

Model:

This installation manual is applicable to the LIGNE PRO Large series of embedded lighting fixtures, including models OR165DT * (bottom illuminated with edge), OR175AT * (angle adjustable with edge), OR165WT * (wall washing with edge), etc. The "*" includes information on different powers, control systems, color temperatures, face frames, and appearance colors of the fixtures.

Installation Precautions:

1. Please read through the Instructions before installation.
2. The product should be installed by a professional electrician.
3. Make sure the power supply is cut off before installation and maintenance, to avoid the risk of electric shock.
4. The light can be recessed on the ceiling, where sufficient space must be reserved for installation. Do not cover the light with any thermal insulation or consumable articles to avoid fire hazards.
5. In case of cracking of glass, please replace it immediately.
6. Do not install the light on an unstable or unsolid skylight, to avoid falling off.
7. Please keep this Instruction properly for future reference.
8. The LED source in the light should be replaced by the manufacturer or its service agent or similarly qualified personnel.

Light Installation and Wiring:

Model	Cutout dimension	Minimum installation space (h)	Range of installable ceiling thickness (D)
OR165DT-06*	91×48 mm	90 mm	5~25
OR175AT-06*	103×59mm	100 mm	5~25
OR165DT-11*	167×48mm	90 mm	5~25
OR165WT-11*		90 mm	5~25
OR175AT-11*	180×59mm	100 mm	5~25
OR165DT-22*	320×48mm	90 mm	5~25
OR165WT-22*		90 mm	5~25
OR175AT-22*	332×59mm	100 mm	5~25
OR165DT-32*	469×48mm	90 mm	5~25
OR165WT-32*		90 mm	5~25
OR175AT-32*	486×59mm	100 mm	5~25

1. Select the corresponding ceiling opening size according to the specifications and models of the lighting fixtures, and pre open the installation holes for the lighting fixtures on the ceiling (as shown in Figure 1);

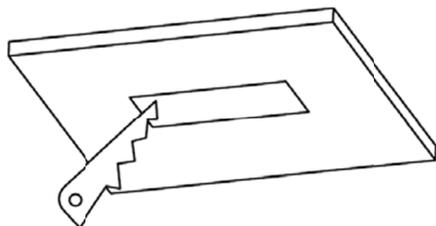


Figure 1

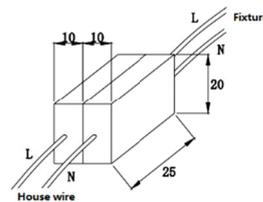


Figure 2

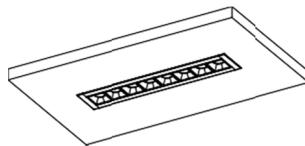
2. Open the drive input terminal box cover, insert the positive and negative terminals of the mains power into the L and N terminals of the wiring terminals, and after wiring is completed, replace the box cover; If the lamp is a dimming model, open the drive output terminal box cover and insert the dimming control wire into the "10V+" and "10V -" holes of the wiring terminal. After wiring is completed, the box cover

needs to be replaced.

3. The driver of the lighting fixture comes with a lead wire, which needs to be connected to an independent terminal block (refer to the schematic diagram in Figure 2 for wiring). The size of each terminal block should not be less than 10x20x25mm.

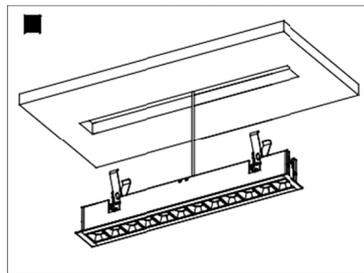
Installation with edge for lower lighting and edge for wall washing:

For the models of lighting fixtures with edges (OR165DT *) and wall cleaning with edges (OR165WT *), after connecting the wires, first place the driver into the interior of the ceiling through the opening. Then, twist the installation spring by hand and install the lighting fixture into the ceiling opening. After installation, confirm that the edge of the lighting fixture is flush with the ceiling, as shown in Figures 3 and 4.



Angle adjustment with edge installation:

For the OR175AT * model lighting fixtures with adjustable angles and edges, after connecting the wires, first insert the driver into the interior of the ceiling through the opening, and then manually twist the installation spring clip to install the lighting fixture into the ceiling opening. After installation, confirm that the edge of the lighting fixture is flush with the ceiling, as shown in Figures 5, 6, and 7. Among them, Figure 5 shows the installation of 2, 4, and 8 head angle adjustment without edges (OR175AT-06 *, OR175AT-11 *, OR175AT-22 *), and Figure 6 shows the installation of 12 head angle adjustment without edges (OR175AT-32 *).



Lamp adjustment angle:

For lamps with angle adjustment model (OR175AT *), the lighting angle can be adjusted in both directions. Insert a flat screwdriver into the slots on both sides of the lamp, allowing for adjustment of the lighting angle within a range of $\pm 35^\circ$, as shown in Figure 4.

