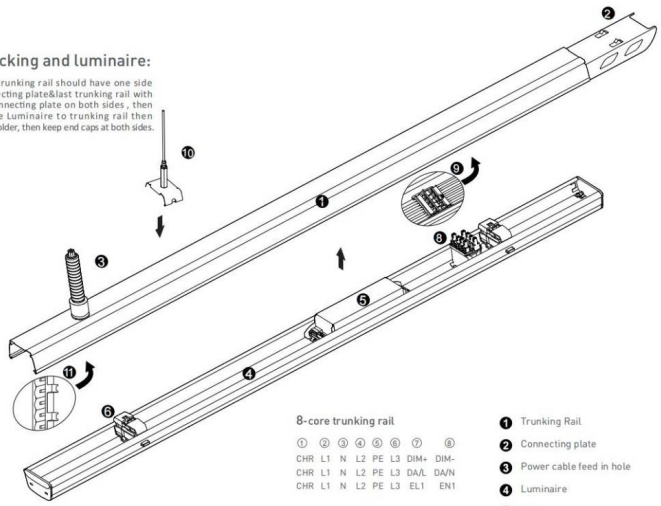
**Code article 86.ML01.1431.01**



## Tracking and luminaire:

First trunking rail should have one side connecting plate&last trunking rail with no connecting plate on both sides , then fix the Luminaire to trunking rail then lock holder, then keep end caps at both sides.



**8-core trunking rail**

| ① | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ |
|---|---|---|---|---|---|---|---|
| CHR | L1 | N | L2 | PE | L3 | DIM+ | DIM- |
| CHR | L1 | N | L2 | PE | L3 | DA/L | DA/N |
| CHR | L1 | N | L2 | PE | L3 | EL1 | EN1 |

⓫ Definition of 5-core 8-core and 12- core trunking rail

**5-core trunking rail**

| ① | ② | ③ | ④ | ⑤ |
|---|---|---|---|---|
| L1 | N | L2 | PE | L3 |

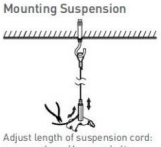
**12-core trunking rail**

| ① | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ⑨ | ⑩ | ⑪ | ⑫ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CHR | L1 | N | L2 | PE | L3 | DIM+ | DIM- | EL1 | EN1 | EN2 | EL2 |
| CHR | L1 | N | L2 | PE | L3 | DA/L | DA/N | EL1 | EN1 | EN2 | EL2 |
| CHR | L1 | N1 | L2 | PE | L3 | DIM+ | DIM- | L4 | N2 | L5 | L6 |
| CHR | L1 | N1 | L2 | PE | L3 | DA/L | DA/N | L4 | N2 | L5 | L6 |

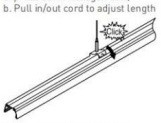
1. Trunking Rail
2. Connecting plate
3. Power cable feed in hole
4. Luminaire
5. Driver
6. Lock holder
8. Male connector
9. Female connector
10. Installation cord

**Step 1**

### Mounting Suspension



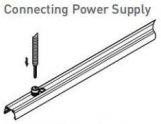
Adjust length of suspension cord:
a. press down Hexagon bolt;
b. Pull in/out cord to adjust length



Click in mounting clip into trunking rail

**Step 2**

### Connecting Power Supply



Put in conduit with cable inside and pull up conduit gland to lock

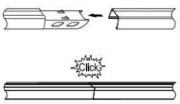


Connect wires according labeling on wires to feed in connector then connect to connector in trunking rail

**Step 3**

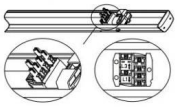
### Connecting Trunking Rail

Both trunking rails should keep in perfect position then push to click

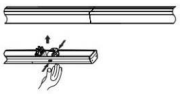


**Step 4**

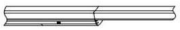
### Mounting Luminaire



Slide knob to select phase L1/L2/L3

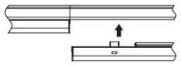


Make sure male & female connectors in right position then fix the luminaire to trunking rail

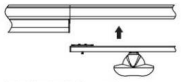


**Step 5**

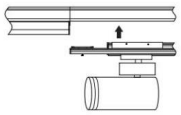
### LED linear lighting system



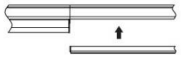
Including luminaires



Including luminaires and sensor

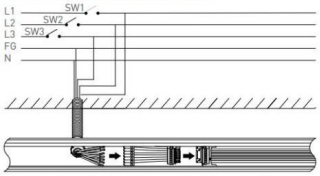


Including luminaires and spotlight



Including luminaires and black cover

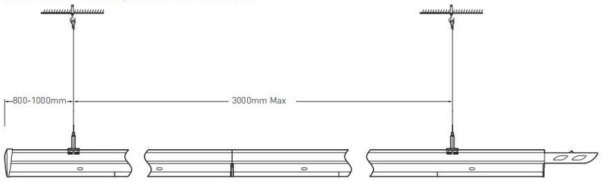
### Wire diagram of triple circuits function




This Triple Circuits function offers to control lighting ON/OFF by three switches SW1,SW2,SW3 which are connected by live lines L1,L2,L3

### Pendant and mounting installation

Starting Installation distances point should be 800 mm to 1000 mm, then in between 1st & 2nd point should be 3000 mm max



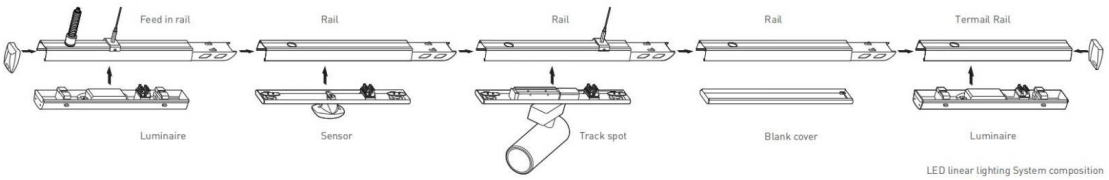

### Four options for installation



Surfacing mounting kit | Rod hanger | Cord hanger | Chain hanger

Safety notes:
Installation should be performed only by qualified electrician .

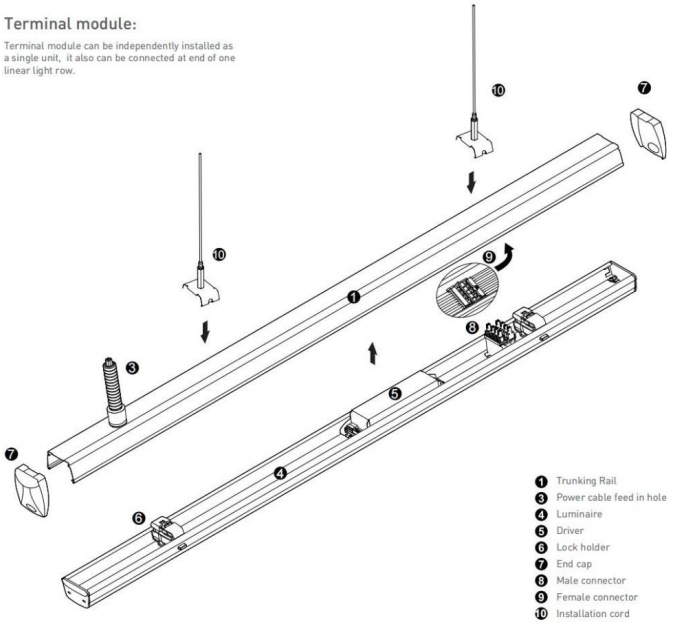
- Make sure no voltage while installation .
- Connect cable wires according to wire labeling.
- Max current should not exceed 16A in one power feed in circuit.




LED linear lighting System composition

## Terminal module:

Terminal module can be independently installed as a single unit, it also can be connected at end of one linear light row.



1. Trunking Rail
3. Power cable feed in hole
4. Luminaire
5. Driver
6. Lock holder
7. End cap
8. Male connector
9. Female connector
10. Installation cord

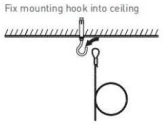
**Step 1**

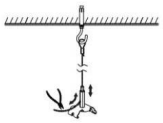
### Mounting Suspension

Drill a hole on ceiling

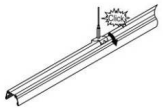


Fix mounting hook into ceiling





Adjust length of suspension cord:
a. press down Hexagon bolt;
b. Pull in/out cord to adjust length



Click in mounting clip into trunking rail

**Step 2**

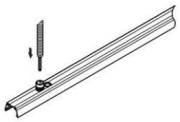
### Connecting Power Supply



Cut the Rubber cap to pass the power cable



Screw in the conduit gland



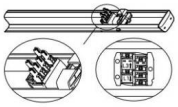
Put in conduit with cable inside and pull up conduit gland to lock



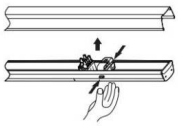
Connect wires according labeling on wires to feed in connector then connect to connector in trunking rail

**Step 3**

### Mounting Luminaire



Slide knob to select phase L1/L2/L3



Make sure male & female connectors in right position then fix the luminaire to trunking rail



Push the sliding lock to lock the luminaire to trunking rail