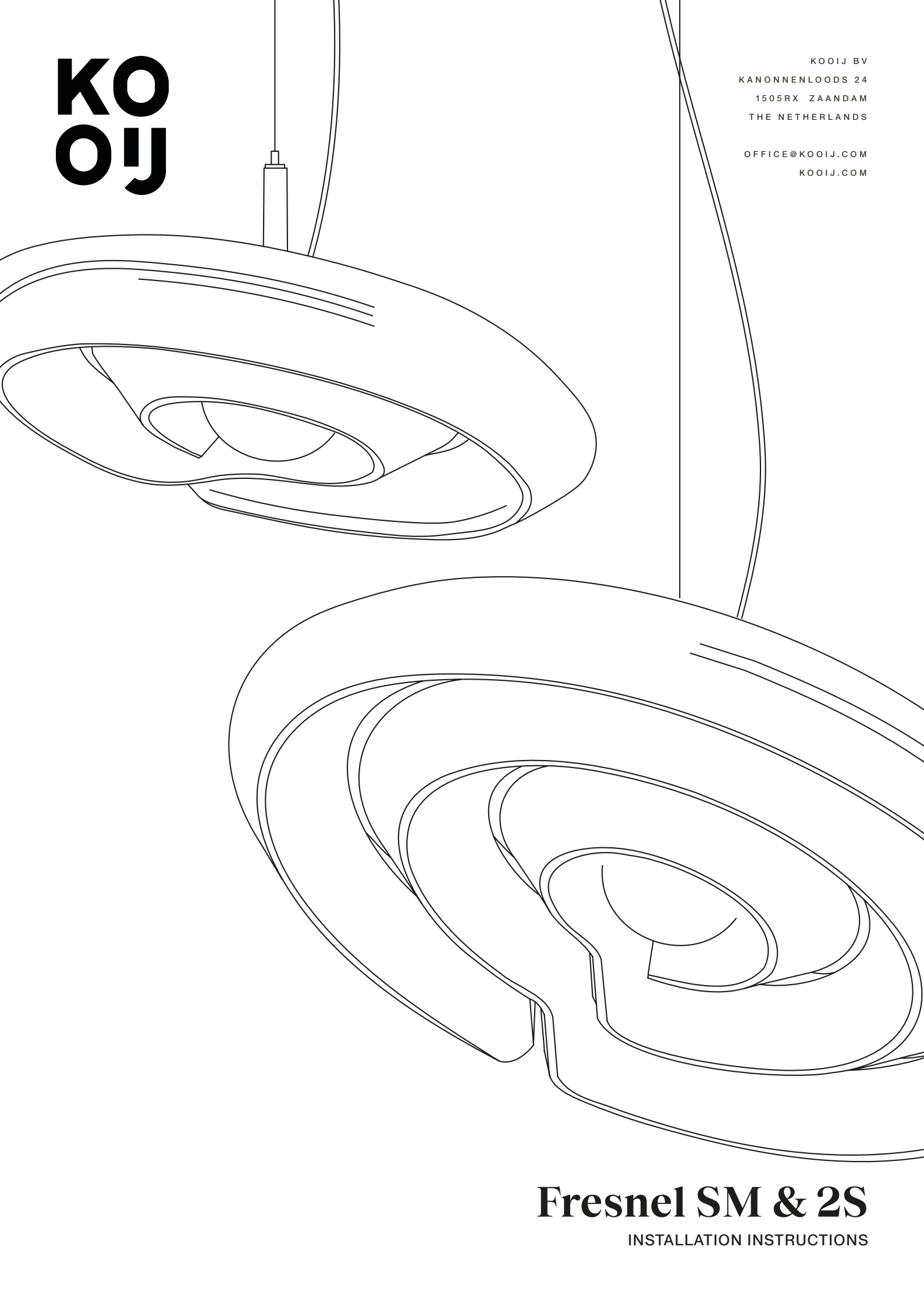


A minimalist line drawing of a Fresnel light fixture, showing the main body and a smaller component above it.

KOOIJ

KOOIJ BV
KANONNENLOODS 24
1505RX ZAANDAM
THE NETHERLANDS

OFFICE@KOOIJ.COM
KOOIJ.COM

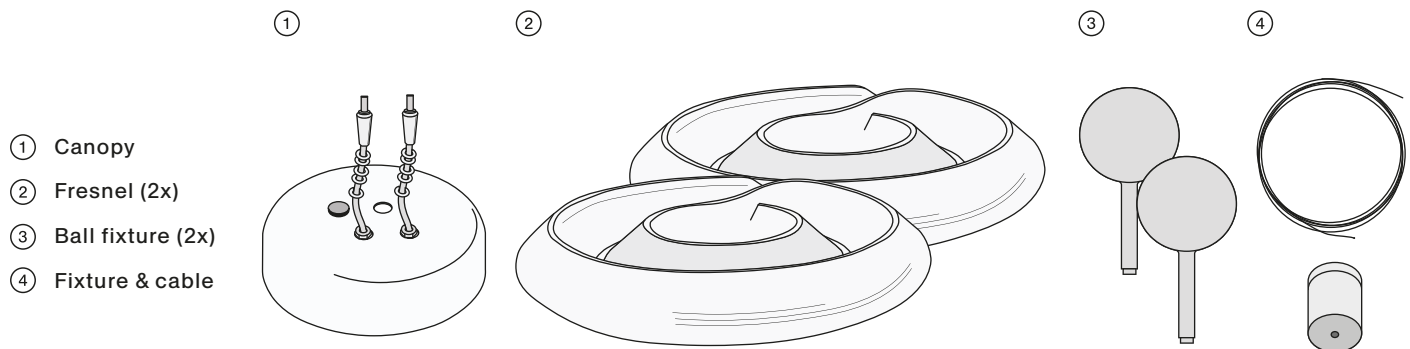
Fresnel SM & 2S

INSTALLATION INSTRUCTIONS

Fresnel SM & 2S

INSTALLATION INSTRUCTIONS

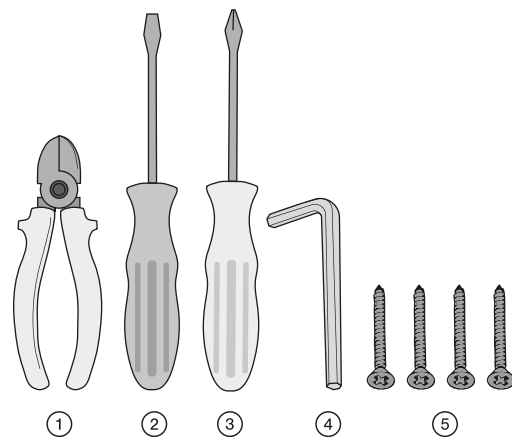
OVERVIEW



TOOLS & HARDWARE

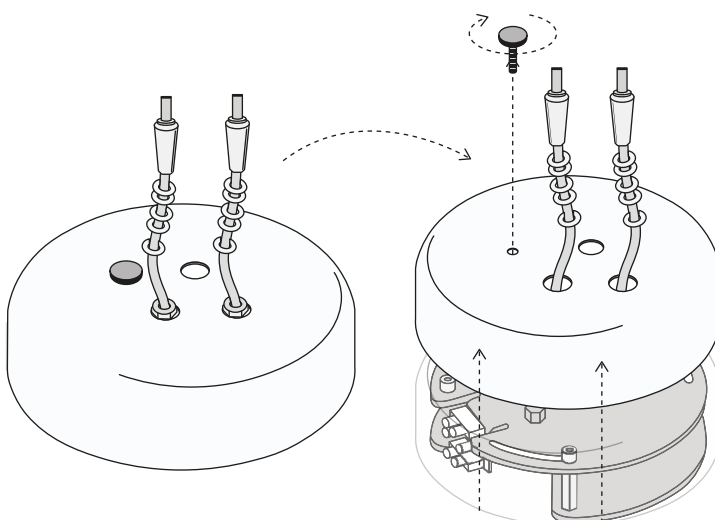
(Items below are not included)

- ① Wire cutters
- ② Flathead screwdriver
- ③ cross-head screwdriver
- ④ Hex key
- ⑤ Screws and plugs
(Suitable for ceiling type & weight)



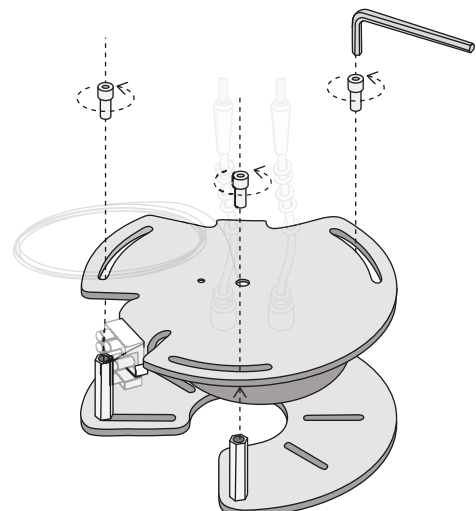
1 REMOVE THE COVER OF THE CANOPY

Remove the cover from the canopy by unscrewing the large screw on top. Then, slide the cover over the cords.



2 UNSCREW THE BOLTS

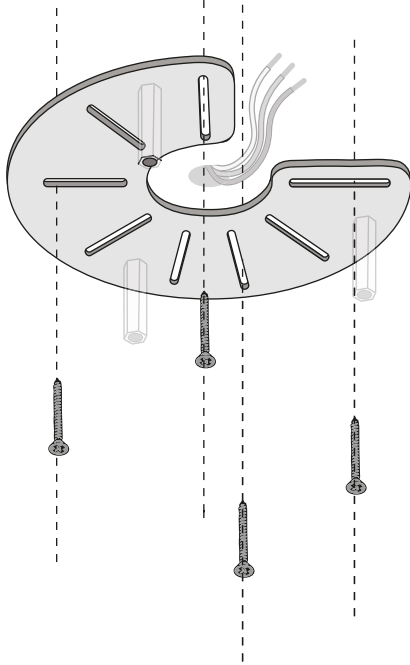
Remove the upper part of the fixture by unscrewing the three bolts on top using a hex key.



3 ATTACH FIXTURE TO CEILING

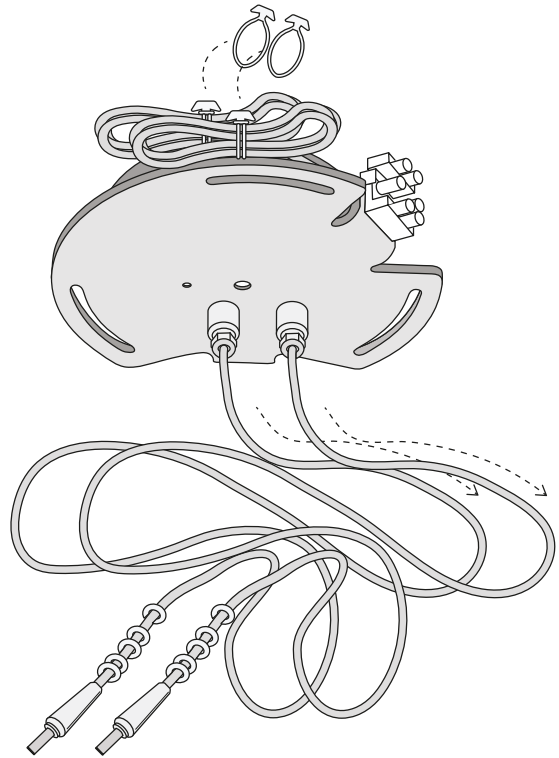
Attach the upper part of the fixture to the ceiling using suitable plugs and screws for your ceiling type. Ensure that the main wiring on the ceiling is centered within the fixture.

Note: screws are not included—use screws and plugs appropriate for your ceiling.



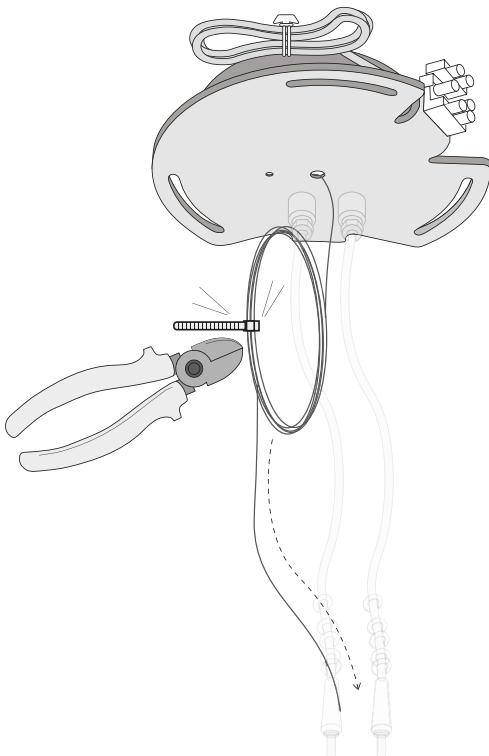
4 ADD LENGTH TO CORD

Take the other side of the fixture and remove the rubber bands wrapped around the lamp's cords. Extend the cords to the desired lengths, allowing a few extra centimeters so they can meander freely along the steel cables later. Use the rubber band to tie the remaining cord back together.



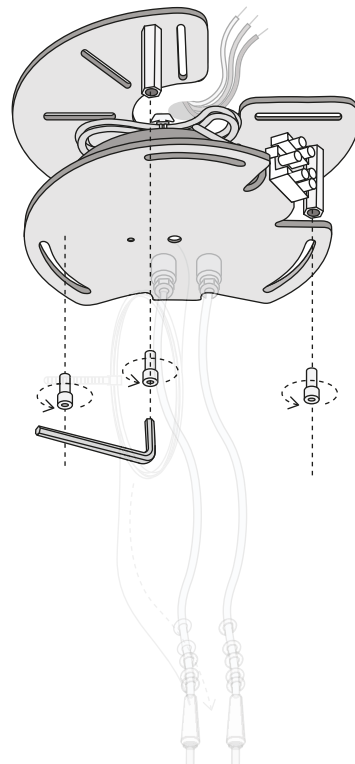
5 UNTIE THE STEEL CABLE

Remove the tie wrap from the steel cable. There is no need to cut the cable to length—this will be adjusted later using the ball fixture.



6 SCREW FIXTURE BACK TOGETHER

Using the same three bolts, screw the fixture back together using a hex key. Make sure the opening in the upper part aligns with the part that holds the white terminal block, as shown in the drawing below. Ensure the remaining cords are stored neatly between the two parts again.



7 CONNECT MAIN WIRING

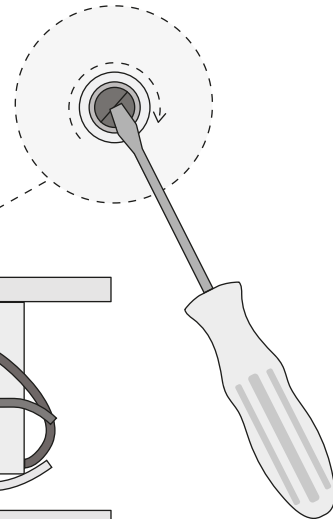
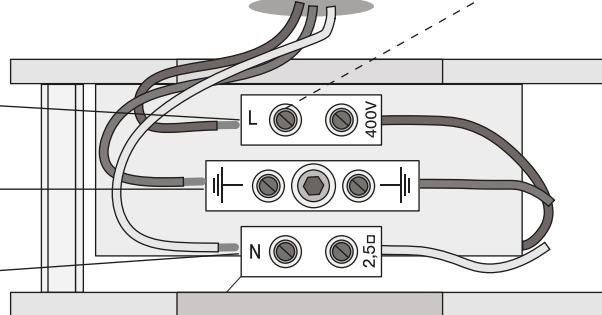
Warning: Always switch off the electricity at the main circuit breaker before starting any electrical work.

Connect your main wiring as usual (L, N, and G) by loosening the screws on the terminal block with a cross-head screwdriver. Insert the wires, then tighten the screws to secure them.

LIVE (L)
Brown

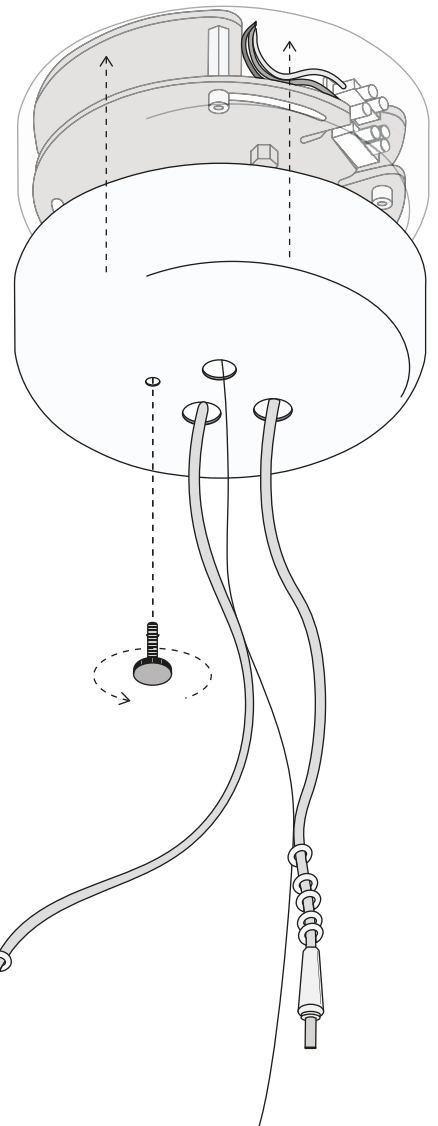
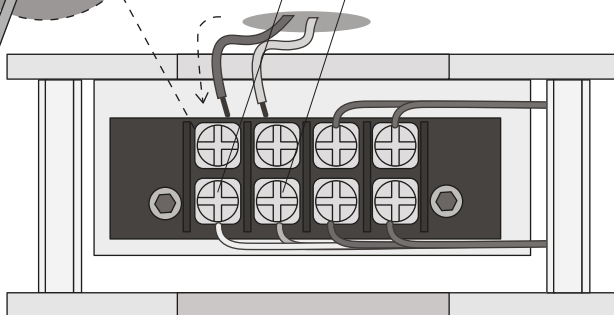
GROUND (G)
Green

NEUTRAL (N)
Blue



DIM-
Pink

DIM+
Purple



8 CONNECT WIRING FOR DIMMING

Warning: Always switch off the electricity at the main circuit breaker before starting any electrical work.

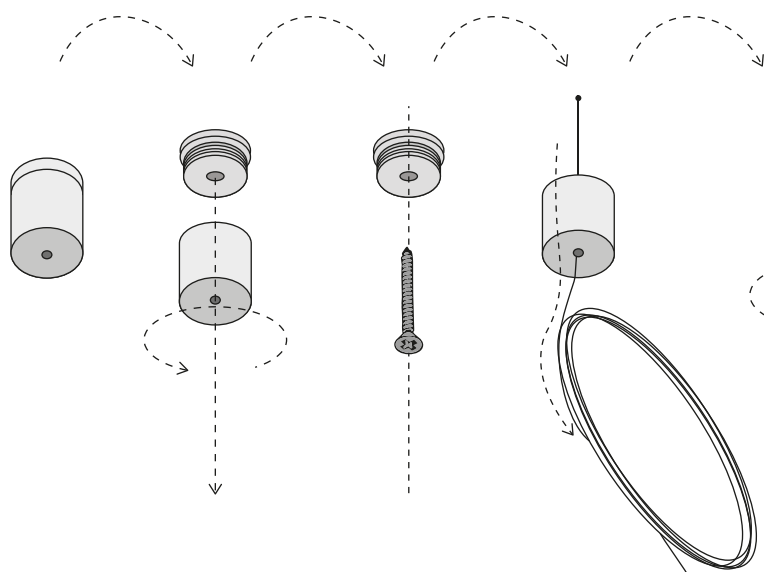
To enable dimming, connect the two dimming control wires to the black terminal block on the opposite side (0–10V, PWM, or resistance), depending on your setup.

9 PLACE COVER OF FIXTURE

Place the canopy cover back over the fixture. Make sure all wiring is safely tucked in, and that both the steel cable and the cords pass through the holes in the cover. Screw the cover back in place using the large screw.

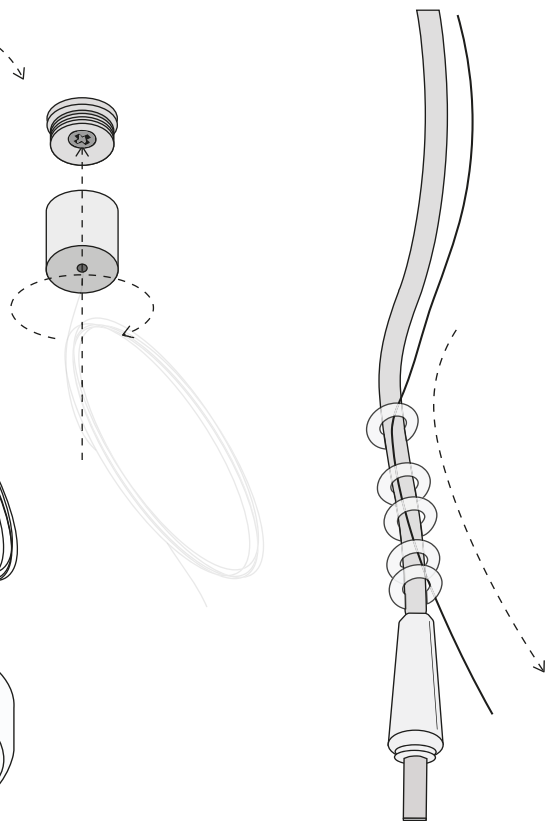
10 ATTACH FIXTURE TO CEILING

Unscrew the small fixture (4). Attach the upper half to the ceiling using the appropriate screws. Thread the steel cable through the lower half, then reassemble the parts by screwing them back together.



11 ATTACH STEEL CABLE TO CORD

Thread the steel cables through the small transparent rubber rings on the cords to secure them together.



12 SECURE THE FRESNELS

Thread the steel cables through the Fresnels and into the spring-loaded ball fixtures. The spring locks the cable in place but can be released by pressing it down to adjust the length. Insert the cable to the desired height and ensure it is secure before hanging the Fresnel. Connect the power cords to the back of the Fresnels, then adjust the Fresnel's angle manually—the felt ring inside the Fresnel will supply enough friction to hold it in place.

