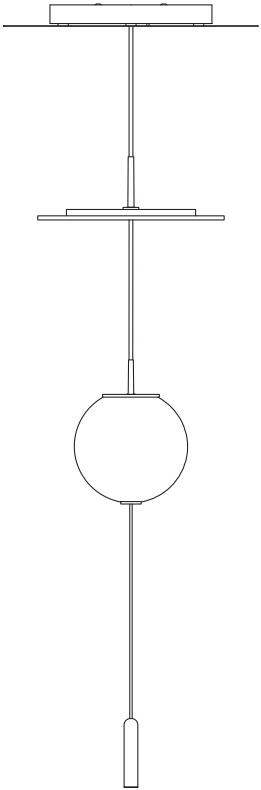
NYTA



May

With surface mounted canopy

Assembly instructions and manual

www.nyta.eu

Getting started

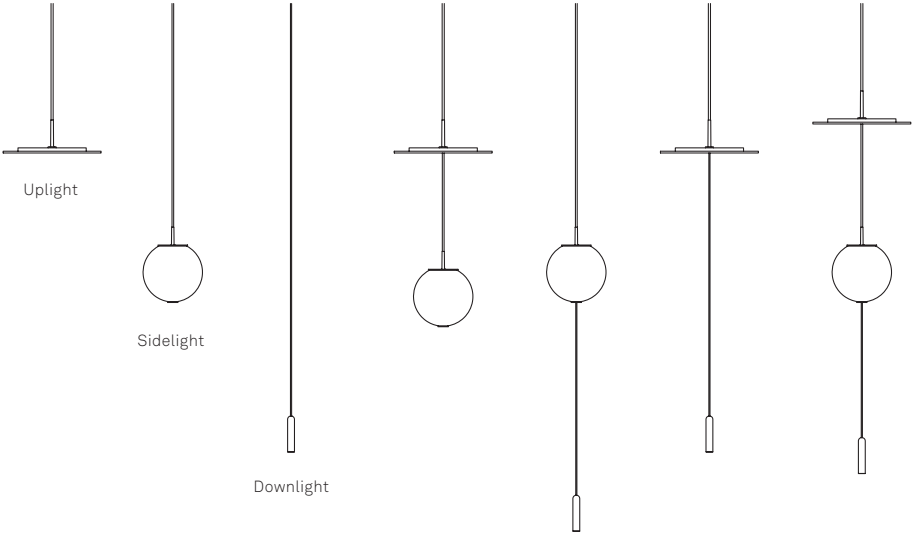
The luminaire must be assembled and installed by a qualified expert.

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.

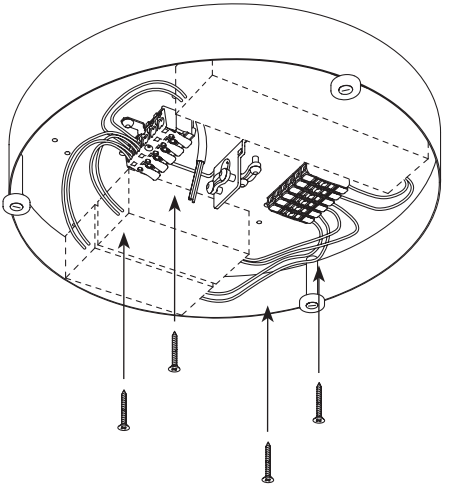


1. Installation of the canopy and connection of Uplight, Sidelight or Downlight

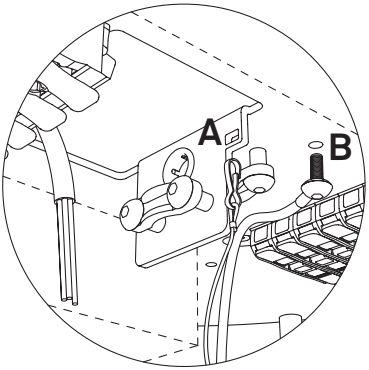
The power supply units may vary in shape, size, position and number depending on the configuration of your luminaire. The illustrations of the power supply units in this manual are therefore only examples.

1.1 Use the canopy ceiling mount to mark the position of the drill holes.

1.2 Screw the ceiling mount to the ceiling. Use suitable screws and anchors.



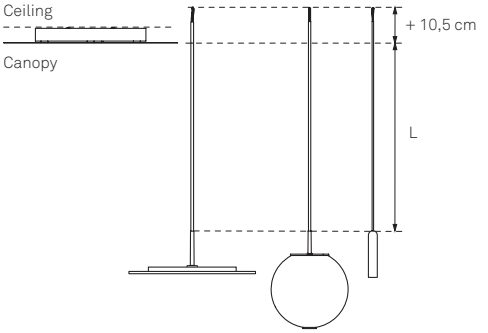
1.3 Attach the safety wire of the canopy cover to the corresponding fastening hole of the ceiling mount (A) and screw on the earthing cable (B).



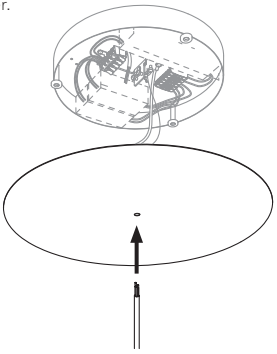
1.4 Specify the desired height of the luminaire (distance to the bottom side of the canopy), add 10.5 cm to the resulting cable length ("L") and cut the cable.
Then strip 4.5 cm of insulation from the cable sheath and then 8 mm from the individual wires.

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

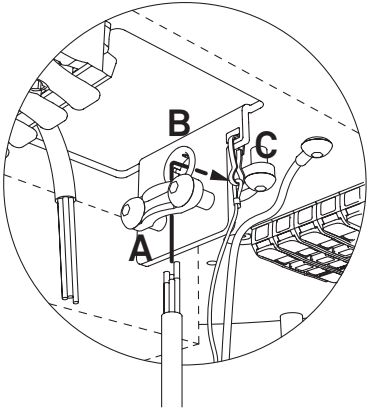
! Note different cable lengths for Sidelight and Downlight when attaching Sidelight or Downlight to Uplight (see point 2.1) or when attaching Downlight to Sidelight (see point 3.1) !



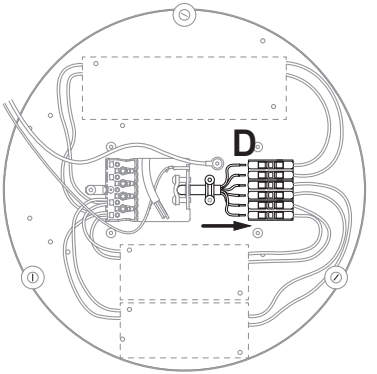
1.5 Guide the cable of the luminaire through the hole in the canopy cover.



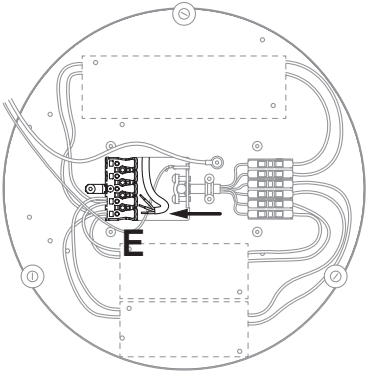
1.6 Feed the cable through the strain relief (A), then through the cable hole (B) and finally through the second strain relief (C). Make sure that the distance between the end of the cable sheath and the second strain relief is at least 5 mm. Screw the strain reliefs on tightly.



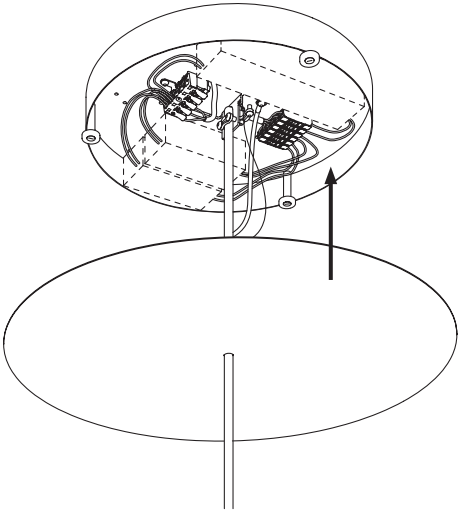
1.7 Connect the wires of the luminaire to the terminals (D) according to the colour of the wires. The number of cores varies depending on your configuration of the luminaire.



1.8 Connect the power supply cable to the mains terminal (E). If you are using Dali, also connect the Dali wires to the marked points on the terminal.

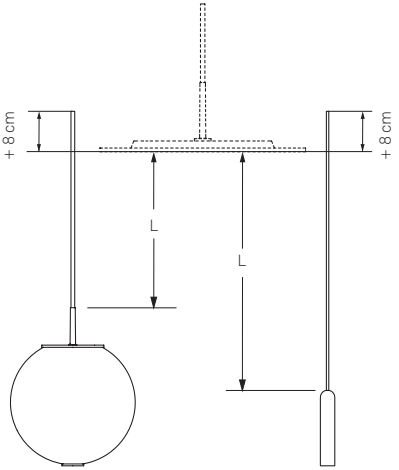


1.9 Carefully guide the canopy cover upwards along the cable until it is firmly attached to the magnets.

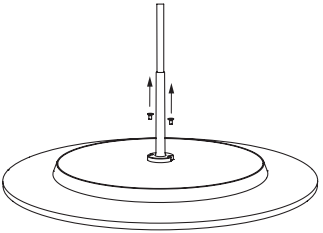


2. Attaching Sidelight or Downlight to Uplight

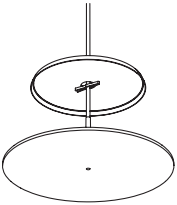
2.1 Specify your desired luminaire height, add 8 cm to the resulting cable length („L“) and cut the cable. Dismantle 4,5 cm from the end of the cable. Then dismantle 7 mm from the individual cores.
! Note different total cable length for Downlight when attaching to Sidelight – see point 3.1 !



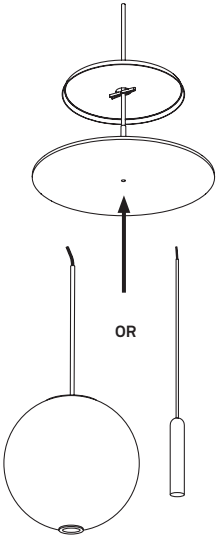
2.2 Unscrew the two screws (2 mm Hex key) that fix the transparent cover plate of the up light.

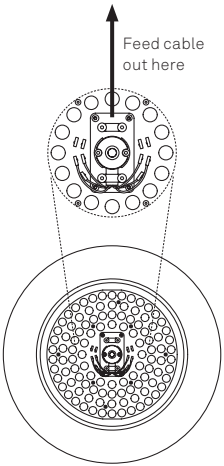


2.3 Use the provided clip to attach the transparent cover plate to the cable, allowing enough space for you to work freely on the circuit board.

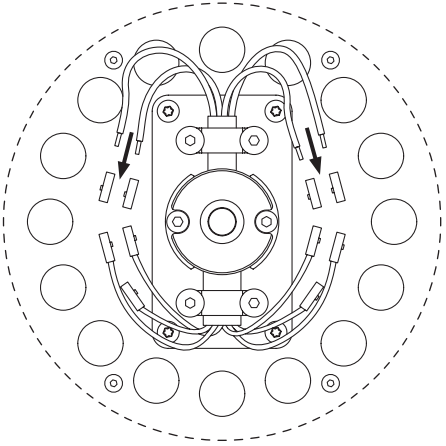


2.4 Feed the cable of the light you want to attach (Sidelight or Downlight) from below through the center hole in the Uplight, directed towards the unoccupied strain relief.





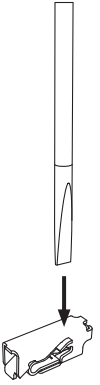
2.5 Unscrew the unoccupied strain relief on the circuit board and position the cable as shown below. Make sure that there is a minimum of 5 mm from the end of the cable sheathing to the strain relief and that the individual cores lay in a way allowing you to connect them easily to the corresponding clamps.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

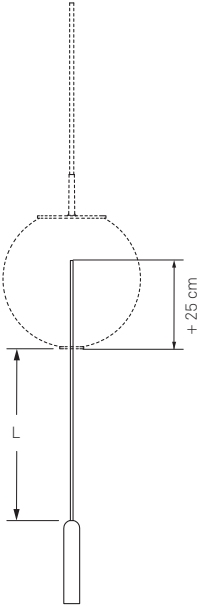
To connect the stranded copper ends in the clamps, carefully push down the little squared plate on the side of the clamps with a screwdriver – as shown in the picture below. This will open a spring inside the clamp.
Pay close attention that there are no single strands standing out. Pull slightly at the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



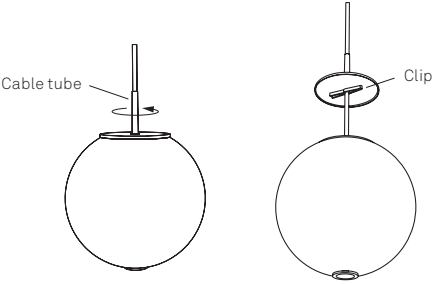
2.7 Detach the clip, carefully lower the cover plate back onto the Uplight and attach the two screws again.

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.

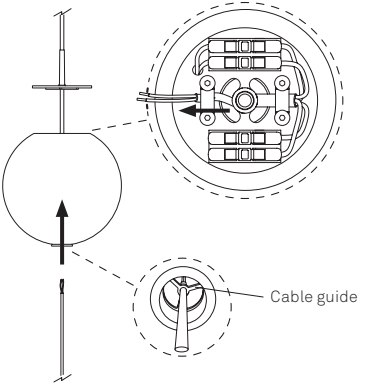


3.2 Carefully unscrew the cable tube and gently lift the tube and the cover plate and fix it to the cable with the provided clip, so you can work freely below.



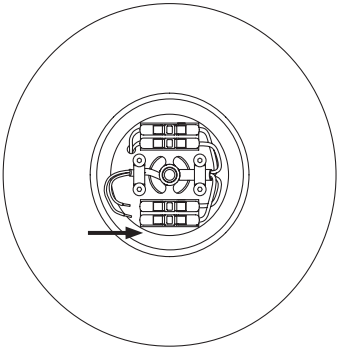
3.3 Feed the cable of the Downlight through the Sidelight from below, make sure the cable is routed through the cable guide and the opening on the top of the Sidelight leading to the unoccupied strain relief as seen below.

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

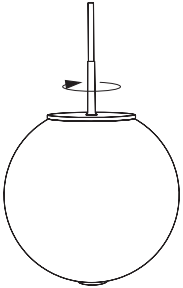


3.5 Position the cable under the strain relief. Make sure that there is a minimum of 5 mm from the end of the cable sheathing to the strain relief and that the individual cores lay in a way allowing you to connect them easily to the corresponding clamps. Tighten the strain relief.

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.



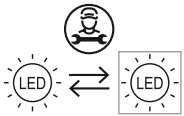
4. Lighting control

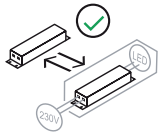
Each light - Uplight, Sidelight and Downlight - can be controlled independently of each other. Depending on the version you have, dimming and switching is controlled via Casambi or Dali.

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