERIORSYSTEM: INSTALL & MANUAL INSTRUCTIONS

## ECOLINE LED-GALLERY LIGHTING

Version 1.0 (2013-04-01)



Subject to technical changes.



# CONTENT AND TOOLS

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## TOOLS:

- Hack saw
- Drilling machine
- Drill set metall
- Screwdriver set
- Pencil
- Scissors



## VERSION INFORMATION:

Version 1.0:

# PRODUCT INFORMATION

## GENERAL INFORMATION: Preparation









- This manual is part of the product and describes the safe and proper installation of the system
- Read the instructions carefully and closely before installation
- Please check the completeness of the delivered parts and check carefully if any transport damages are visible
- If any parts are damaged or lost, please immediately contact the responsible supplier.
- It is assumed that you have exactly identified all cutting dimensions according to the measurement instruction for **raumplus**-products

## Personnel qualification

- Please note that the assembly must only be performed by qualified and trained staff in strict compliance with all details indicated in this document. Improper installation in variation from manufacturer's specification may cause defects and danger, thus endangering the safe fixing of the product as well as the safety of the prospective user.  
The liability of the manufacturer shall be excluded in case of defects and consequential damages resulting from incorrect assembly of this product.

## SYMBOLS:

### Used symbols / safety instructions

Symbol	Importance
	Risk or danger!
	Advice and information
	Additional information / other documents
	Switch
	Directional data / direction of movement
	„yes“ and „right“
	„no“ and „wrong“
	Follow the order

## SYSTEM:

### System information: Ecoline

- Width: min. **219**mm, max. **1019**mm
- Height: min. **317**mm, max. **2749**mm
- Depth: min. **230**mm, max. **600**mm  
A height reduction is only in 32 mm increments possible!

# PRODUCT INFORMATION

## GENERAL INFORMATION: **Product safety**

- The system is in accordance with the state of the art and recognized safety rules at the time of delivery

## USE:

### **Intended use**

- The prerequisite for the intended use of our products is the professional installation according to our installation instruction. Sufficient fittings must be available and durably installed in all relevant places.  
The function of the fitting must not be hindered or altered during installation.
- Special solutions are only possible in consultation with **raumplus**

### **Use not as intended**

- Risk or danger may occur in the following cases:

the safety and installation instructions have not been followed.  
after improper installation or inadequate fixing( e.g. to parts of buildings)  
the maximum weight of the doors have been exceeded.  
improper shock loads or other additional loads on the fittings have occurred  
the fittings have been used outside.

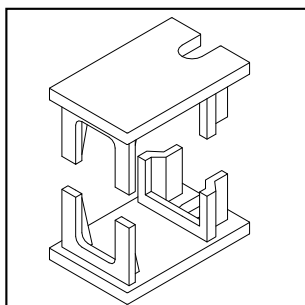
### **Structural modifications**

- structural modifications that can not be offered as an accessory made by raumplus may only be attached or installed with permission of raumplus.

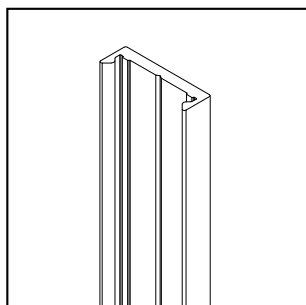
### **Safety information**

- Changes in electrical connections and current-carrying cables are only to be performed by licensed professionals!  
A combination of LED-spots and halogen spots on one transformer is not possible!  
Note the maximum switching capacity of the switch.  
The light strips, converter / transformer and switches should under no circumstances be covered by insulation materials.  
Adhere to the installation regulations VDE 0100.  
Structural changes, additions or modifications can only be carried out by a supplies.  
In case of malfunctions or irregularities: shut down system and call your supplies.  
Pay attention to child safety.

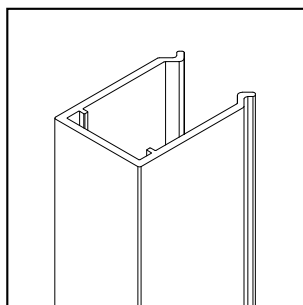
# ACCESSORIES



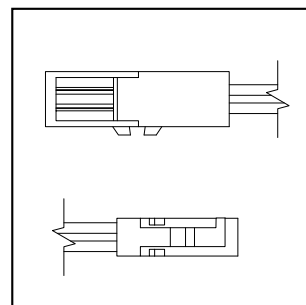
1\_ 10.43.056



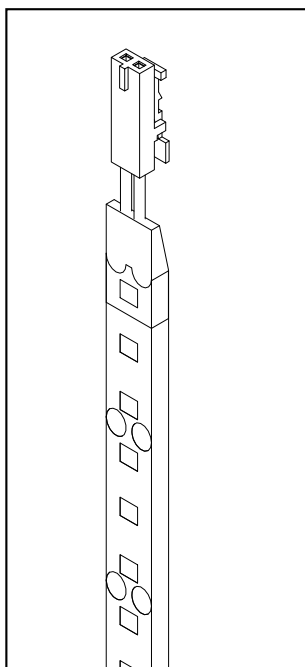
2\_ 10.43.050



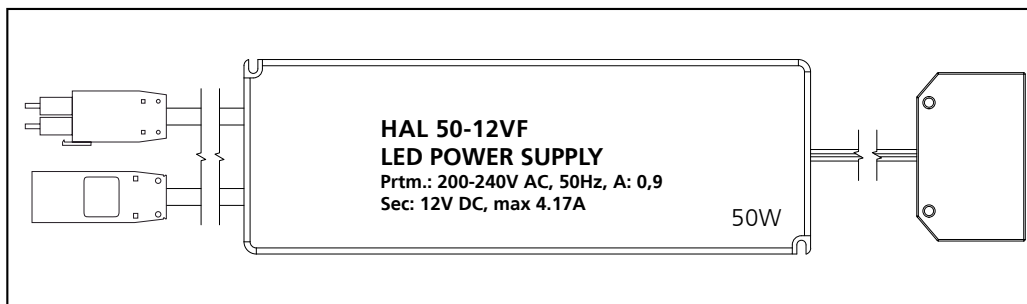
3\_ 10.43.055



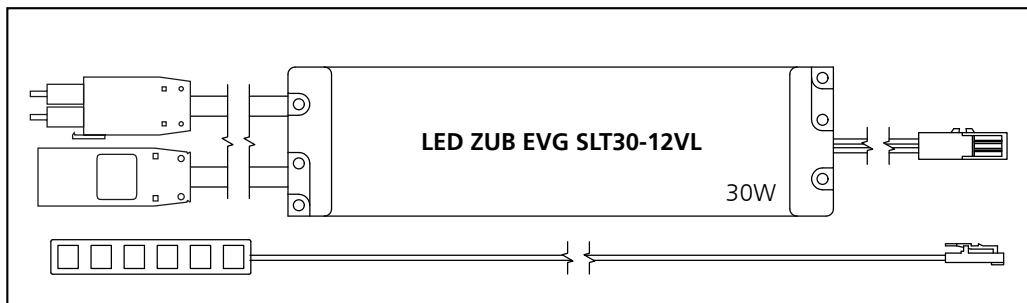
4\_ 10.43.077



5\_



6\_ 10.43.076

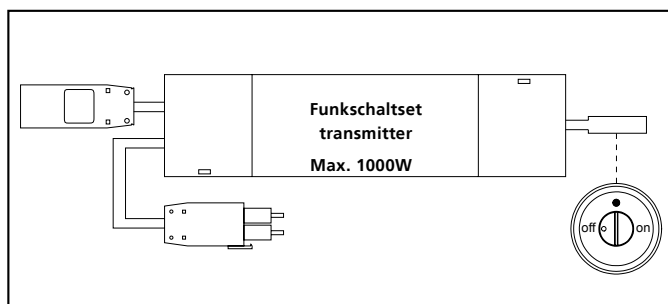


7\_ 10.43.075

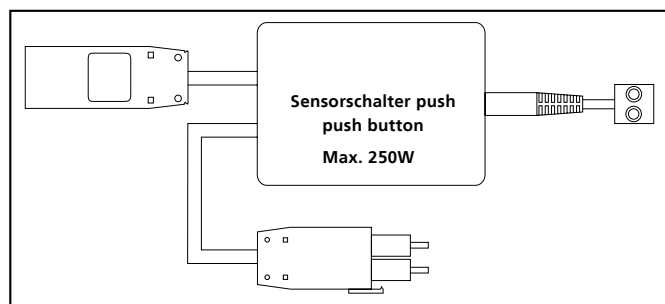
- 1\_ End caps for galleries lighting
- 2\_ Ground profile galleries lighting B: 16mm
- 3\_ Cover profile galleries lighting B: 16mm
- 4\_ Extension lead for LED 5000mm
- 5\_ LED flexstripe 1200mm, warm white Item No.: 10.43.040  
LED flexstripe 2750mm, warm white Item No. 10.43.045
- 6\_ LED EVG 50W incl. 6-fold distributor
- 7\_ LED EVG 30W incl. 6-fold distributor

# ACCESSORIES

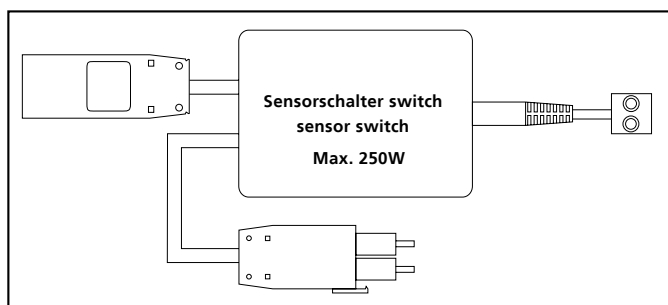
## Switches & Connections



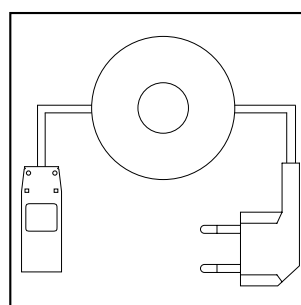
1\_ Transmitter 10.44.074



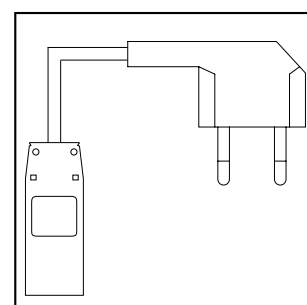
2\_ Push button 10.44.072



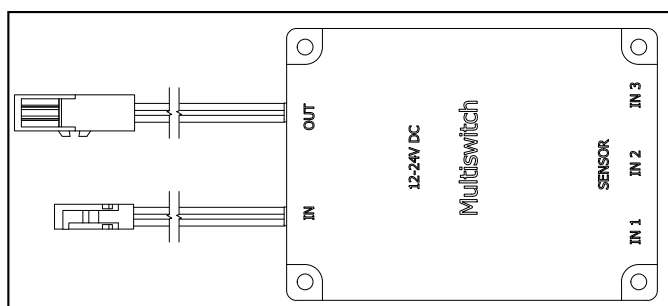
3\_ Sensor switch 10.44.073



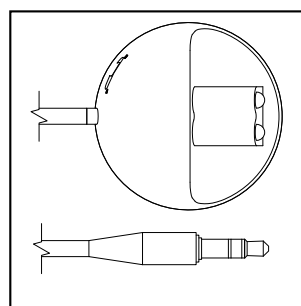
4\_ Power cable 5000mm  
Footswitch 10.44.066



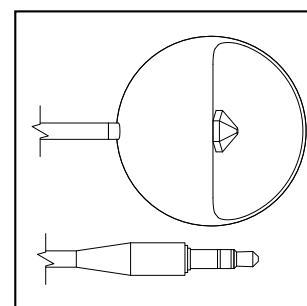
5\_ HV input lead with europ.  
plug 10.44.065



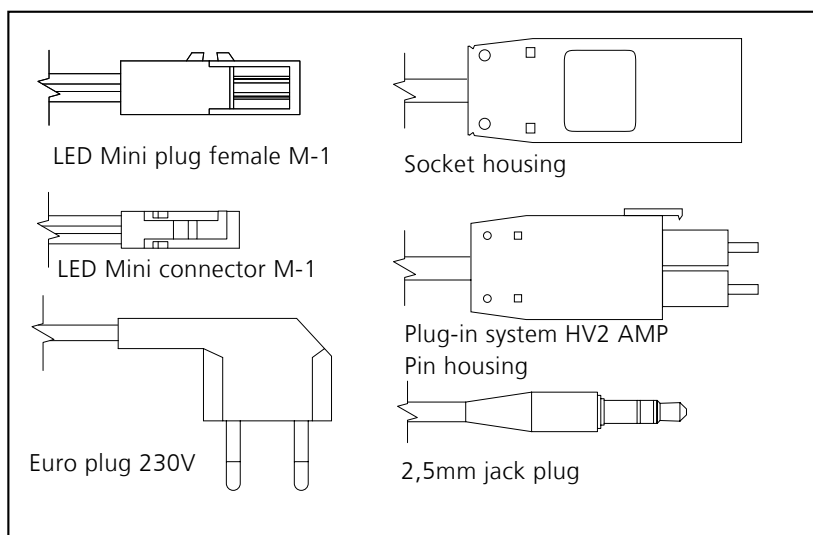
6\_ Multiswitch controller 10.43.080



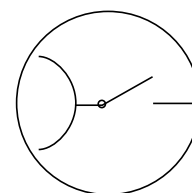
7\_ Multiswitch  
infra-red sensor 10.43.081



8\_ Multiswitch motion  
detector 10.43.082



6\_ Overview plug-in system

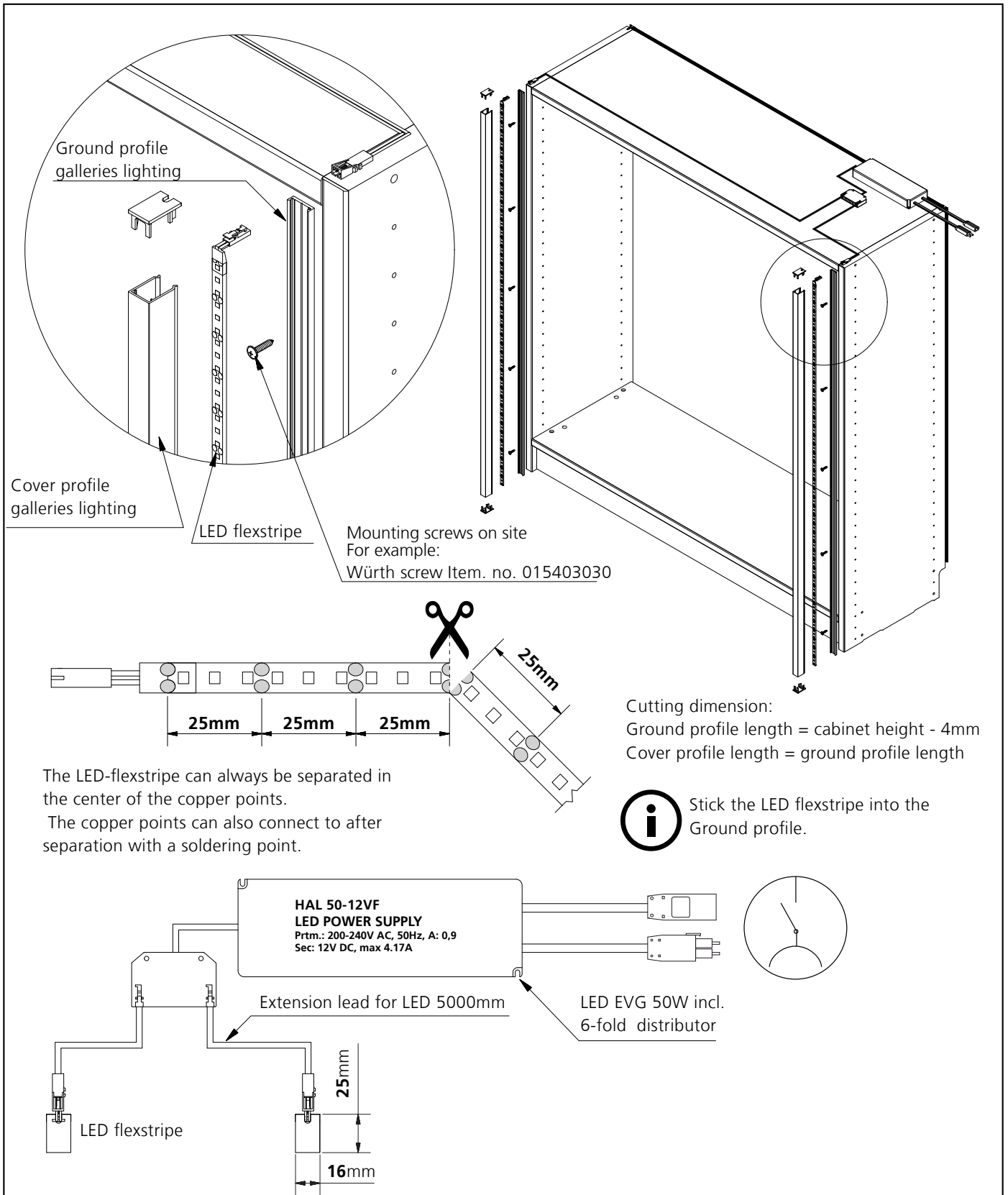


Symbolic illustration for the above switches.



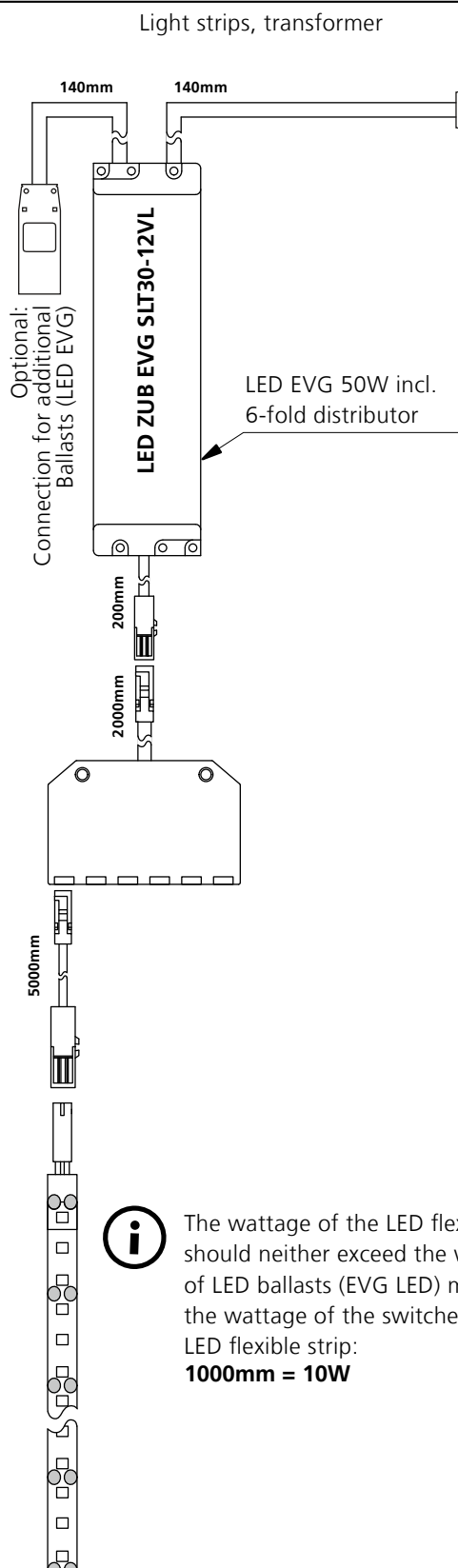
After the distribution / transformer, the switches can be connected as shown on page 8 Fig.1.

# GALLERY LIGHTING



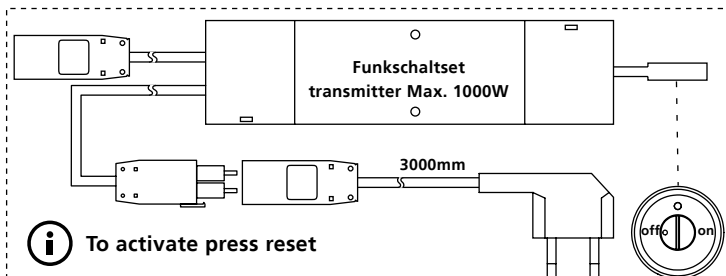
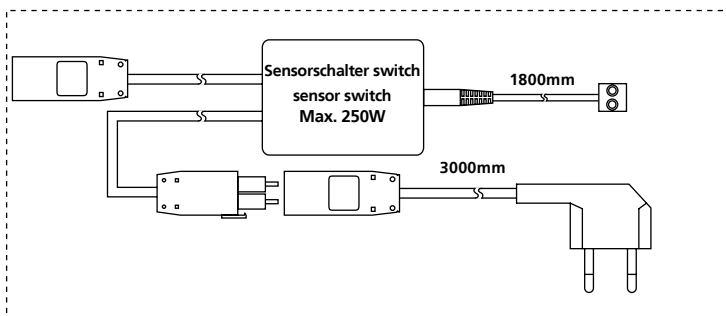
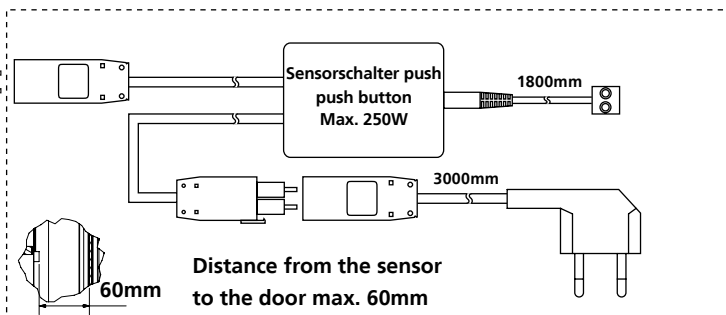
# INSTALLATION INSTRUCTION

## SWITCH

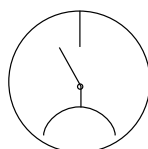
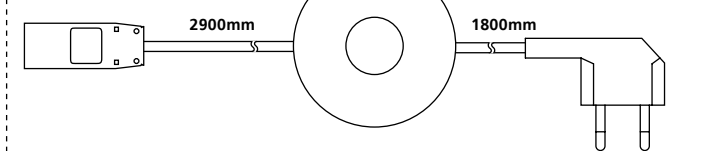


The wattage of the LED flex-strip should neither exceed the wattage of LED ballasts (EVG LED) more the the wattage of the switches!  
LED flexible strip:  
**1000mm = 10W**

### Switch



### Footswitch

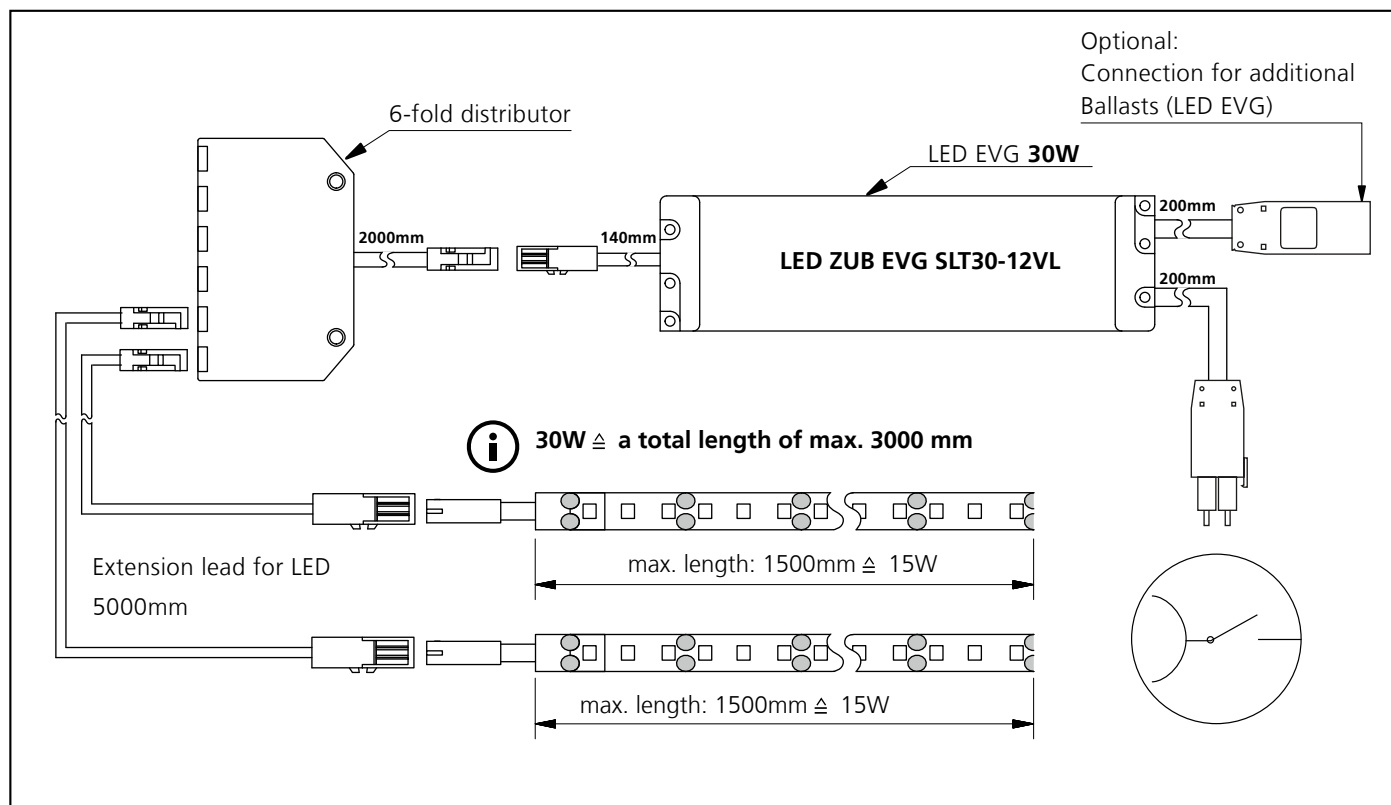


After the LED flexstrip, distributor, transformer and switch are connected as shown.  
The connection to the power supply performed by customer

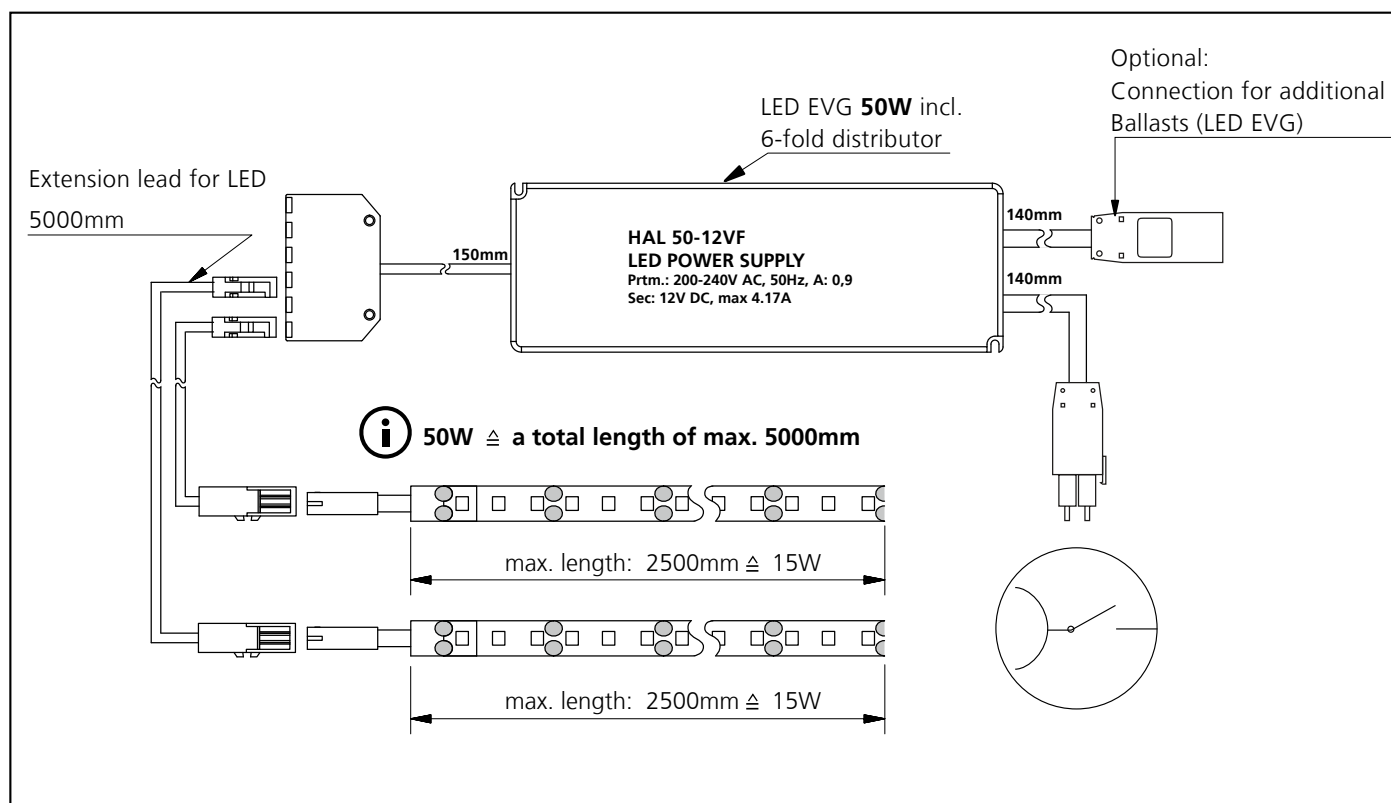


# INSTALLATION INSTRUCTION

## GALLERY LIGHTING STANDARD



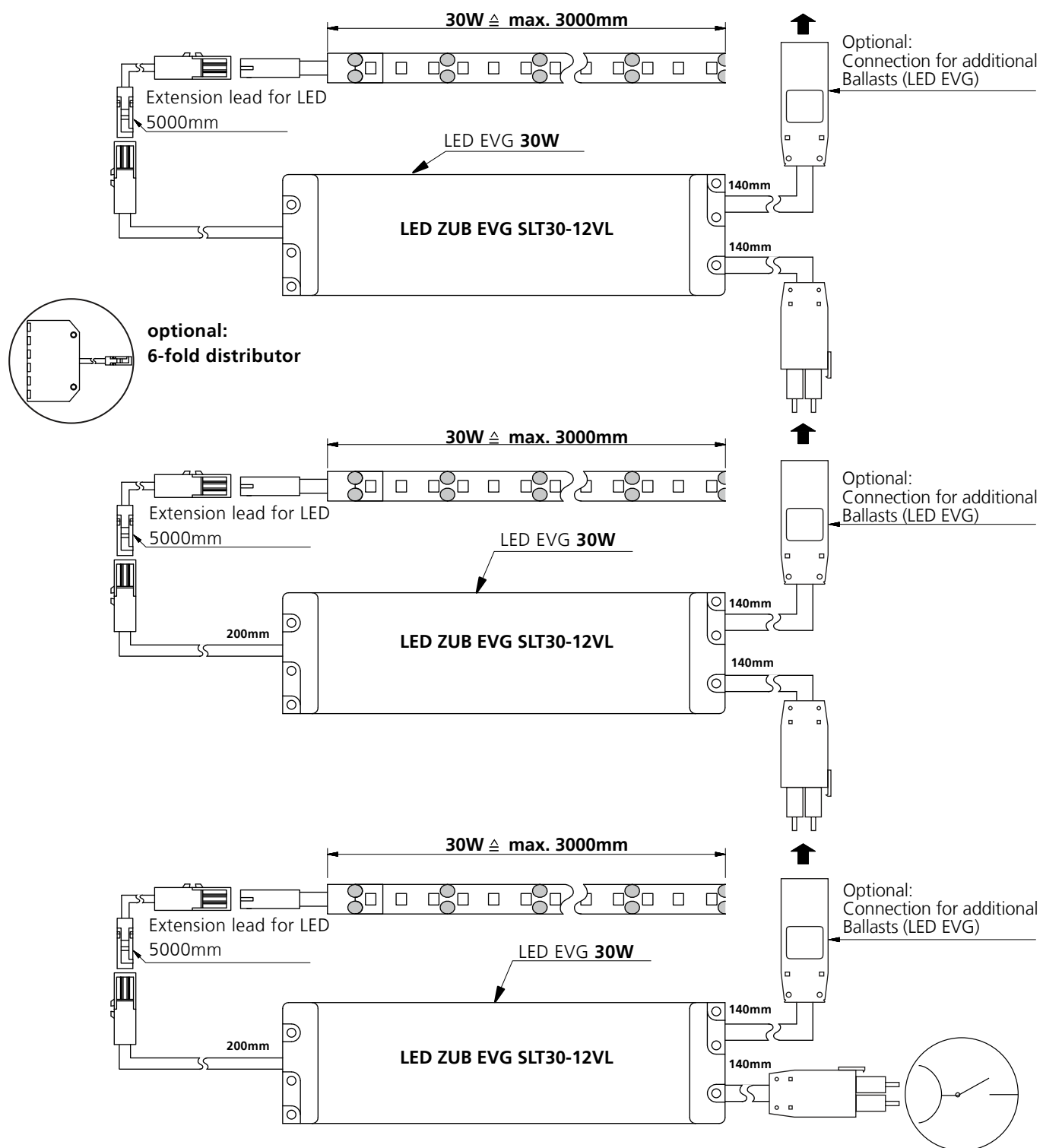
2\_ Circuit for 2nd LED flexstrips / LED EVG 30W (example circuit)



3\_ Circuit for 2nd LED flexstrips / LED EVG 50W (example circuit)

# INSTALLATION INSTRUCTION

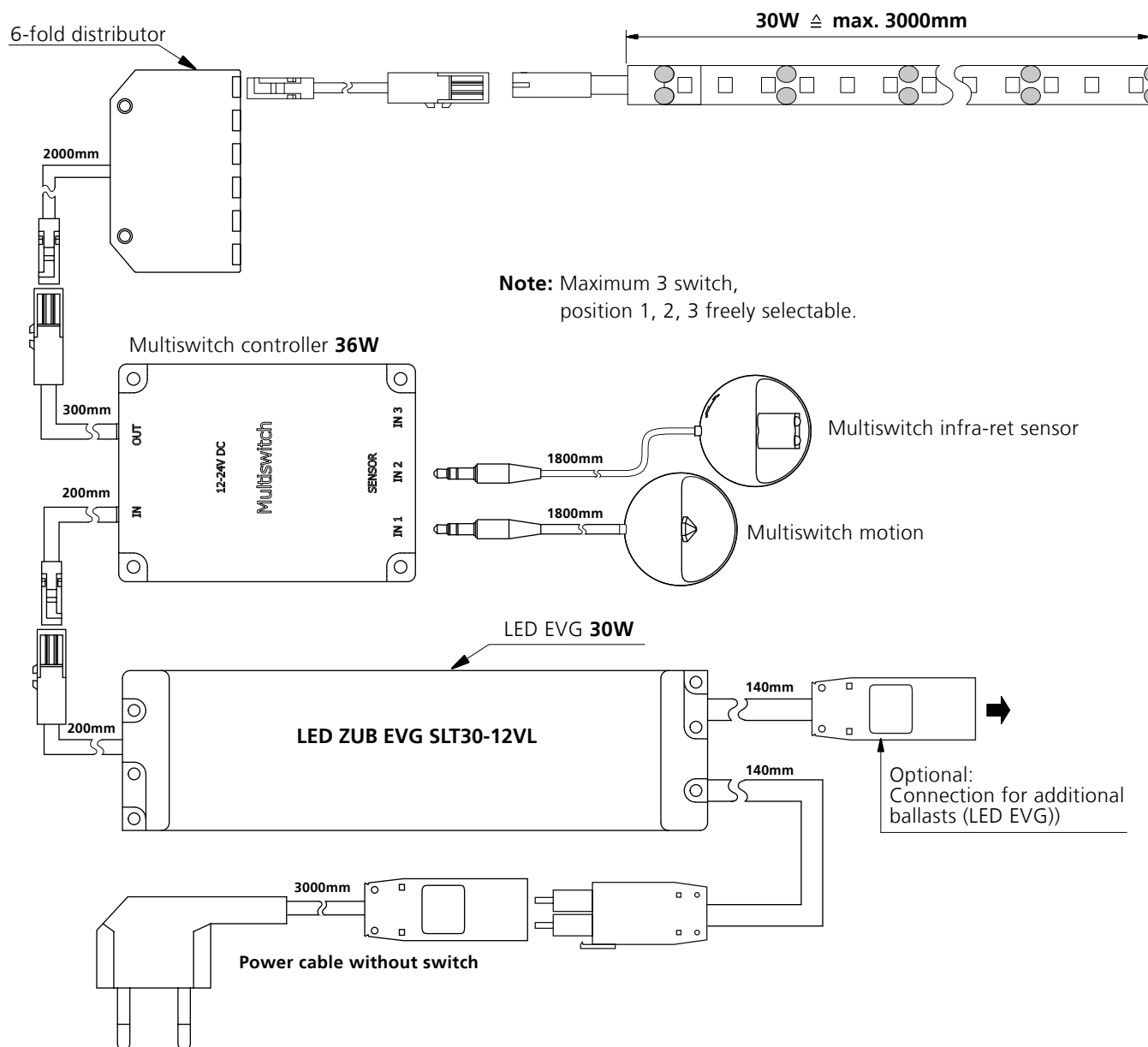
## GALLERY LIGHTING SERIES CIRCUIT



Pay attention to the wattage of the LED ballasts (EVG LED 30W),  
if necessary use the **LED EVG 50W inkl. 6-fold distributorr** .

# INSTALLATION INSTRUCTION

## CIRCUIT FOR MULTISWITCH CONTROLLER



The wattage of the LED flex-strip should neither exceed the wattage of LED ballasts (EVG LED) more the the wattage of the switches! LED LED flex-strips: **1000mm = 10W**

