

Lichtlauf

## product description

Design Christoph Matthias, Gerd Pfarrè 2013

Twelve pentagons create a dodecahedron. Manufactured from light polycarbonate, the dodecahedron becomes a lamp. The illuminant fills the room with a mild, constant light – no matter, if it is a single lamp or a group. It can be set everywhere, independent from the power outlet position: its V-shaped attachment makes it possible – and emphasizes its character of dance and floating.

Light source: per light 1 x max. 70W, E27

Available in three sizes:

S: approx. Ø 37cm, M: approx. Ø 44cm, and L: approx. Ø 55cm

## enclosed

1 dodecahedron

1 lamp housing

1 canopy

2 ceiling mount

cable 2 x 1,5 m per light

1 x 9 m per Casino group

1 terminal

2 cable ties

heat shrinking tube sections

ferrules

## technical data

230V ~ 50Hz

1x max. 70W, E27



Type:

indoor light IP20

suitable illuminants energy class: E - A++  
are available

## safety note

Follow always the hints of this instruction for a safe assembly and use of these lights. Keep the assembly instruction for further questions.

The assembly and the electric supply must be done by an electric professional. Local installation regulations have to be respected.

The manufacturer accepts no liability for any damage due to improper use of the luminaire.

**Attention! Before working on the luminaire disconnect it from the mains. Also for cleaning, maintenance and lamp change.**

Luminaires are only allowed to be used for the specified purpose. Interior lights may not be used in outside area. Luminaires may not be covered. They may not be connected to power supply still they are packaged. Lights with electronic control gears (ECG) have to be operated with original ECGs.

The lamp change must be done by a competent professional.

Use only lamps with same type of construction, performance and voltage.

In case of damages, in particular of cable and socket, the luminaire have to be shut off immediately. In case of damage on the mains cable it has to be changed by the Lichtlauf GmbH.

For malfunction call authorized personnel for troubleshooting. Never repair it by yourself.

Through improper repair work may arise risk for the user.

Elements of plug and connection shall be free from traction and torque.

## care instructions

Disconnect the device from the power supply grid before cleaning.

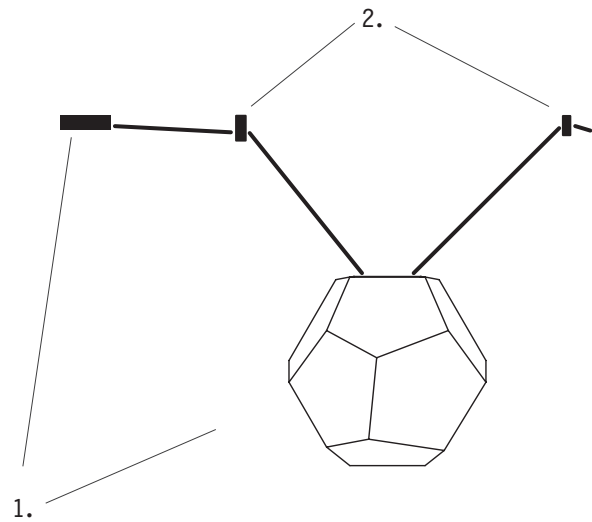
The care of the lamp is limited to the surfaces. Make sure no liquid reach the connection area or electrical components.

**Important:**  
**Please don't use spiritus or alcohol containing products.**  
**As well as no abrasives or abrasive containing detergents.**

Use a damp cloth to clean the lamp.

For heavy soiling we recommend a plastic cleaner.

## Mounting a single light

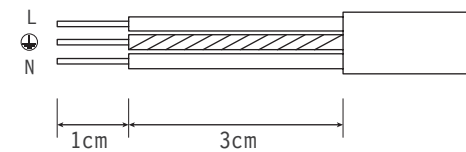
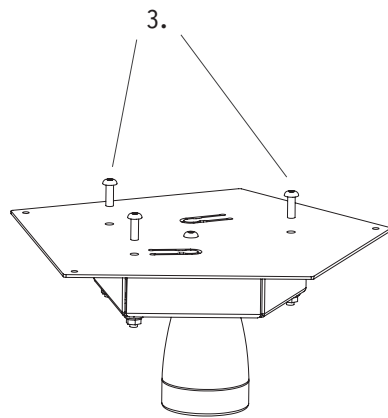


**Important:**  
Before starting to install and connect the lamp switch off or remove fuse for the ceiling or wall outlet. Switch of or remove the fuse in the ceiling or wall outlet.

Define a point in the vicinity of a current outlet at which the luminaire is to hang later.

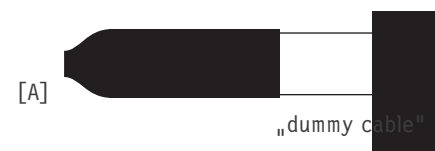
The position of the lamp will always be on the line between the two ceiling brackets. The height of the luminaire is defined by the length of the cable sections. Fasten the ceiling brackets with dowels suitable for your ceiling.

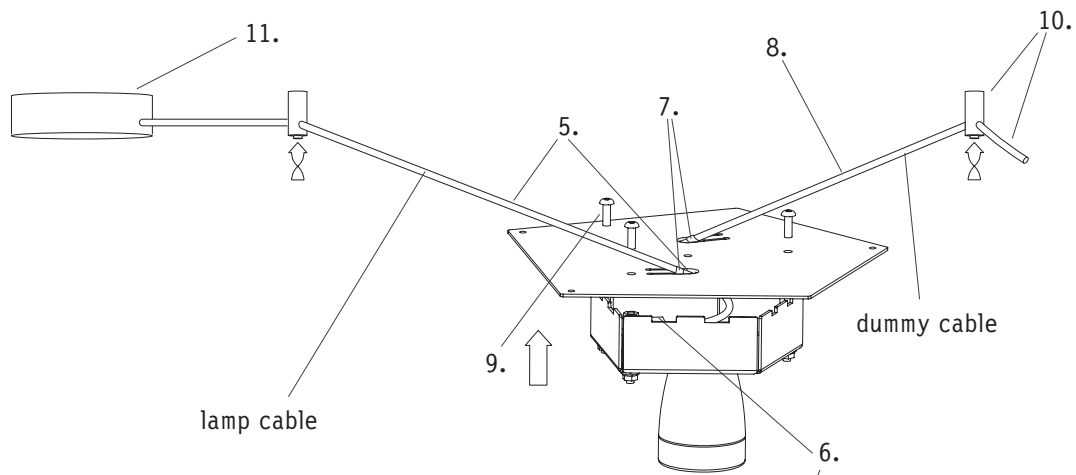
Open the luminaire housing, unscrew the screws and put them aside.



4. Assemble the ends of the ends of the light cable according to the figure [A].

Note that the second cable is not assembled. This "dummy cable" serves as a suspension. Use one piece of shrink tubing each to cover the ends of the cable. [B]





5. Pass one end of the lamp cable through one of the holes in the lamp cover.

6. connect the cable to the terminal in the luminaire housing as marked.

Conductor L = brown  
 Neutral conductor N = blue  
 Protective conductor PE = green/yellow

7. fix the cable with a cable tie firmly to the strap, strain-relieved.

8. pass the dummy cable through the remaining hole in the lamp cover and fix it with a cable tie.

Make sure that the dummy cable does not come into contact with live parts. See also dummy cable assembly [B].

Take the three screws and close the lamp housing. Make sure that no cables are jammed.

Pass the second end of the lamp cable through the ceiling bracket at the power outlet and fix it by screwing in the grub screw in the ceiling bracket.

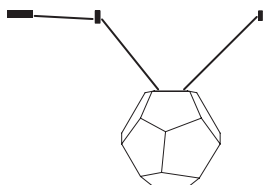
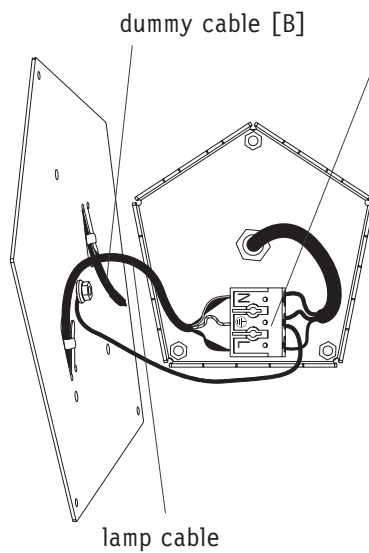
Make sure that there is enough cable up to the power outlet.

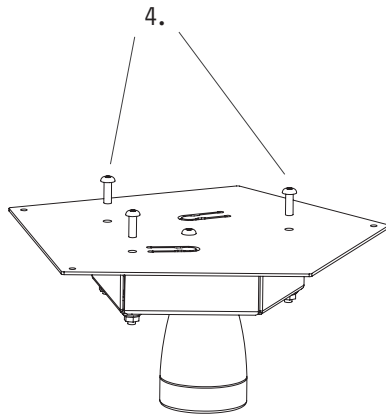
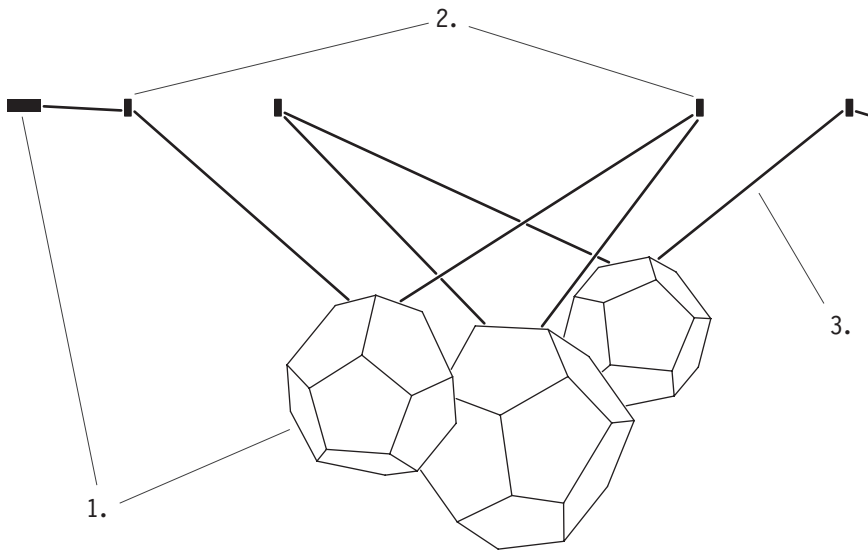
Do not yet connect the lamp to the power outlet.

Now take the other end of the dummy cable and insert the end through the second ceiling bracket.

Pull it out until the desired lamp position is reached, then fix the cable by screwing the grub into the ceiling bracket. Shorten the cable with a projection of approx. 5 cm.

Mount the canopy and connect the lamp. See "Mounting and connecting the canopy".

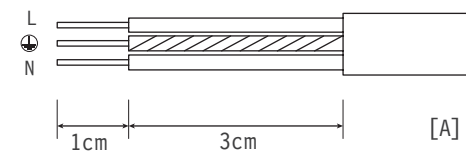




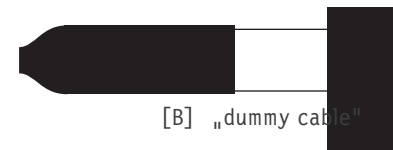
**Important:**  
Before starting to install and connect the lamp switch off or remove fuse for the ceiling or wall outlet. Switch of or remove the fuse in the ceiling or wall outlet.

## Mounting a group

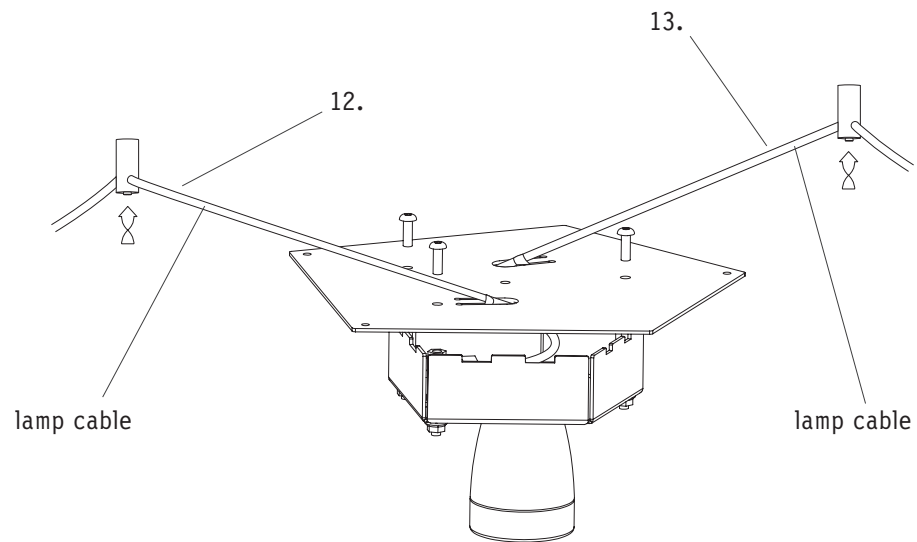
1. Define a point in the vicinity of a current outlet at which the luminaire or luminaires are to hang later. You can also place the luminaires on the floor at the respective positions.
2. The position of the lights will later always be on the line between the corresponding ceiling brackets. In the case of a luminaire, this is suspended between the power outlet and the ceiling bracket. The height of the luminaire is defined by the length of the cable sections.
3. For each additional luminaire, set an additional ceiling bracket.
4. Once you have installed the ceiling brackets, you can thread the entire cable through the ceiling brackets and then cut the cable to length according to the height and longitudinal position of the individual luminaires. Make sure that individual luminaires do not touch each other or the cables of other luminaires.  
The length of the cable sections determines the height and position on the line between the ceiling brackets.
5. Open the luminaire housing, unscrew the screws and put them aside.



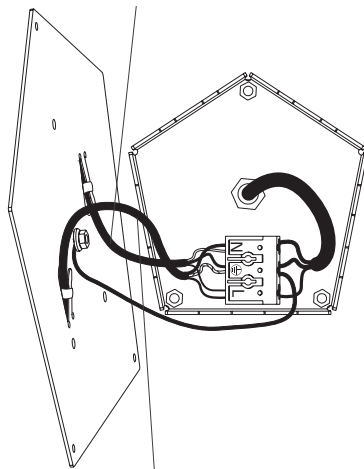
4. Assemble the ends of the ends of the light cable according to the figure [A].



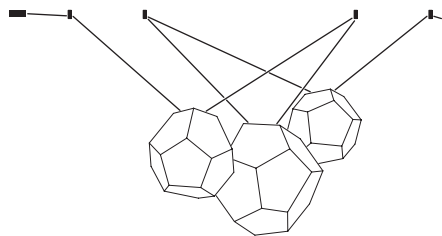
Note that the second cable is not assembled. This "dummy cable" serves as a suspension. Use one piece of shrink tubing each to cover the ends of the cable. [B]



lamp cable [C]



lamp cable



## assembly

### group of lamps

For a luminaire group, follow the same steps as for single mounting. Instead of a dummy cable, connect another pre-assembled cable for the second luminaire to the terminal on the first luminaire. [A]

After you have attached the cable of the first lamp including canopy to the ceiling outlet, insert the other cable through the ceiling bracket and tighten it until the desired lamp position is reached, fix the cable by screwing in the grub screw.

Take this cable and connect it to the next luminaire. Proceed as described above.

13. Connect another cable, which you then plug back through the ceiling bracket.

Repeat this procedure for each additional luminaire.

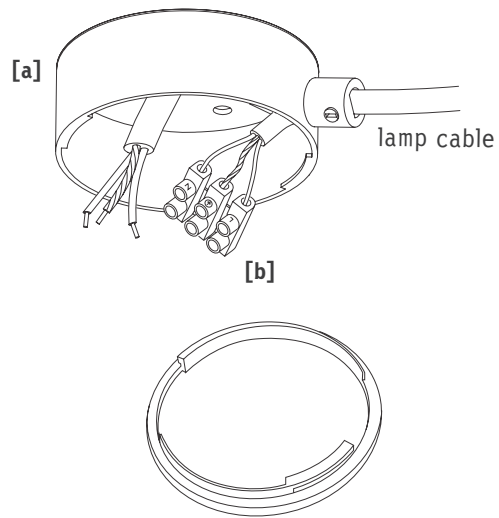
#### ATTENTION:

For the last luminaire, leave one piece of cable unconnected ("blind cable").

Take the "dummy cable" and insert the end through the ceiling bracket.

Pull it out until the desired lamp position is reached, then fix the cable by screwing in the grub screw on the ceiling bracket. Shorten the cable with a projection of approx. 5 cm.

## mounting the canopy



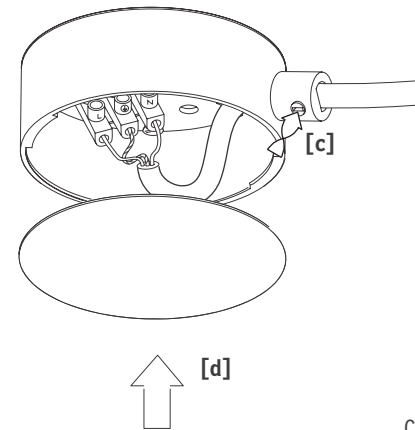
Attach the box of the canopy on your ceiling outlet or your flush-mounted box. [a]

Be sure that the canopy cover is thread the right way up on the cable.

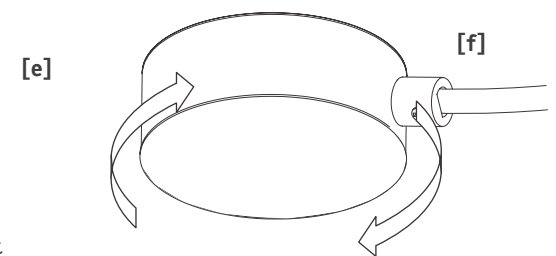
Use the terminal to connect the electrical conductors with the matching conductors of the lamp cable. [b]

Conductor L = brown  
Neutral conductor N = blue  
Protective conductor PE = green/yellow  
[b].

Stow the cables and the connection carefully in the canopy.



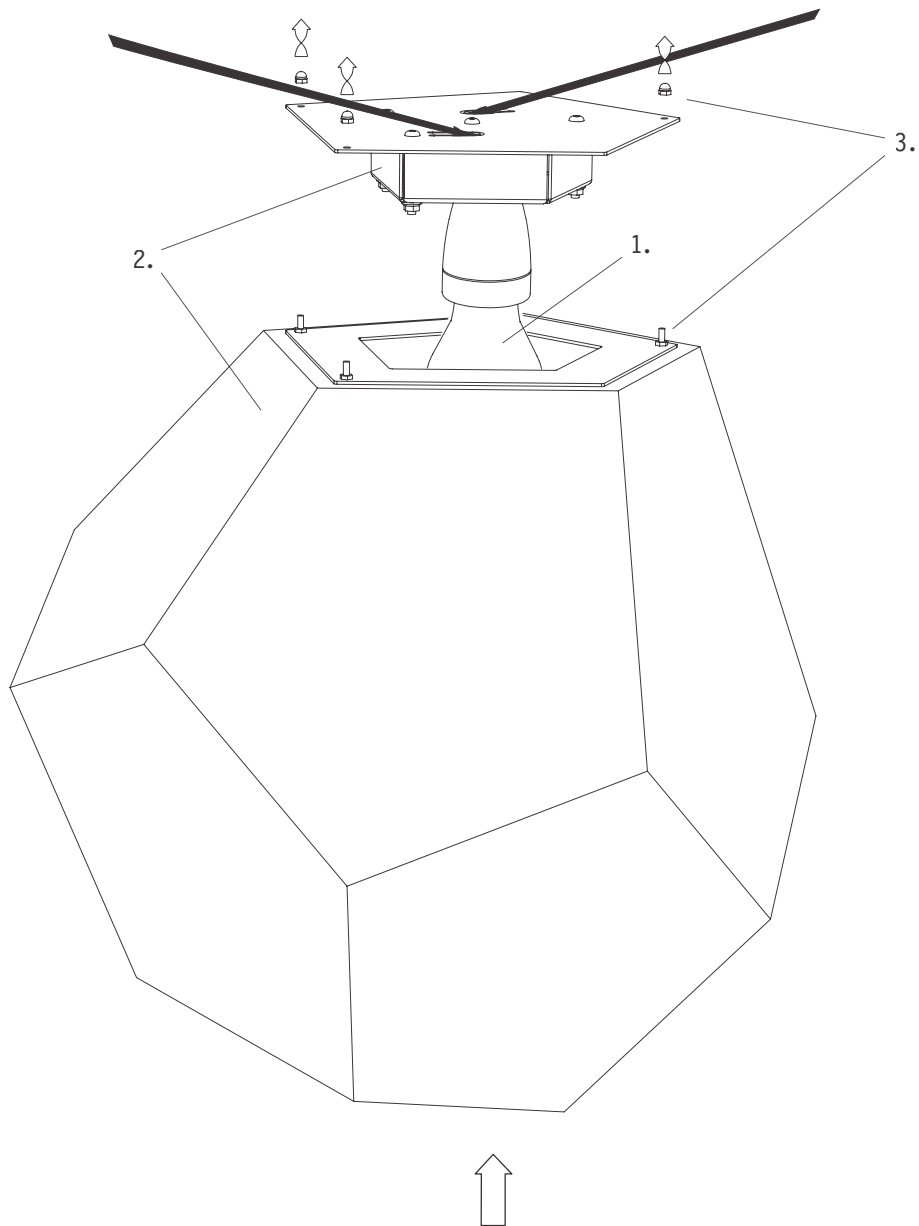
Close the set, screw at the strain relief. [c]  
Lead up the canopy cover. [d]



Turn the canopy cover clockwise until it snaps. [e]  
Then fix the cable to the strain relief by screwing in the plastic grub. [f]

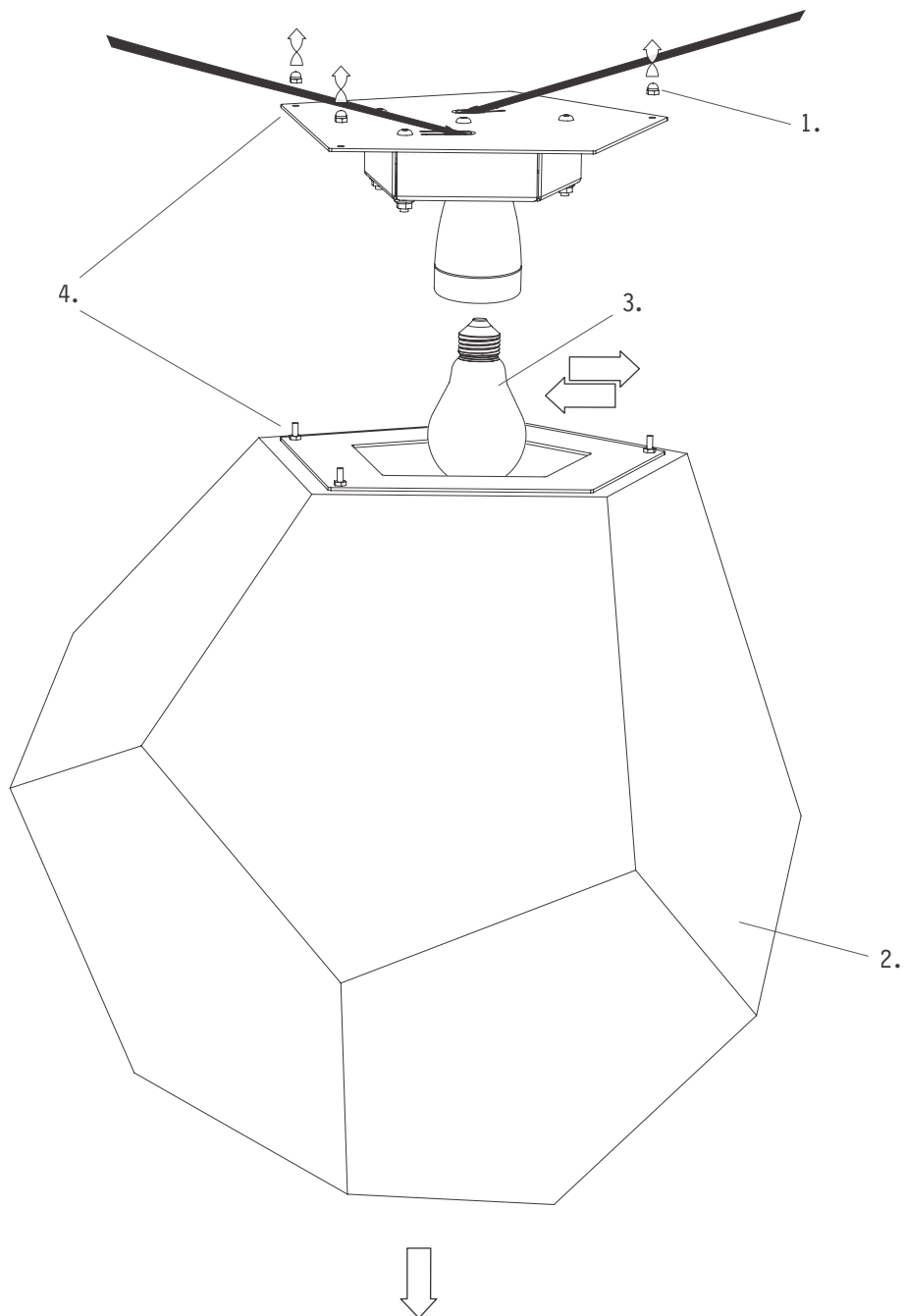


## illuminant & lamp shade



1. Screw a fitting illuminant in the socket.
2. Take the lamp shade and move it over the enclosure.  
Please note to orient the opening suitable to the enclosure.
3. Fix the lamp shade by screwing the enclosed screw-nuts on the protruding threads.

## replacement of illuminants



1. Hold the lamp shade and open the three screw-nuts at the cover
2. Pull down the lamp shade carefully.
3. Replace the defective illuminant with a new one according to the information on the type plate.
4. Reattach the lamp shade securely with the screw-nuts.

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