

Product 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.

Notes:

1. Please read the instruction manual carefully before installation;
2. Please hire a professional electrician for installation;
3. To avoid the risk of electric shock, please confirm to turn off the power before installation and maintenance;
4. Luminaires can be embedded into the ceiling surface for installation, but do not cover insulation and combustibles above the lamps and bulbs to avoid causing fires;
5. Do not install the lighting fixtures on unstable and unstable skylights to prevent them from falling;
6. Keep the instruction manual for reference only.

Light Installation and Wiring:

Specifications and Models	Ceiling Opening Size	Minimum Installation Space(h)	Ceiling Thickness
	Unit: mm	Unit: mm	Unit: mm
OR165DT-06*	91×48	90	5~25
OR175AT-06*	103×59	100	5~25
OR165DT-11*	167×48	90	5~25
OR165WT-11*		90	5~25
OR175AT-11*	180×59	100	5~25
OR165DT-22*	320×48	90	5~25
OR165WT-22*		90	5~25
OR175AT-22*	332×59	100	5~25
OR165DT-32*	472×48	90	5~25
OR165WT-32*		90	5~25
OR175AT-32*	486×59	100	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.

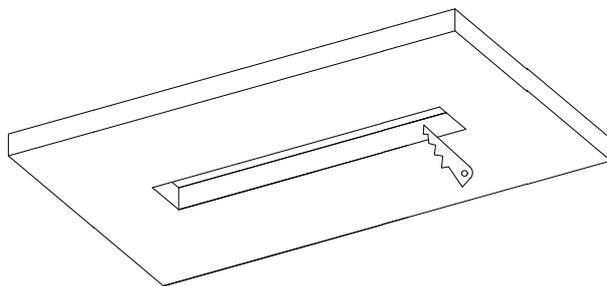


Figure 1

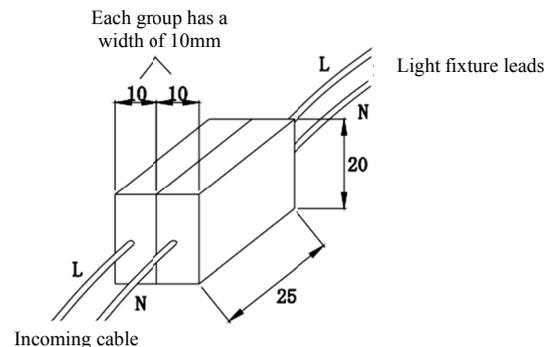


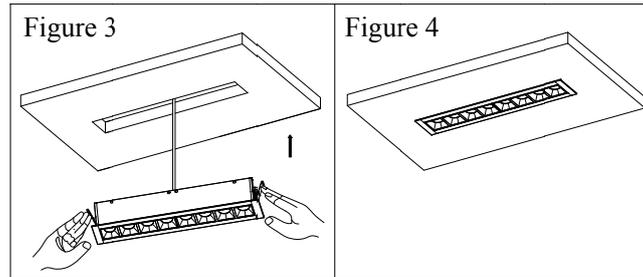
Figure 2

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.

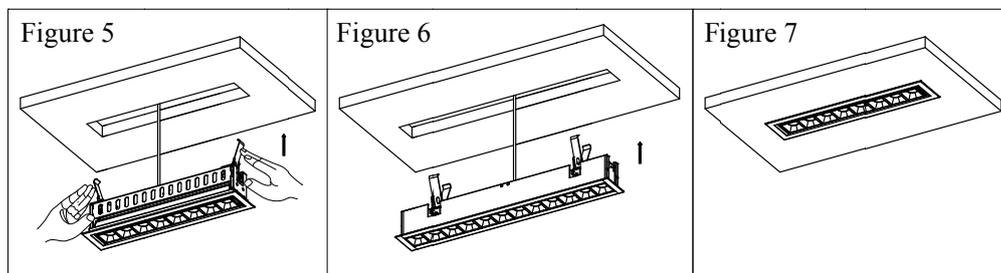
4.1 Installation with edge for lower lighting and edge for wall washing

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.



4.2 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 Figures 8 and 9.

