

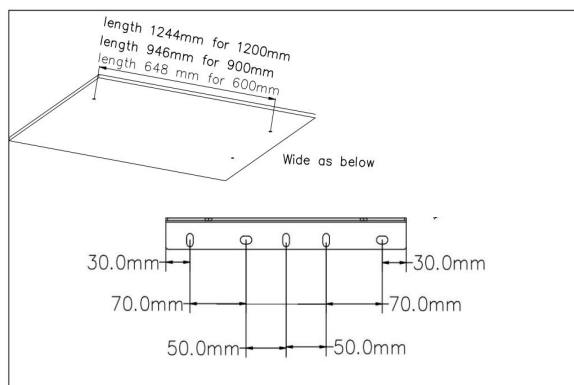
## WARNINGS, INSTALLATION, COMPONENTS PACK OF Utah60, Utah90, Utah120 LED LUMINAIRE (Ceiling Mounting)

### WARNINGS:

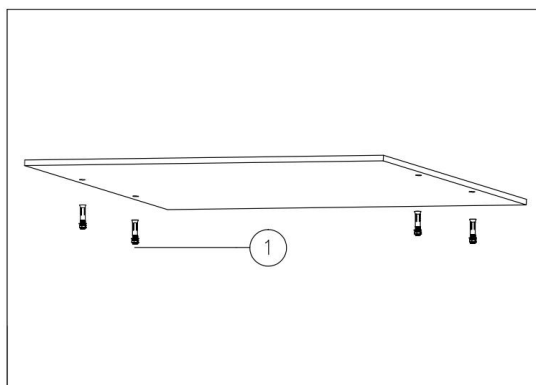
- \*Please read warnings, installation instructions, wiring, packing information and product labels carefully before installing luminaire.
- \*Make sure power is OFF before installing or maintaining luminaire.
- \*Mounting and maintenance only by a skilled electrician.
- \*Luminaire only suitable for indoor applications and ambient temperature not lower -35°C or not higher +45°C.
- \*Avoid electrostatic discharge (ESD) at installation, maintenance or cleaning.

### INSTALLATION INSTRUCTIONS:

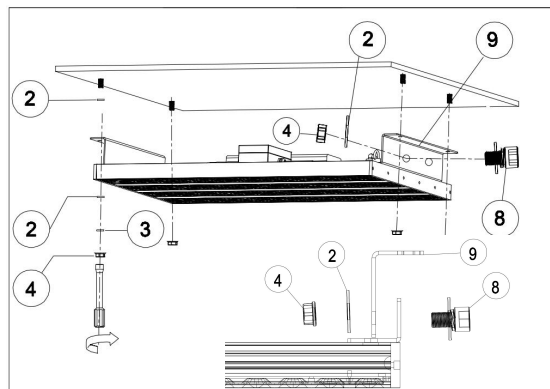
1. The screw set No.8 fixing the bracket No.9 to the luminaire, then putting the flat gasket No.2 and nut No.4 onto the screw set No.8. (P3).
2. Measure the distance between drill holes (Length and width). Drill 4pcs of holes with Ø10mm (P1).
3. Fixing 4pcs shells of explosion screw (NO.1) into the drill holes (P2). Putting the flat gasket (NO.2), then the bracket onto the explosion screw (NO.1). Then putting the flat gasket (NO.2), then spring gasket (NO.3), and then nuts (NO.4) onto the explosion screw. (NO.1) (P3).
4. Installation finished (P4)



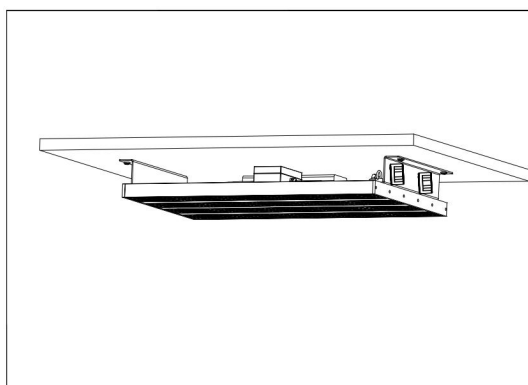
P1



P2



P3



P4

### COMPONENTS PACKING INFORMATION:



No.1 4PCS



No.2 12PCS



No.3 4PCS



No.4 8PCS



No.8 4PCS



No.9 2PCS

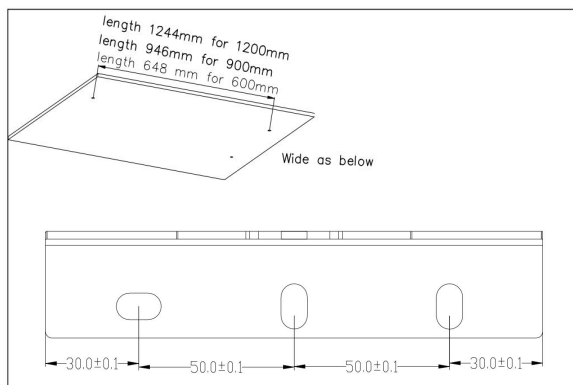
## WARNINGS, INSTALLATION, COMPONENTS PACK OF Utah60, Utah90, Utah120 LED LUMINAIRE (Angle Adjustable Ceiling Mounting)

### WARNINGS:

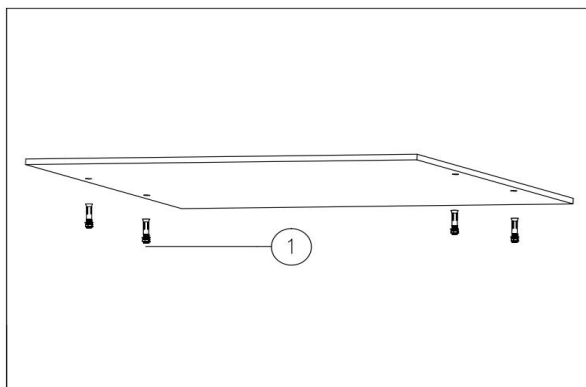
- \*Please read warnings, installation instructions, wiring, packing information and product labels carefully before installing luminaire.
- \*Make sure power is OFF before installing or maintaining luminaire.
- \*Mounting and maintenance only by a skilled electrician.
- \*Luminaire only suitable for indoor applications and ambient temperature not lower  $-35^{\circ}\text{C}$  or not higher  $+45^{\circ}\text{C}$ .
- \*Avoid electrostatic discharge (ESD) at installation, maintenance or cleaning.

### INSTALLATION INSTRUCTIONS:

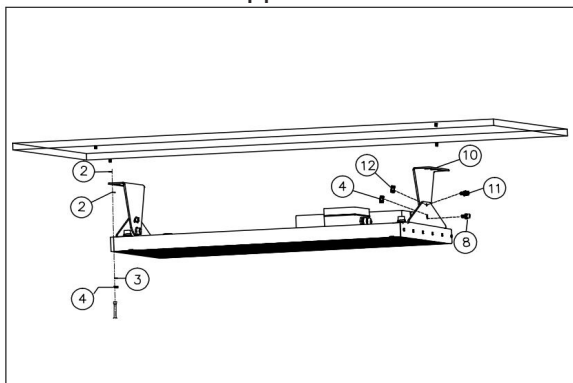
1. The screw set No.8 and No.11 fixing the bracket No.10 to the luminaire, then putting the nut No.4 and No.12 onto the screw set No.8 and No.11(P3).  
Just turning the No.8 and No.11, the No.4 and No.12 not be moved.
2. Measure the distance between drill holes (Length and width). Drill 4pcs of holes with  $\varnothing 10\text{mm}$  (P1).
3. Fixing 4pcs shells of explosion screw (NO.1) into the drill holes (P2). Putting the flat gasket (NO.2), then the bracket onto the explosion screw (NO.1). Then putting the plat gasket (NO.2), then spring gasket (NO.3), and then nuts (NO.4) onto the explosion screw. (NO.1) (P3).
4. Installation finished (P4)



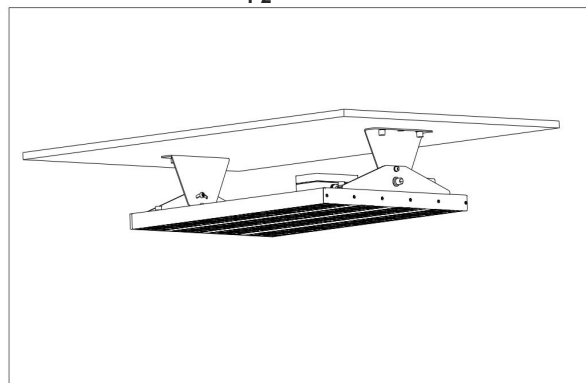
**P1**



**P2**



**P3**



**P4**

### COMPONENTS PACKING INFORMATION:



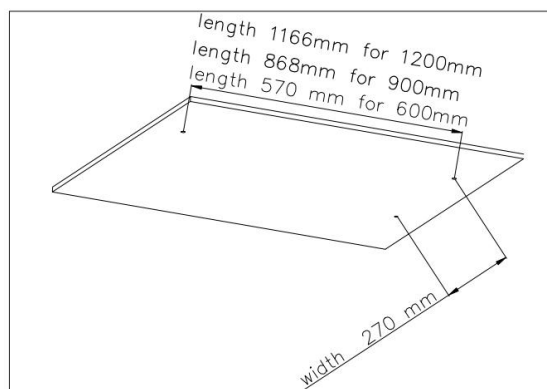
## WARNINGS, INSTALLATION, COMPONENTS PACK OF Utah60,Utah90,Utah120 LED LUMINAIRE (Wire Mounting)

### WARNINGS:

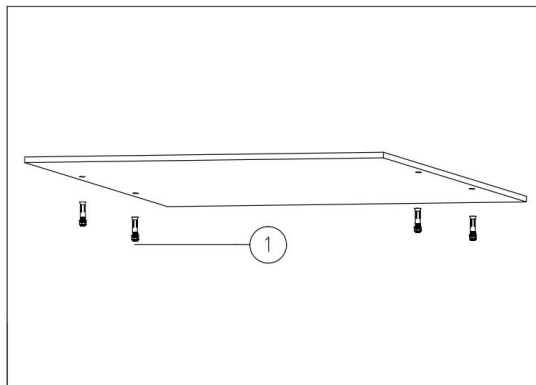
- \*Please read warnings, installation instructions, wiring, packing information and product labels carefully before installing luminaire.
- \*Make sure power is OFF before installing or maintaining luminaire.
- \*Mounting and maintenance only by a skilled electrician.
- \*Luminaire only suitable for indoor applications and ambient temperature not lower -35°C or not higher +45°C.
- \*Avoid electrostatic discharge (ESD) at installation, maintenance or cleaning.

### INSTALLATION INSTRUCTIONS:

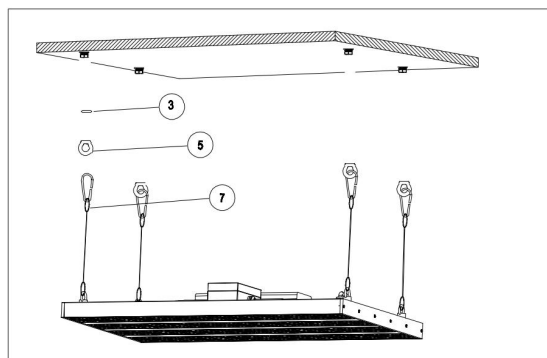
1. Measure the distance between drill holes (Length and width). Drill 4pcs of holes with Ø10mm (P1).
2. Fix 4pcs shells of explosion screw (NO.1) into the drill holes (P2).
3. Putting the spring gasket (NO.3), and then M8 ring nuts (NO.5) onto the explosion screw. (NO.1), then putting the Spring Hook and Wires (NO.7) to the M8 ring nuts (P3)
4. Installation finished (P4). The wires length can be according to customers' requirements.



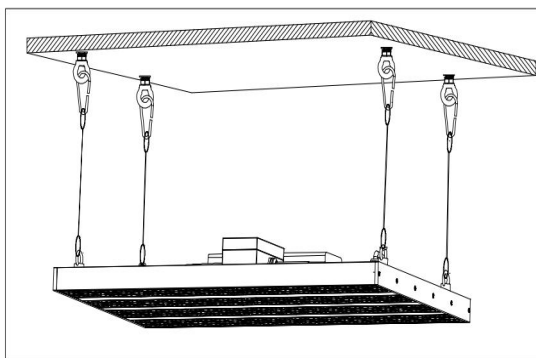
P1



P2



P3



P4

### COMPONENTS PACKING INFORMATION:



No.1 4PCS



No.3 4PCS



No.5 4PCS



No.7 4PCS

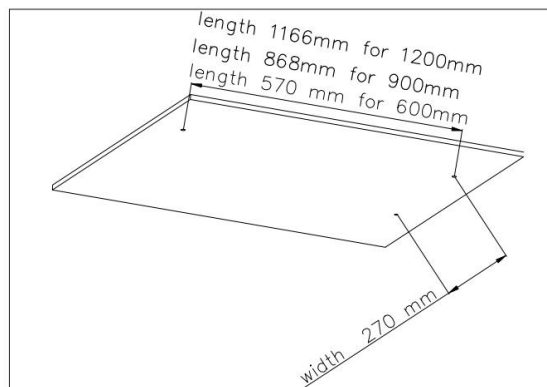
## WARNINGS, INSTALLATION, COMPONENTS PACK OF Utah60, Utah90, Utah120 LED LUMINAIRE (Chain Mounting)

### WARNINGS:

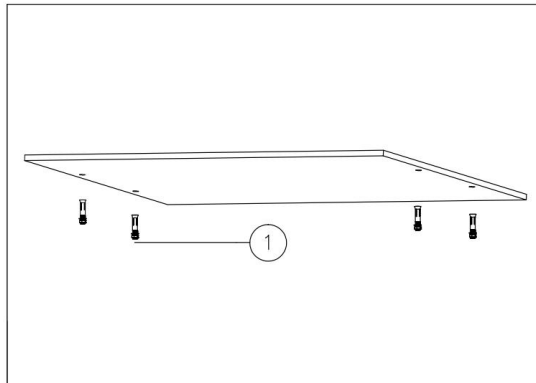
- \*Please read warnings, installation instructions, wiring, packing information and product labels carefully before installing luminaire.
- \*Make sure power is OFF before installing or maintaining luminaire.
- \*Mounting and maintenance only by a skilled electrician.
- \*Luminaire only suitable for indoor applications and ambient temperature not lower -35°C or not higher +45°C.
- \*Avoid electrostatic discharge (ESD) at installation, maintenance or cleaning.

### INSTALLATION INSTRUCTIONS:

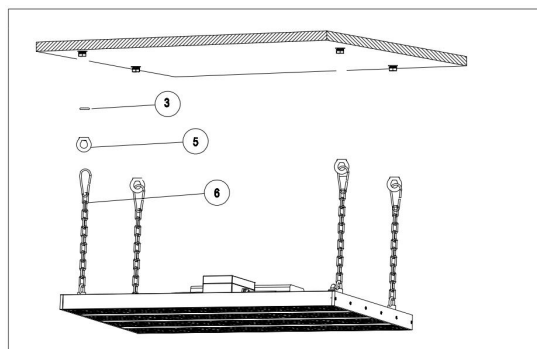
1. Measure the distance between drill holes (Length and width). Drill 4pcs of holes with Ø10mm (P1).
2. Fix 4pcs shells of explosion screw (NO.1) into the drill holes (P2).
3. Putting the spring gasket (NO.3), and then M8 ring nuts (NO.5) onto the explosion screw. (NO.1), then putting the Spring Hook and Chains (NO.6) to the M8 ring nuts (P3)
4. Installation finished (P4). The chains length can be according to customers' requirements.



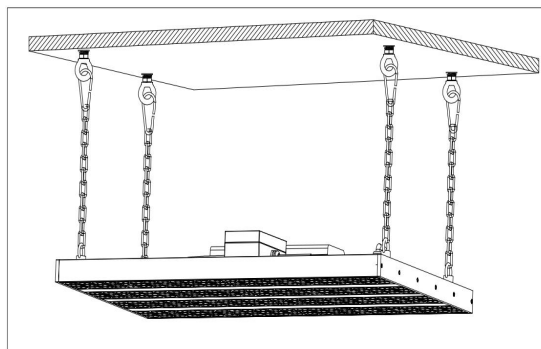
**P1**



**P2**



**P3**



**P4**

### COMPONENTS PACKING INFORMATION:



**No.1 4PCS**



**No.3 4PCS**



**No.5 4PCS**



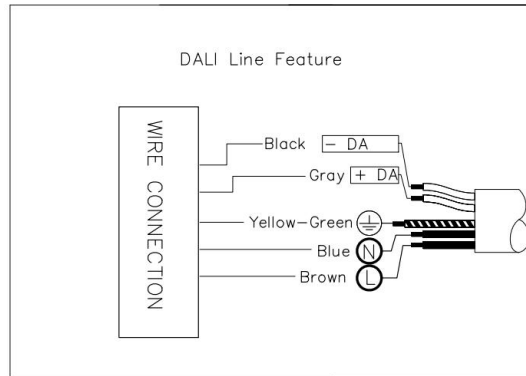
**No.6 4PCS**

## ELECTRONIC WIRE Connection Introduction OF Utah LED LUMINAIRE

### DALI DIMMING 5 LINE WIRING (See diagram P5):

The unit voltage is **180-240V**. Make sure the supply voltage is compatible with the unit.

1. Connect the brown driver AC wire to "L"
2. Connect the blue driver AC wire to "N".
3. Connect the Yellow-Green wire to "GND"
4. Connect the black wire to DALI -
5. Connect the gray wire to DALI +

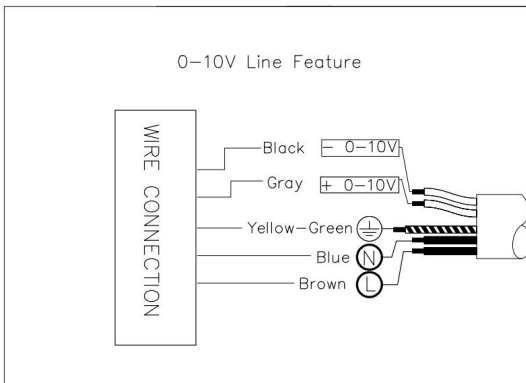


**P5**

### 0-10V DIMMING 5 LINE WIRING (See diagram P6):

The unit voltage is **180-240V**. Make sure the supply voltage is compatible with the unit.

1. Connect the brown driver AC wire to "L"
2. Connect the blue driver AC wire to "N".
3. Connect the Yellow-Green wire to "GND"
4. Connect the black wire to 0-10V -
5. Connect the gray wire to 0-10V +

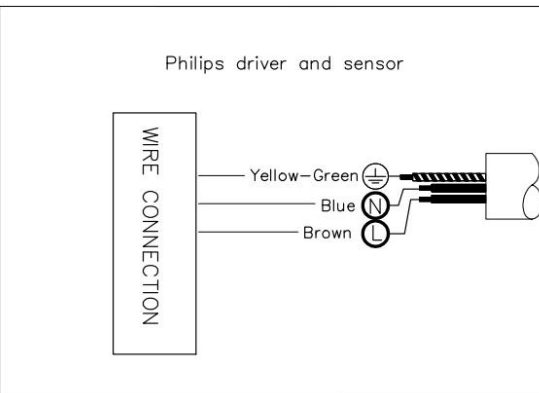


**P6**

### PHILIPS DRIVER & SENSOR 3 LINE WIRING (See diagram P7):

The unit voltage is **180-240V**. Make sure the supply voltage is compatible with the unit.

1. Connect the brown driver AC wire to "L"
2. Connect the blue driver AC wire to "N".
3. Connect the Yellow-Green wire to "GND"

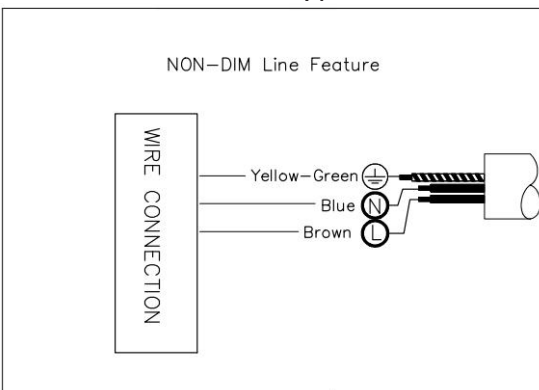


**P7**

### NON-DIM 3 LINE WIRING (See diagram P8):

The unit voltage is **180-240V**. Make sure the supply voltage is compatible with the unit.

1. Connect the brown driver AC wire to "L"
2. Connect the blue driver AC wire to "N".
3. Connect the Yellow-Green wire to "GND"



**P8**