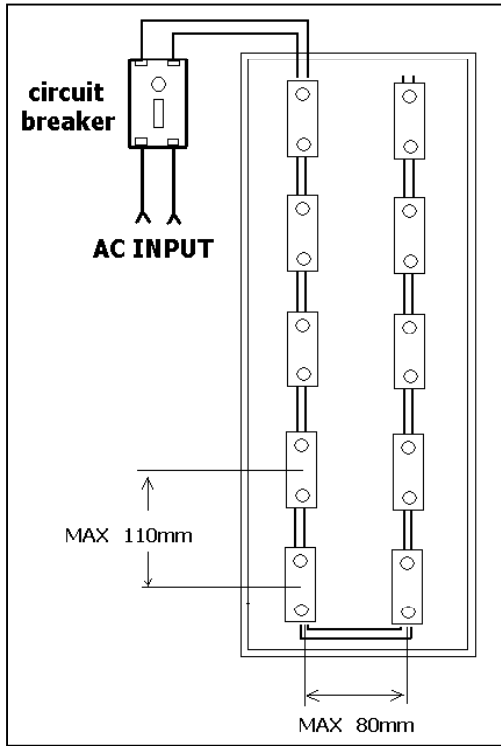


INSTALLATION GUIDE

■ DIAGRAM for AC2-W



1. Maximum run

: 300 pcs in series / depends on ELCB in parallel

2. Maximum connection : 60 M in series from Circuit Breaker to the last module

3. Capacity for Earth Leakage Circuit Breaker (ELCB)

= Number of Modules * 0.03A * 1.2 (120%)

ex) In case Module 300pcs,

$$300 * 0.03 * 1.2 = 10.8A$$

4. Pitch between modules : less than 110mm between center to center of the modules (Standard channel height : 80mm)

⚠ CAUTION

Any actions against following contents will cause serious issues such as malfunction, electric shock or burn.

1. USE AC 100-240V ONLY

2. Make sure to install "Earth Leakage Circuit Breaker(ELCB)" between direct AC power and modules.

3. Do not cut wire or any kinds of wiring while modules are connected with live power source

4. Avoid installation under rain or high humidity for outdoor use.

Installed LED Sign must be covered for outdoor use. Should be protected from rain and direct ray of the sun for a long term use. It can causes crack of LED lamps.

For indoor use where possibly has human contacts must be covered too.

5. Do not use in the circumstance of over 70% humidity

6. Do not touch LED lamps with sharp objects

7. Make holes for water drain on the down side of channel letter for outdoor use.

8. Strand of modules must be capped with wire nut, compression tube or insulating tape to protect from electric leakage.

INSTALLATION GUIDE

■ LED Channel Installation direction

Tools & Supplies



Wire Stripper, Drill, Screw Driver, Tower, Wire nuts, Nippers, Insulating tape, Compression Tube, Connection cable to power, Bushing.

(Option: Silicon and Screws)

Materials

- * LED Modules : AC 2-W
- * Channel Letter Height : 80~120mm
- * Recommended cover materials :
Light diffusion PC (Polycarbonate) or
Acrylic exclusive for LED
- * Recommended paint color inside channel letter
: White color for better reflection of LED lights



1. Clean the moisture, dust and oil inside the channel letter and check if there is scratch or breakage.

Adhesive tape will be taken off easily in case products is mounted on dirty and uneven surfaces.



2. Using predetermined layout, place LED modules with adhesive tape on the backside of modules. Make sure that modules are firmly attached on the surface.



Do not press down directly on the top of LED lamp to avoid any damages.



3. Make holes using drill, one for wiring on the backside of channel letter and another one for water drain on downside. Use bushing to protect wires from an electric leakage.



4. Cap all strand of modules using wire nut or compression tube, silicon for waterproofing.

5. To fix modules permanently, spread silicon on the side of modules



6. Connect with AC power supplies and do lighting test.



7. If lighting has no problem, cover the channel letter and check the exterior.