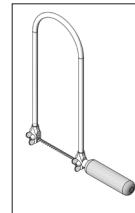


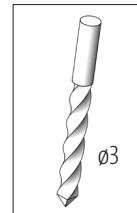
121869

# Deco Light

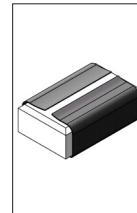
**Required Tools:**



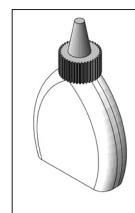
Fretsaw



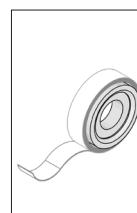
Drill



Sandpaper



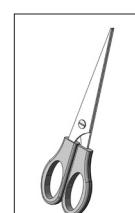
Wood glue



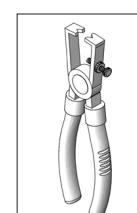
Adhesive tape



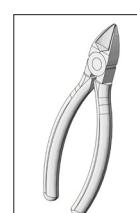
Screwdriver



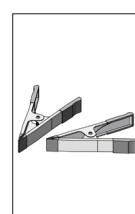
Scissors



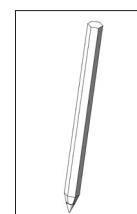
Wire stripper



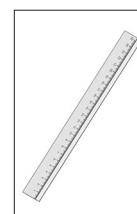
Side cutter



Clamp



Pencil



Ruler

**Please Note**

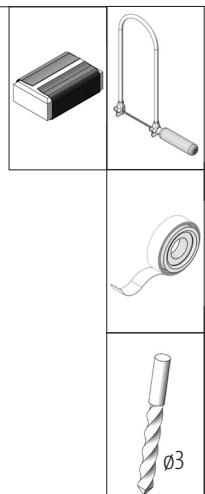
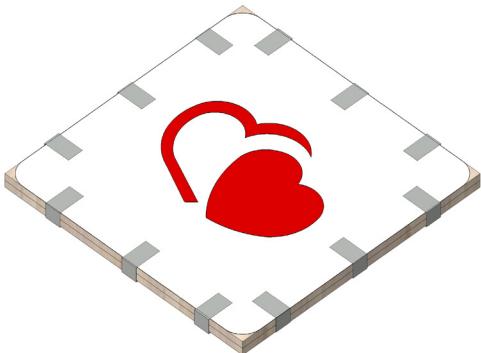
The Opitec Range of Projects is not intended as play toys for young children. They are teaching aids for young people learning the skills of craft, design and technology. These projects should only be undertaken and operated with the guidance of a fully qualified adult. The finished projects are not suitable to give to children under 3 years old. Some parts can be swallowed. Danger of suffocation!

Parts List	Quantity	Size (mm)	Description	Part No.
Plywood	2	200x200x4	Base plate	1
Wooden strip	1	250x30x20	Frame strip	2
Wooden strip	2	200x30x20	Frame strip	3
LED light strip	1	500	Lighting	4
Battery holder with switch	1		Power source	5
Luster terminal strip	1	2 poles	Wiring	6
Thumbtacks	2		Wiring	7
Pan head cross slot tapping screw	1	2,2x16	Mounting luster terminal strip	8

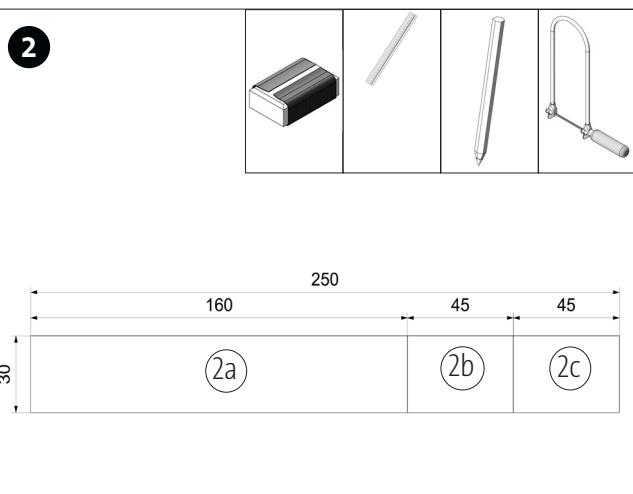
## Instructions 121.869

### Deco Light

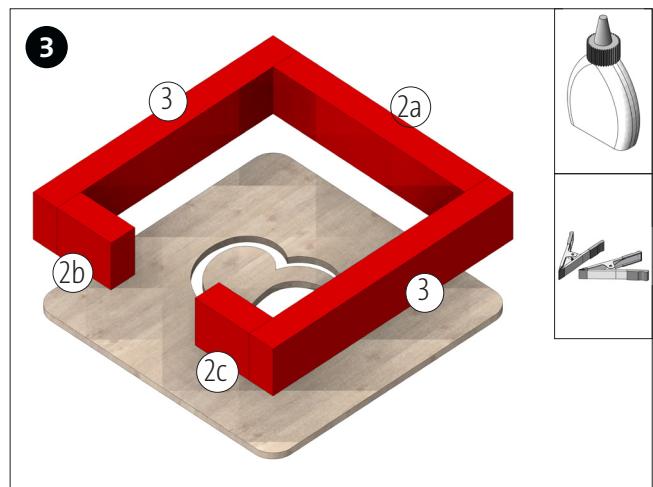
**1** **Please Note:** The plywood cuts have an A and B side.  
The A-side should face inwards!



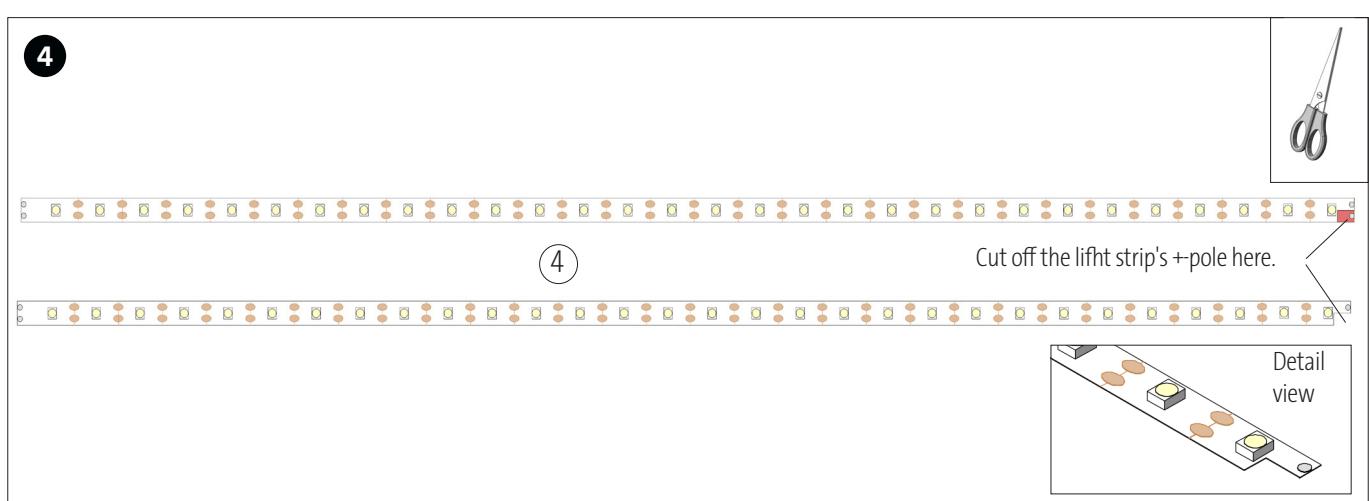
Select and cut out your desired motif (templates page 5-10). Place the two plywood panels (1) on top of each other and fix them. Fix your selected template with adhesive tape on top of the panels. To cut out, drill a hole of approx.  $\varnothing$  2 mm within the sawing line for the fretwas blade and then saw out the motif. Clean the saw cuts.



Cut the frame strip (2) to length as shown in the illustration. Clean the saw cuts.



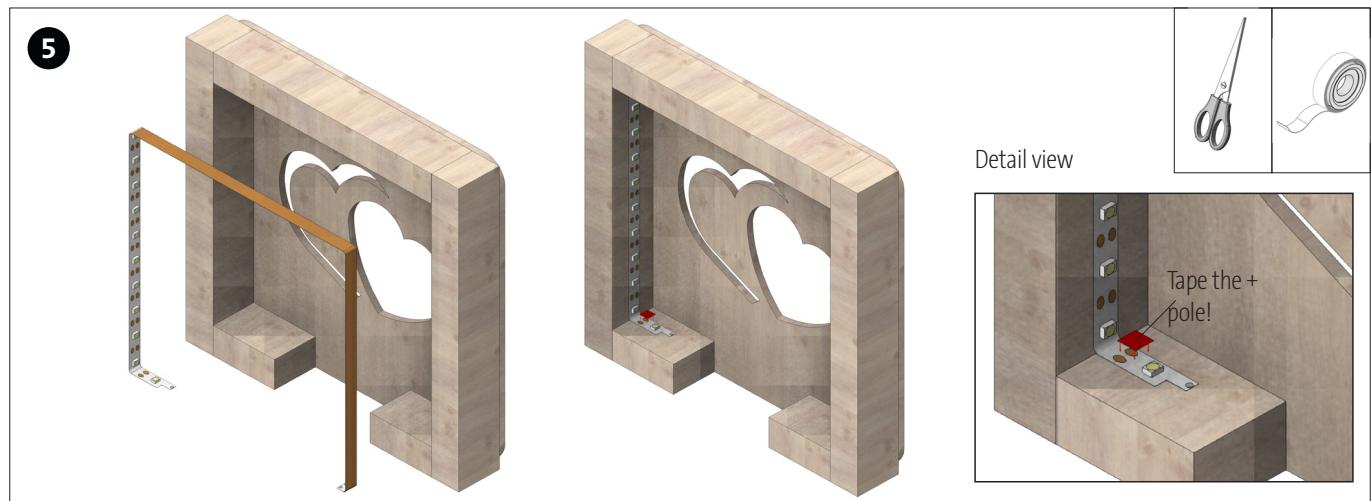
Glue the frame strips (2a-2c) onto one of the motif plywoods as shown. Fix with clamps and let the glue dry well. The A-side faces outwards!



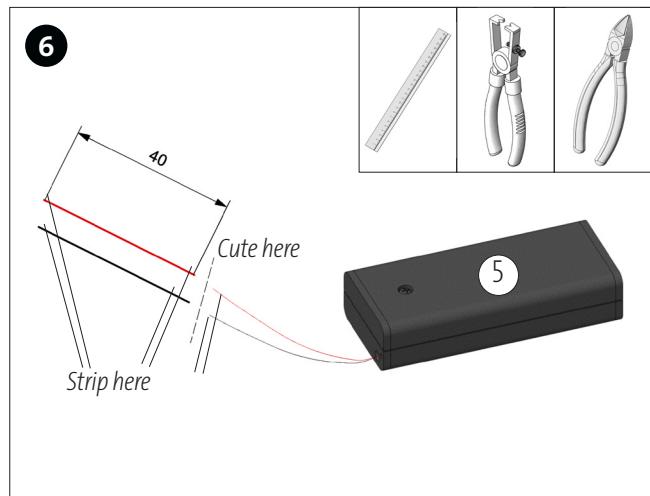
Cut off the positive pole of the LED light strip (4) as shown above. The negative pole remains to connect the power source.

Instructions 121.869

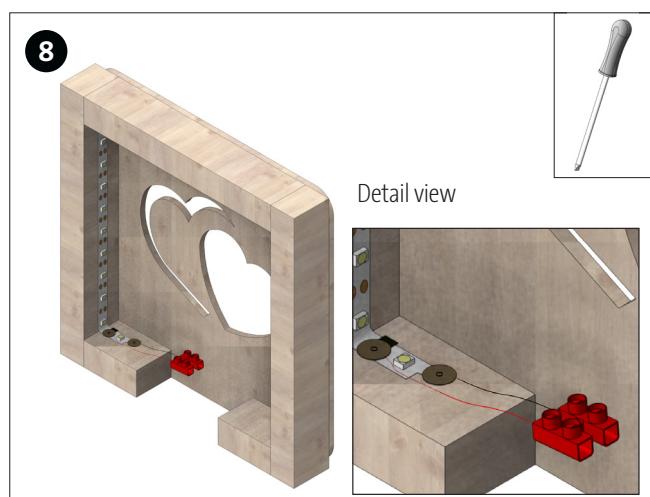
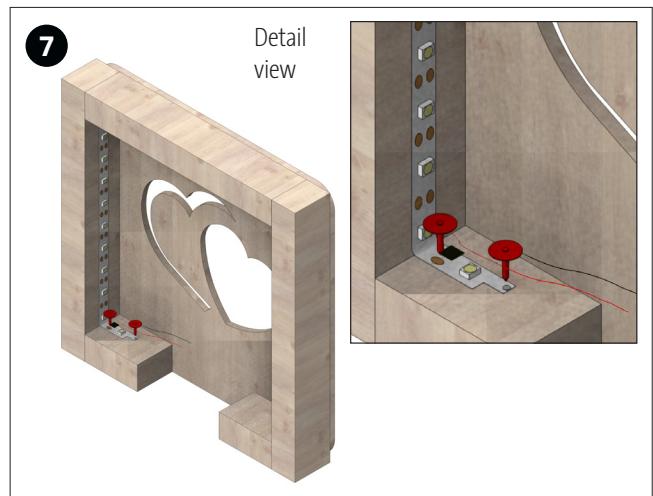
Deco Light



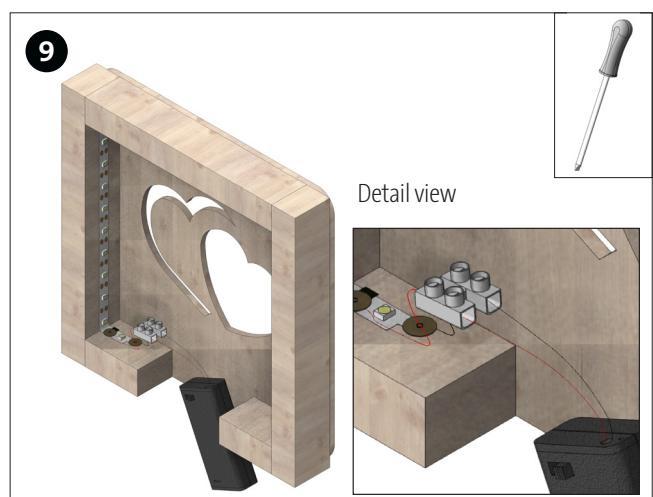
Glue the light strip into the frame as shown. Then tape the positive pole of the next row of connections with a small piece of adhesive tape as shown in detail.



Cut from both cables of the battery holder (5) 40 mm each and strip them on both sides. Also strip the shortened cables of the battery holder.

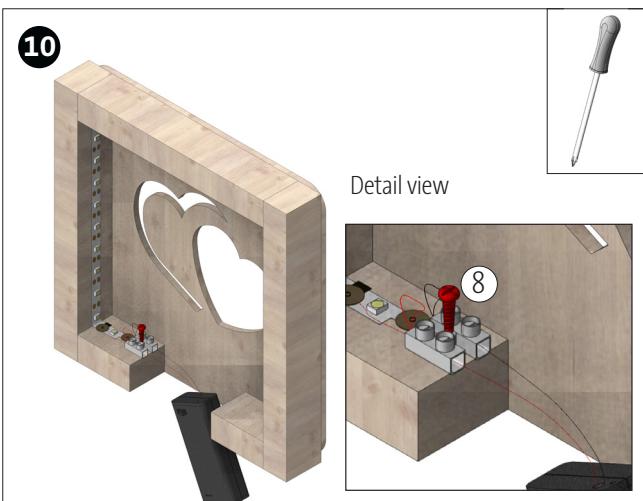


Then connect both cables to the luster terminal strip as shown.



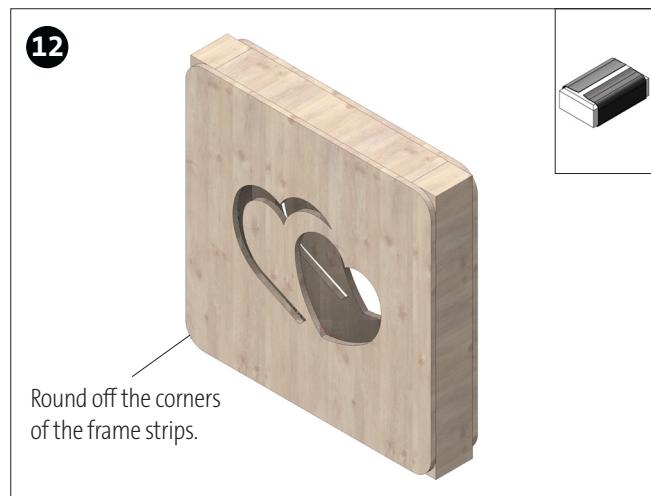
Instructions 121.869

Deco Light

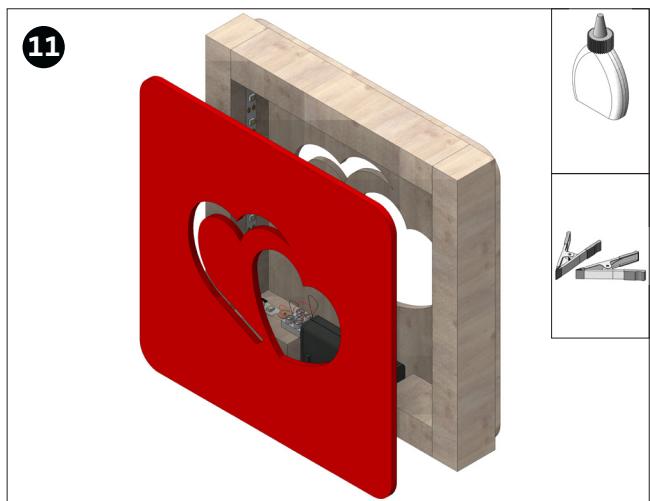


Screw the luster terminal strip onto the wooden frame as shown with the screw (8).

**Note: Insert batteries and check function!**



Use sandpaper to adjust the protruding corners of the frame to the rounding of the back and top plate.



Glue the cover plate congruently. Fix it with clamps and let the glue dry well.



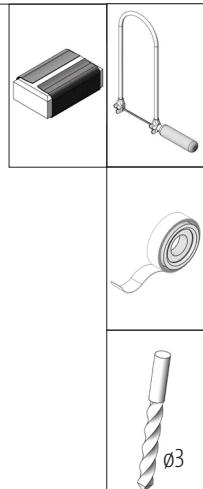
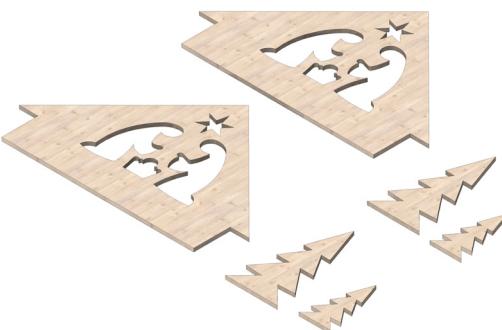
Done!  
The deco light can be coloured as desired.

## Instructions 121.869

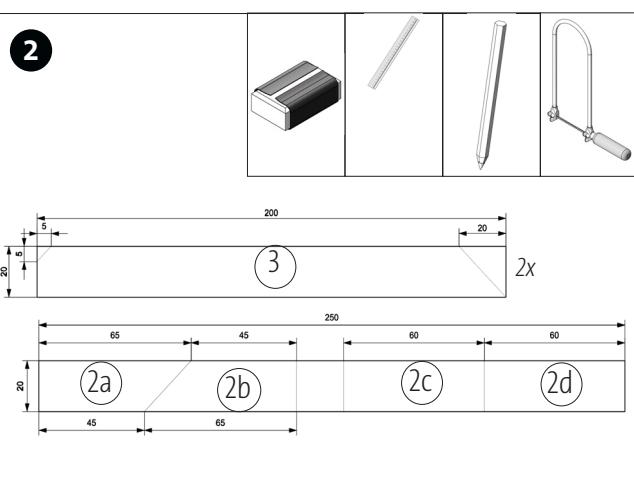
### Deco Light

#### Construction Christmas Crib

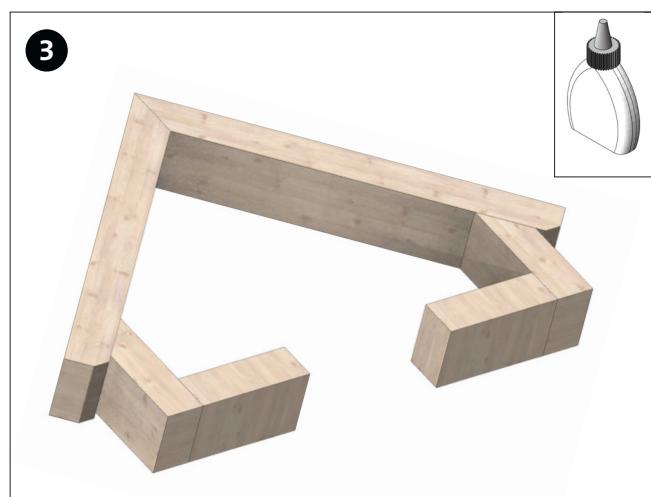
**1** **Please Note:** The plywood cuts have an A and B side.  
The A-side should face inwards!



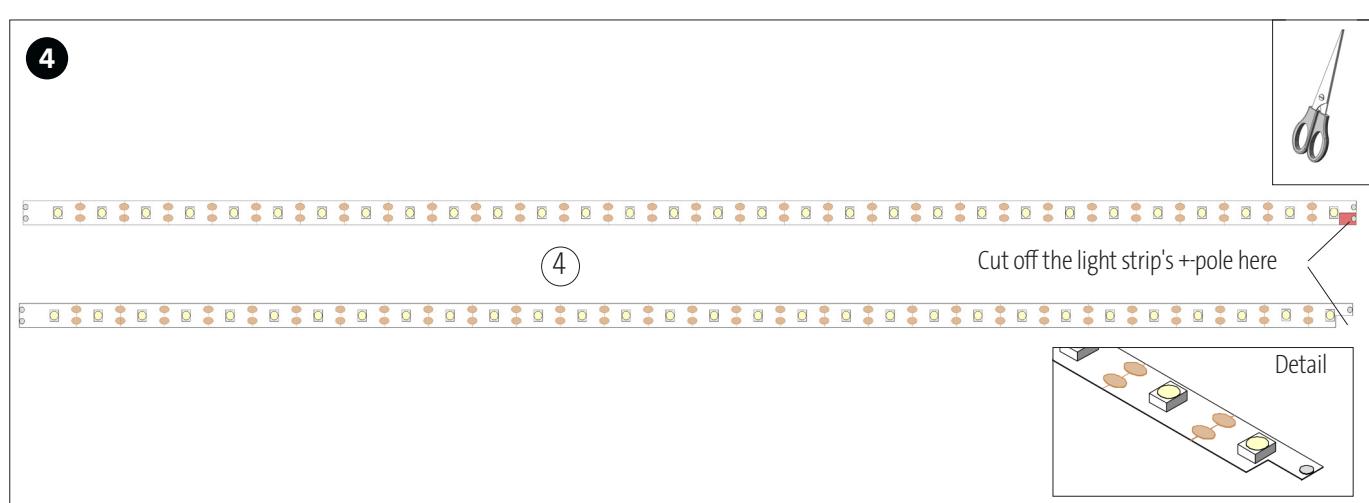
Select and cut out the crib motif (template page 16). Place the two plywood panels (1) on top of each other and fix them. Fix your selected template with adhesive tape on top of the panels. To cut drill a hole of approx.  $\varnothing 2$  within the sawing line for the fretsaw blade and then saw out the crib motif. Also saw out the fir trees. Then clean the saw cuts.



Cut the frame strips (2+3) to length as shown in the illustration. Clean the saw cuts.



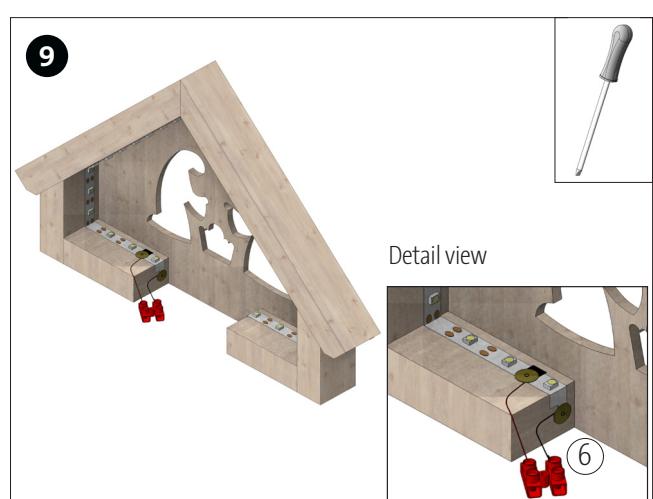
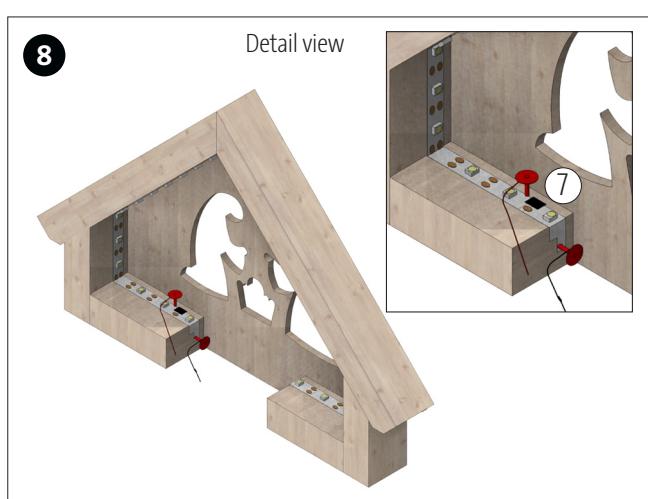
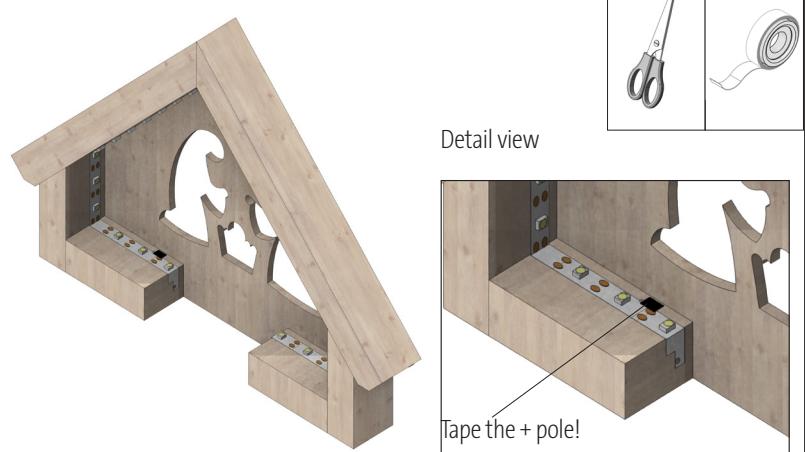
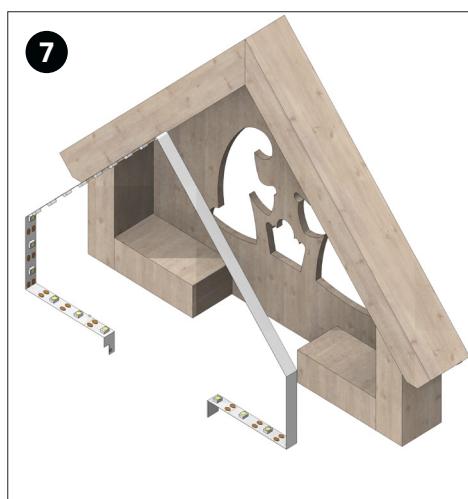
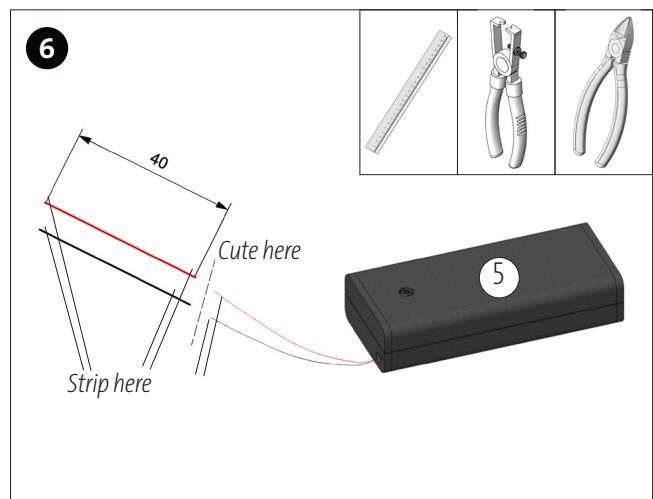
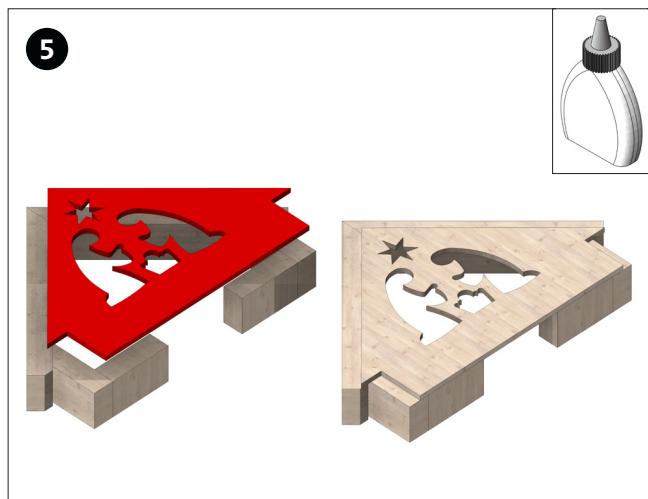
Glue the strips (2a-d) and (3) together to form a frame, as shown. Let the glue dry well.



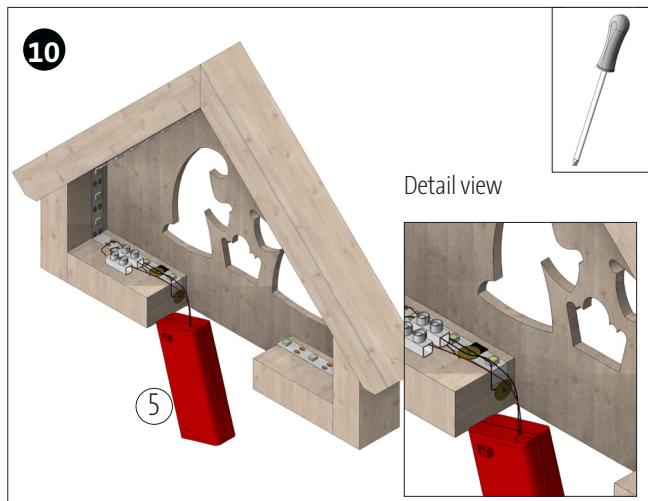
Cut off the positive pole of the LED light strip (4) as shown above. The negative pole remains to connect the power source.

## Instructions 121.869

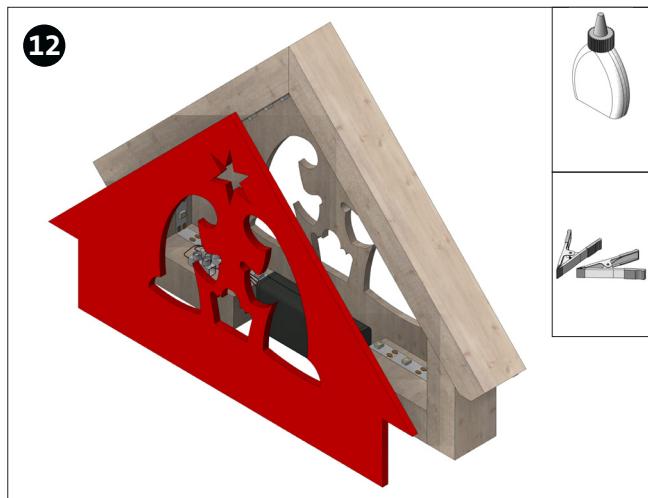
### Deco Light



Instructions 121.869  
Deco Light



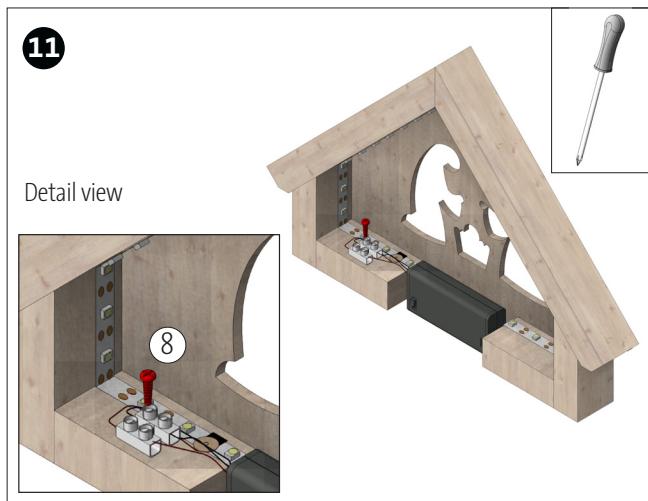
Now connect the cables of the battery holder (5) to the luster terminal strip.



Glue the cover plate congruently. Fix it with clamps and let the glue dry well.



Round the roof strips all around, as shown.

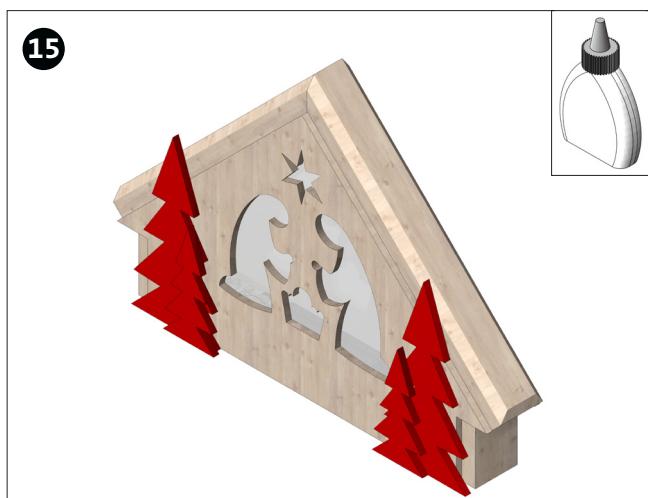


Screw the luster terminal strip onto the wooden frame with the screw (8), as shown.

**Note:** Insert batteries and check function!



Optionally, for a particular effect, you can glue a transparent paper (e.g. Nr. 401274) into the inside part.



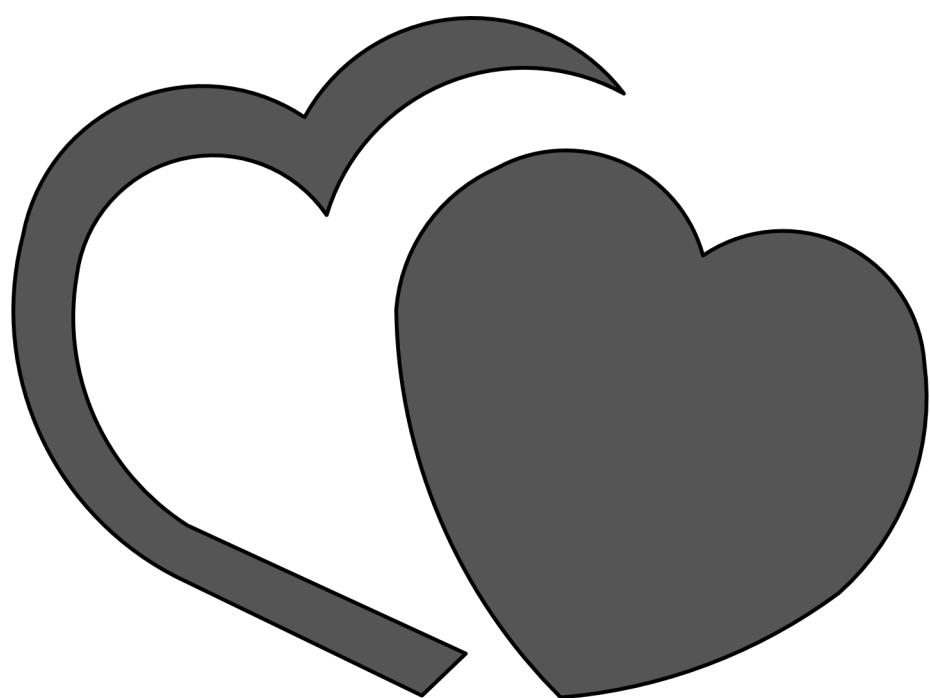
Glue the trees to the front panel.



Done!

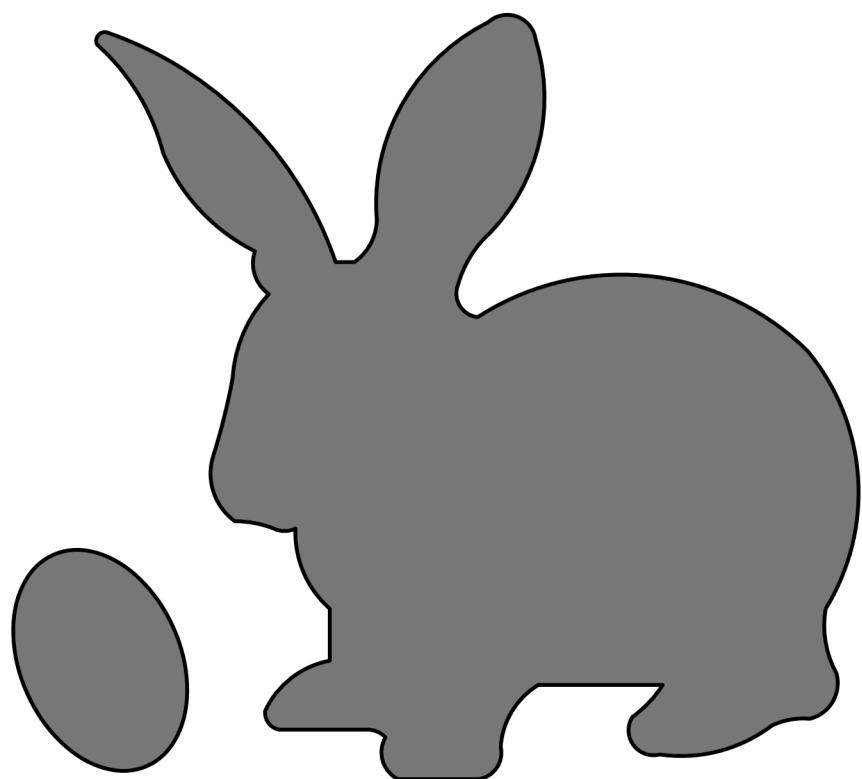
Instructions 121.869  
Deco Light

Template Heart  
Scale 1:1



Instructions 121.869  
Deco Light

Template Bunny  
Scale 1:1



Instructions 121.869  
Deco Light

Template Pumpkin  
Scale 1:1



Instructions 121.869

Deco Light

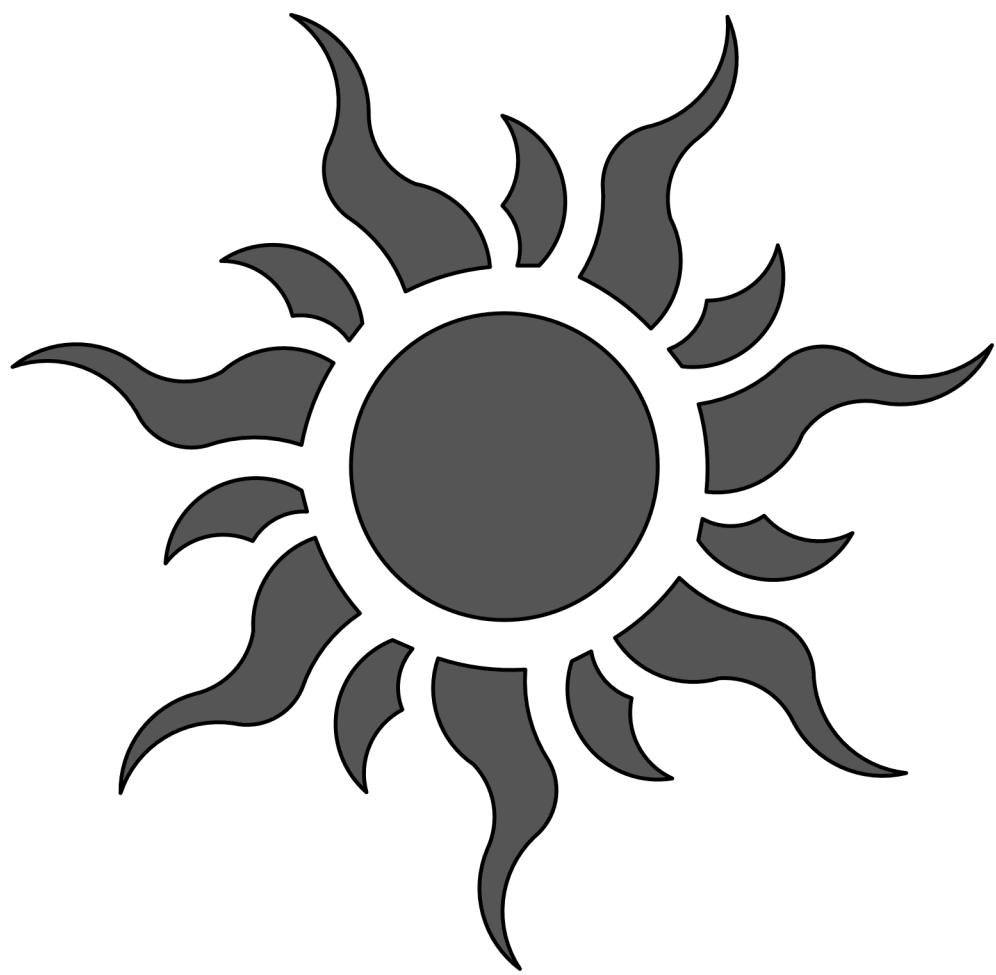
Template Moon & Stars

Scale 1:1



Instructions 121.869  
Deco Light

Template Sun  
Scale 1:1



Instructions 121.869

Deco Light

Template Christmas Tree

Scale 1:1



Instructions 121.869  
Deco Light

Template 2021  
Scale 1:1



2021