

KLEE III

KleeIII series installation instructions

Series	Length	Series	Length
LP00803	1000mm	LP00804	1000mm
	1500mm		1500mm
	2000mm		2000mm



This product is only suitable for indoor, it is not allowed to be rinsed with water.

LED driver is built in, the luminaire is pendent - mounted.

Do not clean LED chip and reflector with hand or towel !



- Use only drivers that comply with IEC or CE safety standards.
- Check if the power supply match with the luminaire.
- Must consider the maximum current value displayed on the label of the luminaire.
- The voltage displayed on the luminaire is not used to select the constant voltage driver, but the voltage covered by the selected constant current driver.
- Take suitable ESD measures to avoid touching bare conductors.
- LED chips can be damaged if be in touch with chemical material or gas. Therefore, it is not allowed to clean the LED housing or luminaire by chemicals.
- The following items are confirmed to have negative impact on the performance of the luminaire, avoid to keep luminaire in the same circumstance with them.
 - Methyl acetate or ethyl acetate (i.e., nail polish remover)
 - Cyanoacrylates (i.e., "Superglue")
 - Glycol ethers (including Radio Shack ® Precision Electronics Cleaner - dipropylene glycol monomethyl ether)
 - Formaldehyde or butadiene (including Ashland PLIOBOND ® adhesive)
 - Dymax 984-LVUF conformal coating
 - Loctite Sumo Glue - Loctite 384 adhesive - Loctite 7387 activator
 - Gorilla Glue - Bleach, Bleach-containing cleaners, sprays
- Remove the insulation material from the luminaire or provide enough space so that the temperature raising will not overpass the limited TC.
- LED chip is very sensitive to switching transients, therefore, LED lamps and appliances must be connected after power cut off, no hot-swappable.
- Recommends using the driver indicated on the luminaire manual.
- Must consider the polarity of the product.
- It is recommended to use an ambient temperature of -10 ° C to 40 ° C for indoor lighting equipment.
- If the external flexible cable or cord of this lamp is damaged, the cord should be replaced by the manufacturer or its service agent or a similarly qualified person
- The light source in this lamp should be replaced by the manufacturer or its service agent or a similarly qualified person

2. Substrate Type (Installation steps vary by ceiling material)

Substrate Type 1:

- A. Concrete slab (direct mount)
- B. Gypsum board $\geq 15\text{mm}$ thick (requires wooden reinforcement, see Fig.1)

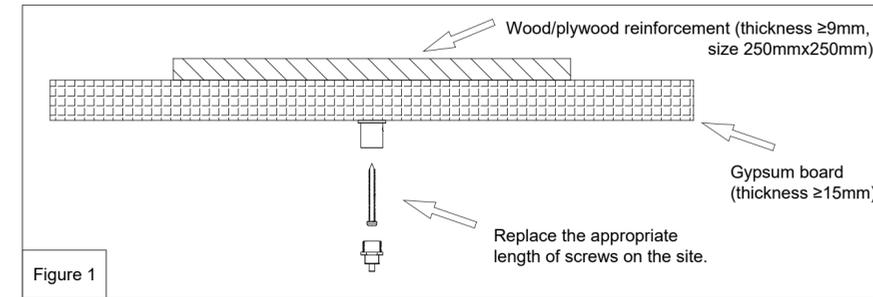
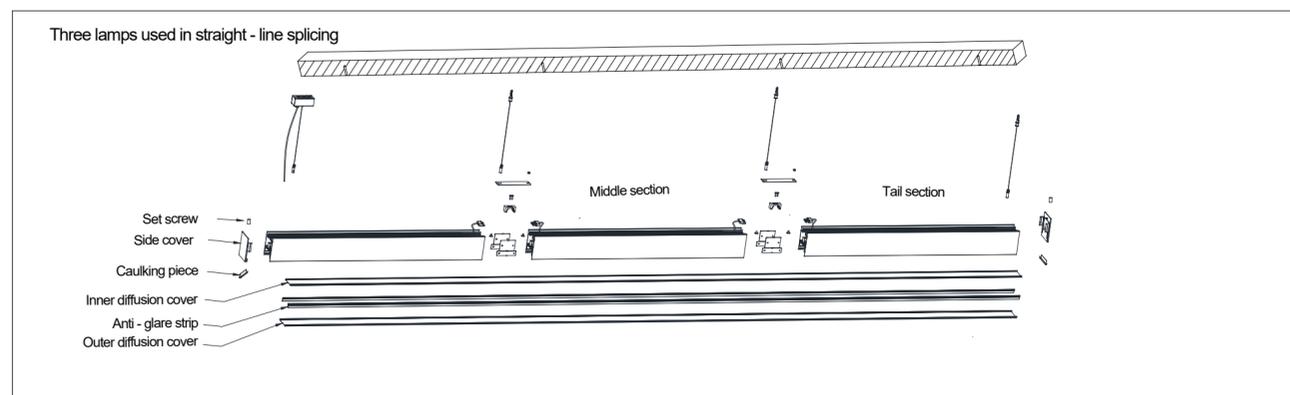
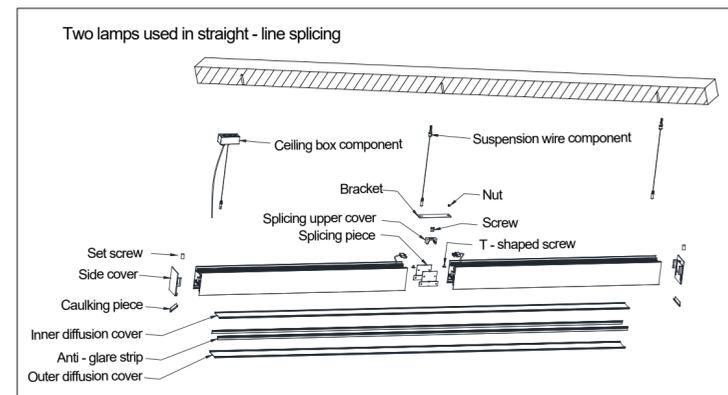
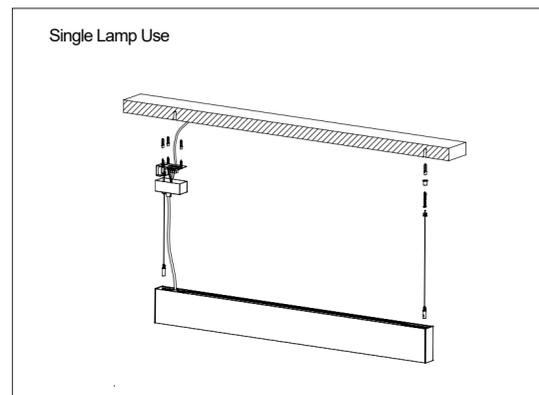


Figure 1

Relative position of the component when it is installed

Individual luminaire	2pcs luminaires straight connected	3pcs or more luminaires straight connected
<p>Power cable hole $\varnothing 15-20\text{mm}$</p> <p>L: luminaire length</p>	<p>Power cable hole $\varnothing 15-20\text{mm}$</p> <p>L: luminaire length</p>	<p>Power cable hole $\varnothing 15-20\text{mm}$</p> <p>L: luminaire length</p>
<p>Install the following components on the ceiling firstly: Ceiling-mounted Box (1 PCS) + Steel Wire Rope Fittings (2 PCS)</p>	<p>Install the following components on the ceiling firstly: Ceiling-mounted Box (1 PCS) + Steel Wire Rope Fittings (3 PCS)</p>	<p>Install the following components on the ceiling firstly: Ceiling-mounted Box (1 PCS) + Steel Wire Rope Fittings (3 PCS)</p>

I. Exploded View of Lamp Structure



Substrate Type 2

Because the ceiling of the following materials can not bear the weight, the wire rope of the lamp needs to be fixed on the concrete ceiling (or main keel) for bearing, and the wire rope needs to pass through the following ceilings and then fixed on the concrete ceiling (Figure 2).

- A. Mineral wool board ceiling;
- B. Aluminum gusset ceiling;
- C. Silicon calcium plate ceiling;

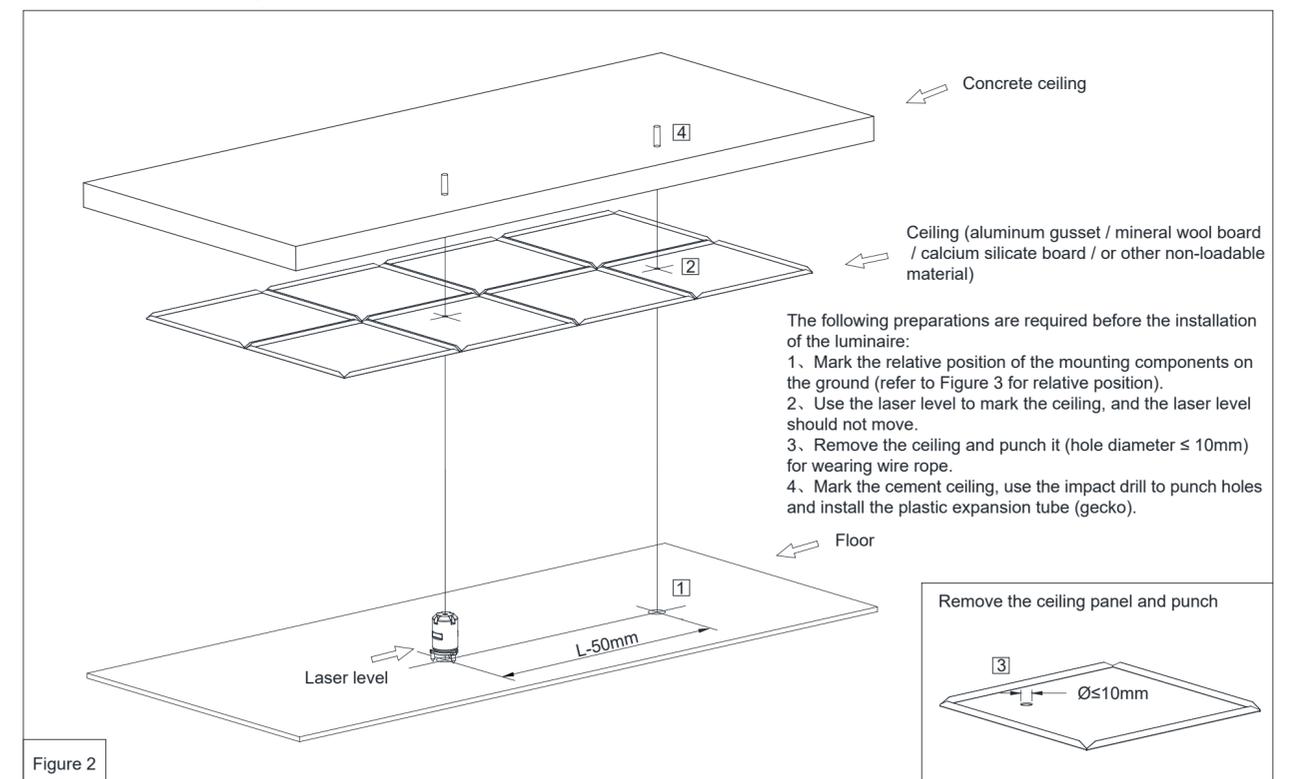
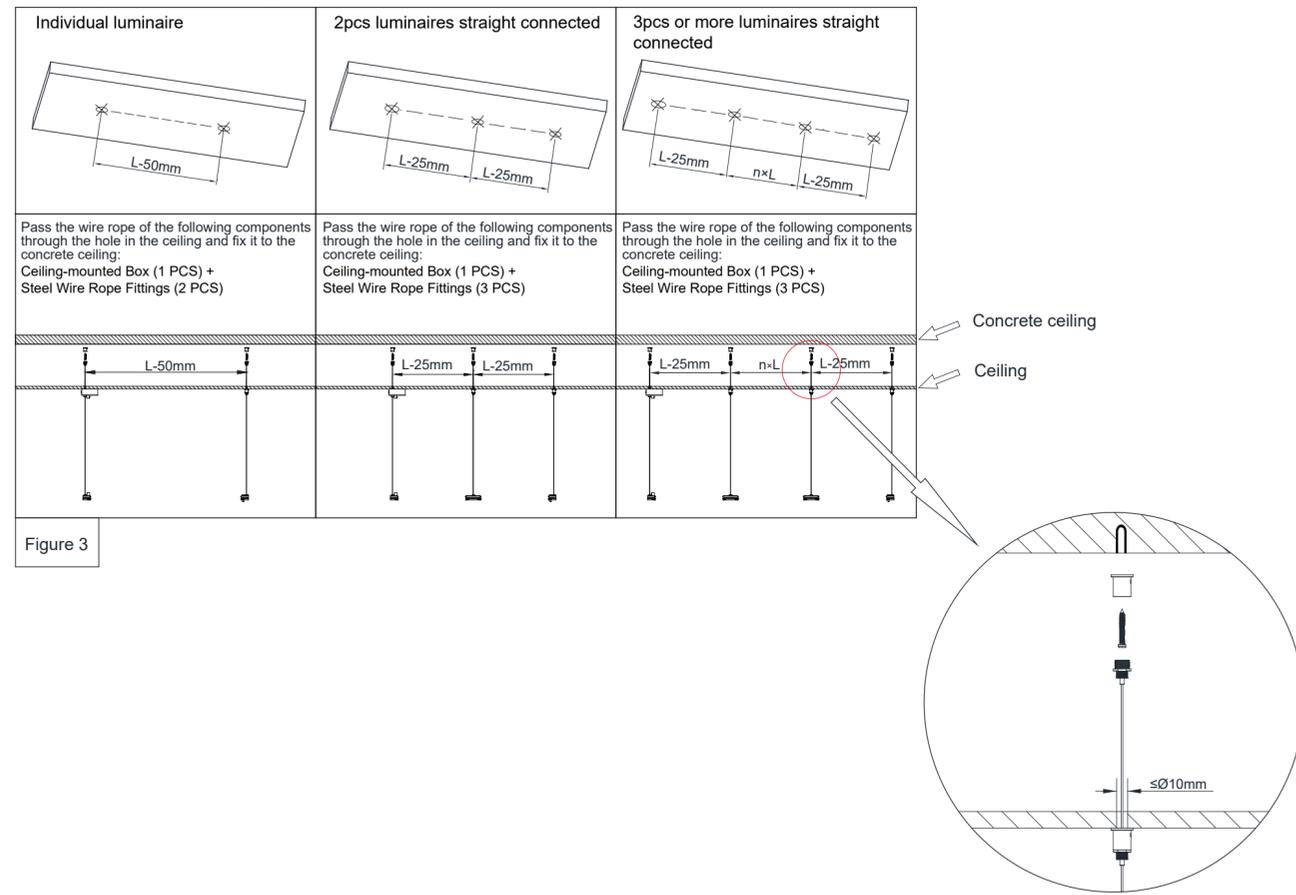
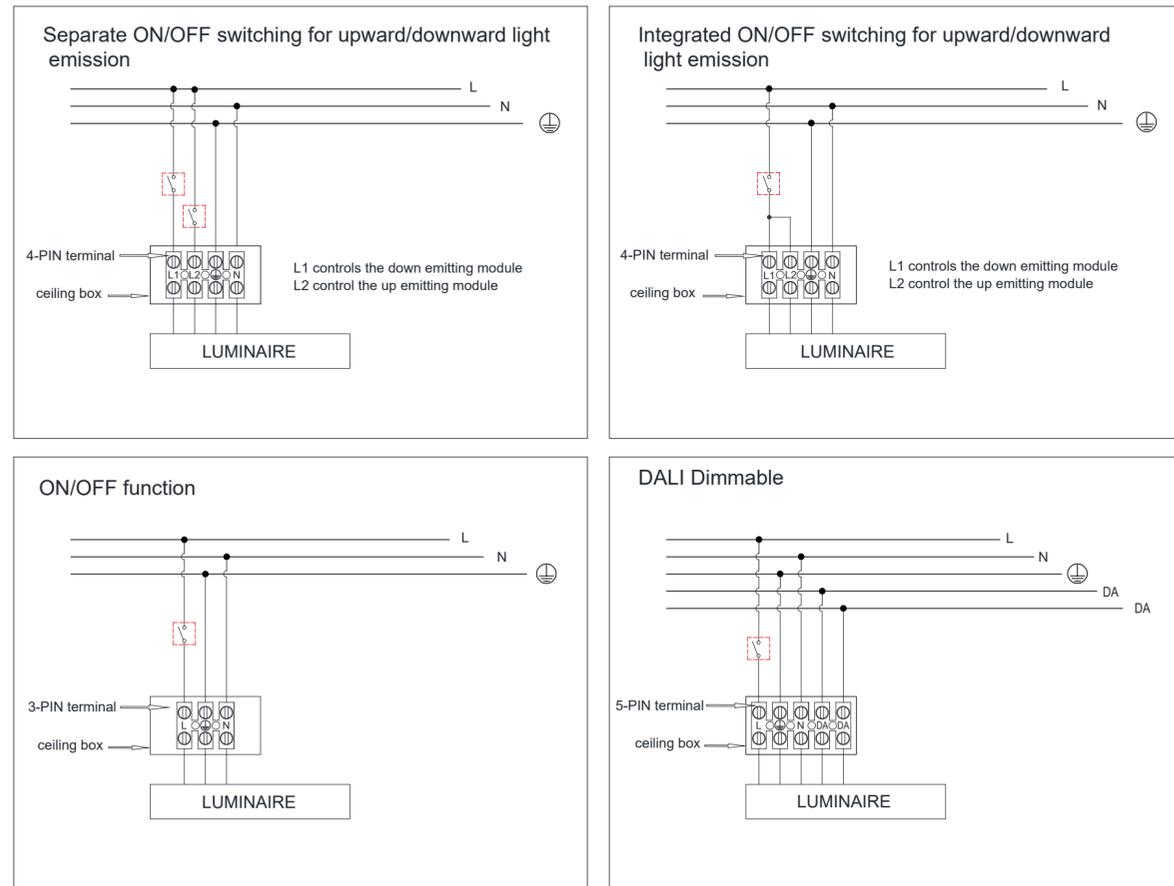


Figure 2

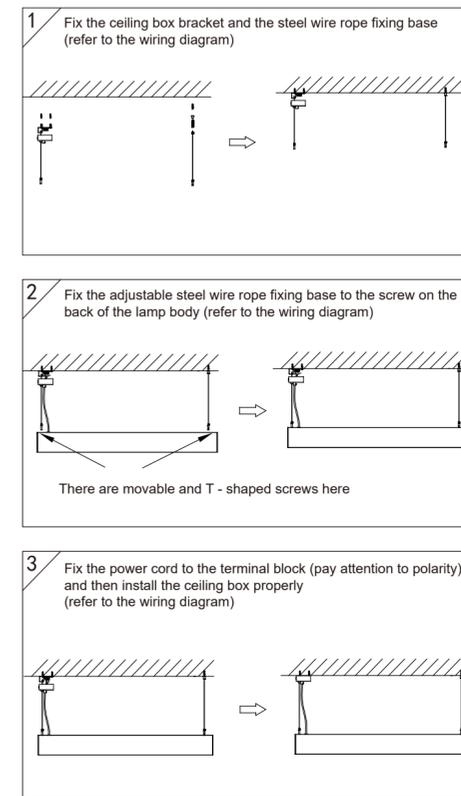
Relative position of the component when it is installed



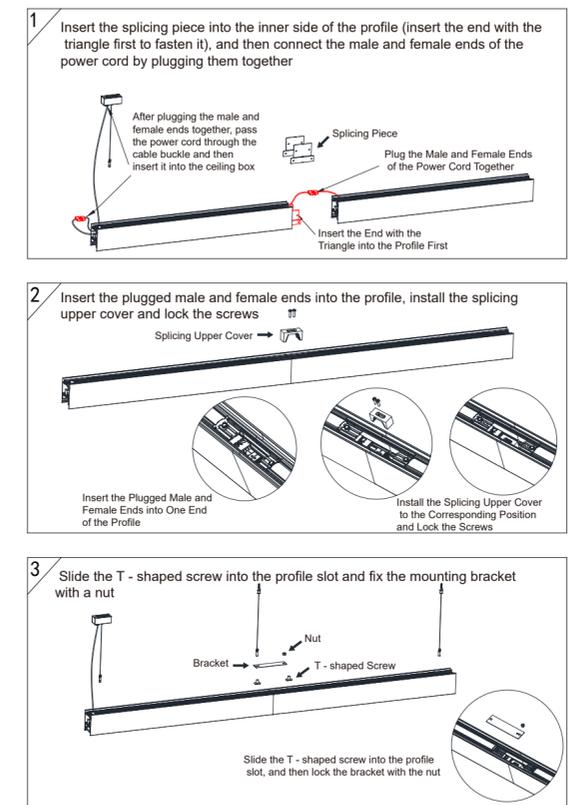
3. WIRING DIAGRAM



4. Installation Steps



5. Splicing Steps



6. Lamp Maintenance Steps

