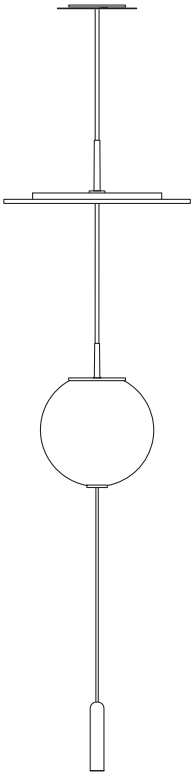
NYTA



May

With recessed canopy

Assembly instructions
and manual

www.nyta.eu

Getting started

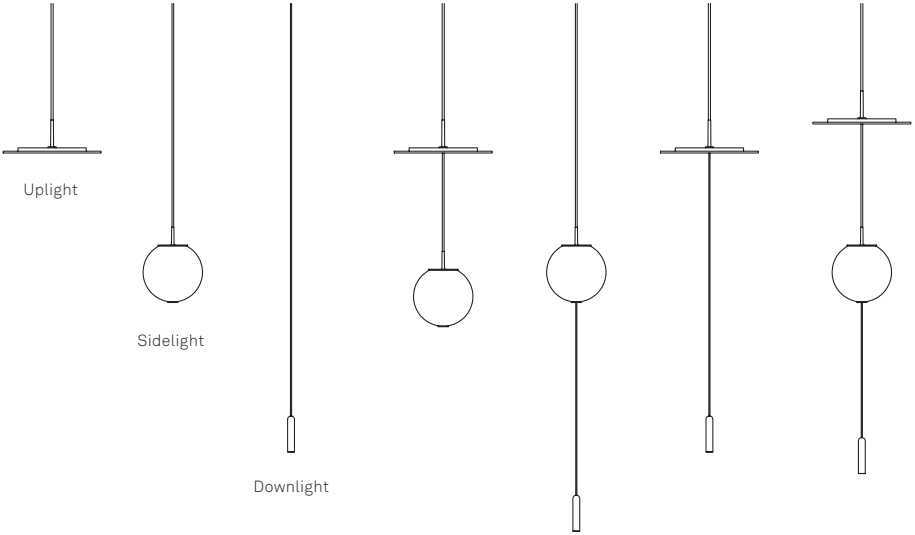
The luminaire must be assembled and installed by a qualified expert.

Make sure the electrical power supply is switched off throughout the whole installation process, otherwise you can damage the luminaire and put yourself at risk!

The luminaire consists of three individual lights – Uplight, Sidelight and Downlight – that can be installed in different configurations, as shown below.

The cable length of each light can be defined individually during the installation process.

Please consider this manual as a modular installation guide and select the necessary steps according to the configuration of your luminaire.



1. Installation of the canopy and connection of Uplight, Sidelight or Downlight

You will find the enclosed LED drivers labelled „Uplight“, „Sidelight“ or „Downlight“, corresponding to the lights used, one per light.

The ceiling hole for the installation should have a diameter of about 68 mm.

In case you want to place the drivers in the ceiling directly above the canopy, you need to position and wire the drivers before installing the canopy. For this version, you will find a suitable cable (6 cores, colours corresponding to the lights) in 50 cm length enclosed.

1.1 Connect the mains cable (first make sure that power ist turned off) to the input side (L and N) of the LED drivers. In case you use Dali, also connect the driver to the corresponding Dali cores. Make sure the driver is located safely in a dry, ventilated space to avoid overheating of the driver.

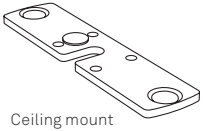
1.2 Connect the six-cored cable enclosed to the output of the drivers according to the colour codes as follows:

Uplight	+ : pink	- : grey
Sidelight	+ : yellow	- : green
Downlight	+ : brown	- : white

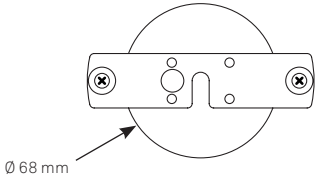
Now place the wired drivers inside the ceiling, making sure to keep the open end of the cable outside the installation hole.

In case you want to locate the drivers remotely, make sure to use an cable with 2, 4 or 6 cores depending on whether you install 1, 2 or 3 lights (two cores per light).
Use a cable with cores with a cross section of 1,0 mm^2 or higher. Mark the cores of your cable to make sure you can connect correspondingly to the coloured cores of the lights as above later.

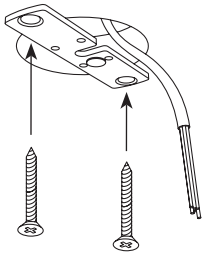
1.3 Use the ceiling mount to mark the position of the drilling holes. The ceiling mount should be centered over the hole.



Ceiling mount



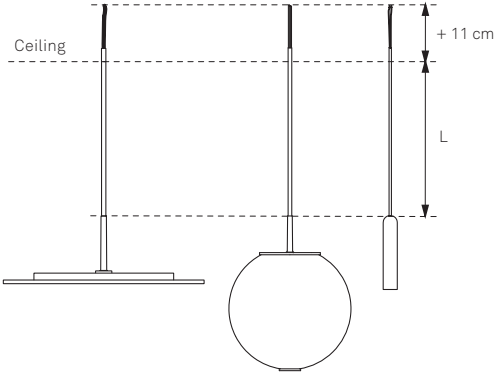
1.4 Screw the ceiling mount to the ceiling. Make sure the countersunk side of the holes face towards you.
Use screws and anchors of a length and width appropriate for the type of ceiling your installing the luminaire to. The heads of the screws must not protrude beyond the surface of the ceiling mount in order to not interfere with the canopy cover plate later.



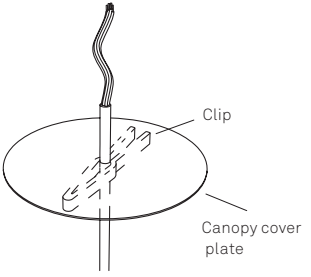
1.5 Specify the height of the luminaire, add 11 cm to the resulting cable lenght („L“) and cut the cable. Dismantle 8 cm from the end of the cable. Measure the cable length as shown below.

The blue core is not required for the Uplight and can be cut off.

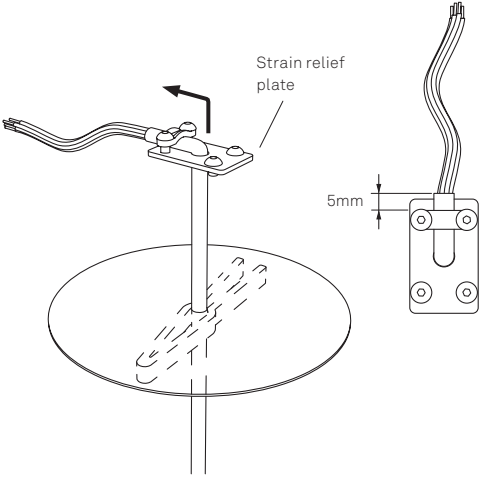
! Note different cable lengths for Sidelight and Downlight when attaching Sidelight or Downlight to Uplight (see point 2.1) or when attaching Downlight to Sidelight (see point 3.1) !



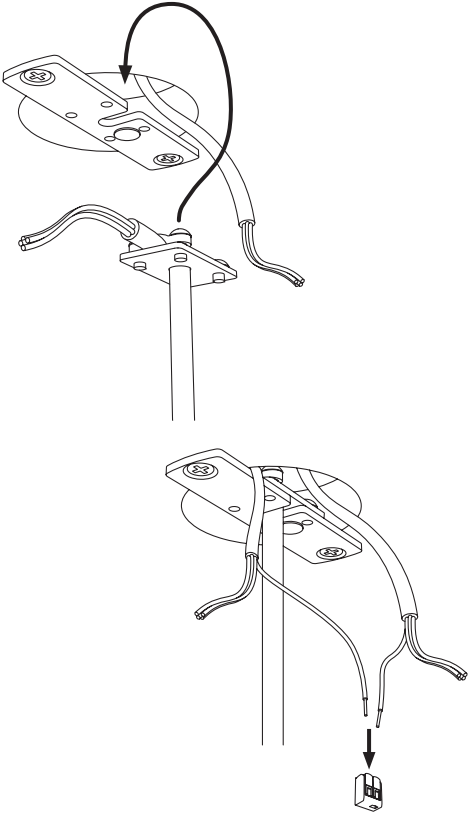
1.6 Feed the luminaire cable through the black canopy cover plate. Use the provided clip to secure the canopy cover plate on the cable, allowing for space for the installation.



1.7 Feed the luminaire cable through the strain relief plate and fix it tightly with the strain relief. Make sure there is a minimum of 5 mm from the end of the cable sheathing to the strain relief.

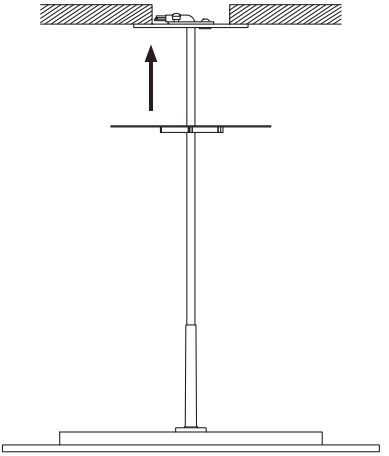


1.8 Place the strain relief plate onto the ceiling mount from above. Please make sure the plate sits evenly in place with the screws positioned in the corresponding holes of the ceiling mount.



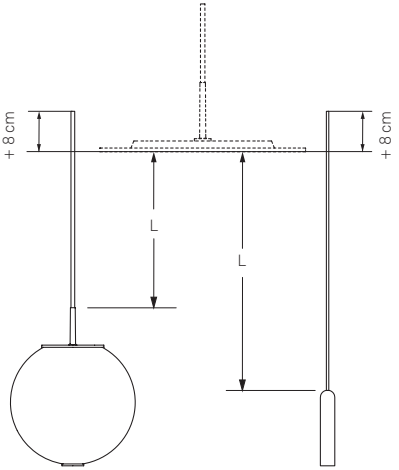
1.9 Connect the drivers' output cores to the luminaire's cores with the enclosed connectors, make sure to connect the corresponding colours. Position all the connected cores above the ceiling mount within the ceiling.

1.10 Carefully lift the cover plate up the cable until it attaches to the magnet on the ceiling mount. Remove the clip from the cable.

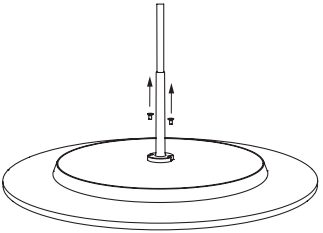


2. Attaching Sidelight or Downlight to Uplight

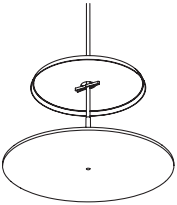
2.1 Specify your desired luminaire height, add 8 cm to the resulting cable length („L“) and cut the cable. Dismantle 4,5 cm from the end of the cable. Then dismantle 7 mm from the individual cores.
! Note different total cable length for Downlight when attaching to Sidelight – see point 3.1 !



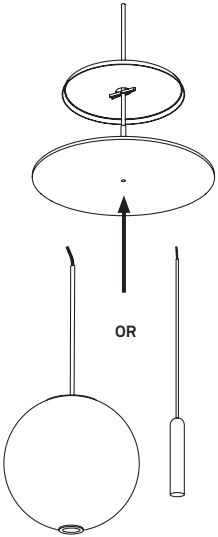
2.2 Unscrew the two screws (2 mm Hex key) that fix the transparent cover plate of the up light.

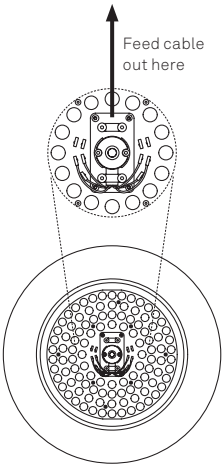


2.3 Use the provided clip to attach the transparent cover plate to the cable, allowing enough space for you to work freely on the circuit board.

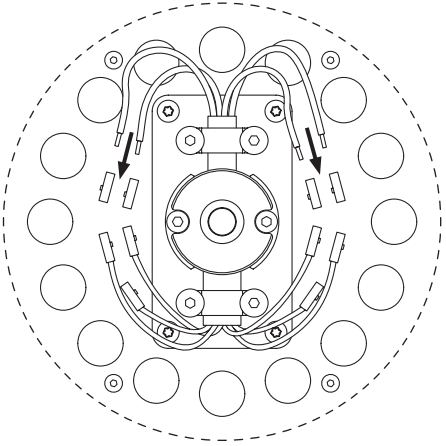


2.4 Feed the cable of the light you want to attach (Sidelight or Downlight) from below through the center hole in the Uplight, directed towards the unoccupied strain relief.





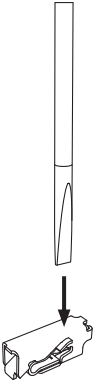
2.5 Unscrew the unoccupied strain relief on the circuit board and position the cable as shown below. Make sure that there is a minimum of 5 mm from the end of the cable sheathing to the strain relief and that the individual cores lay in a way allowing you to connect them easily to the corresponding clamps. Tighten the strain relief securely.



2.6 To connect the cables to the circuit board dismantle the cores at 8 mm length and make sure that the stranded copper ends are twisted well. Pay attention to the labelling of the clamps on the circuit board and the following colour codes:

Sidelight: + : Yellow - : Green
Downlight: + : Brown - : White

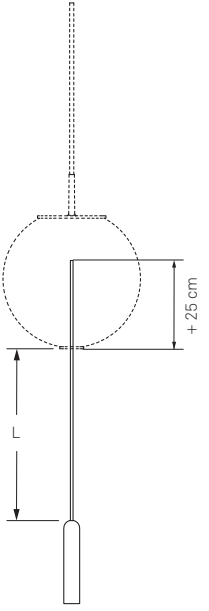
To connect the stranded copper ends in the clamps, carefully push down the little squared plate on the side of the clamps with a screwdriver – as shown in the picture below. This will open a spring inside the clamp.
Pay close attention that there are no single strands standing out. Pull slightly at the cores to make sure that they are held securely within the clamp.



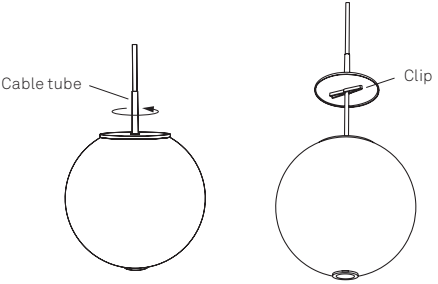
2.7 Detach the clip, carefully lower the cover plate back onto the Uplight and attach the two screws again.

3. Attaching Downlight to Sidelight

3.1 Specify your desired luminaire height, add 25 cm to the resulting cable length („L“) and cut the cable. Dismantle 5 cm from the end of the cable. Then dismantle 8 mm from the individual cores.

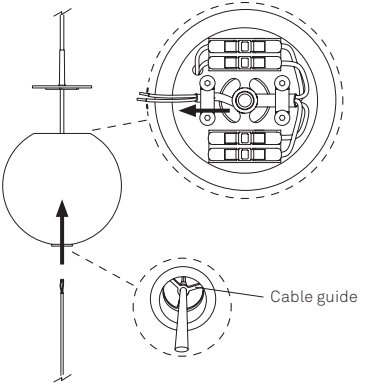


3.2 Carefully unscrew the cable tube and gently lift the tube and the cover plate and fix it to the cable with the provided clip, so you can work freely below.



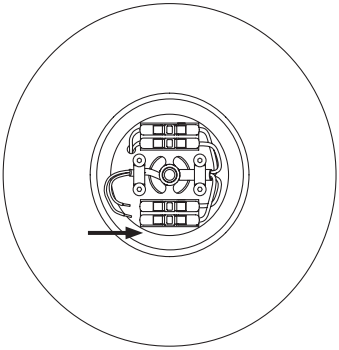
3.3 Feed the cable of the Downlight through the Sidelight from below, make sure the cable is routed through the cable guide and the opening on the top of the Sidelight leading to the unoccupied strain relief as seen below.

3.4 Unscrew the unoccupied strain relief and feed the cable trough.

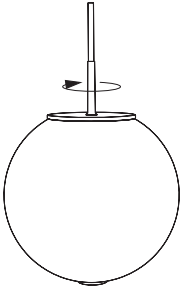


3.5 Position the cable under the strain relief. Make sure that there is a minimum of 5 mm from the end of the cable sheathing to the strain relief and that the individual cores lay in a way allowing you to connect them easily to the corresponding clamps. Tighten the strain relief.

3.6 To connect the cable make sure the stranded copper ends are twisted well. Connect the cores to the clamps corresponding to their colour.



3.7 Detach the clip and carefully lower and screw the cable tube and cover plate back in place.



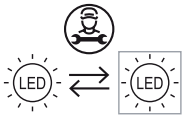
4. Lighting control

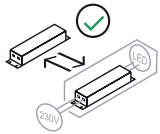
Each light - Uplight, Sidelight and Downlight - can be controlled independently of each other. Depending on the version you have, dimming and switching is controlled via Casambi or Dali.

Please refer to installation guides and apps for Dali or Casambi systems.

5. Replacing the LEDs

The LEDs can be replaced by qualified experts. Please contact us for further information.







IP20
PRI: AC 220-240V 50 Hz

Nyta UG, Sophienstr. 108-110, 76135 Karlsruhe, Germany

www.nyta.eu