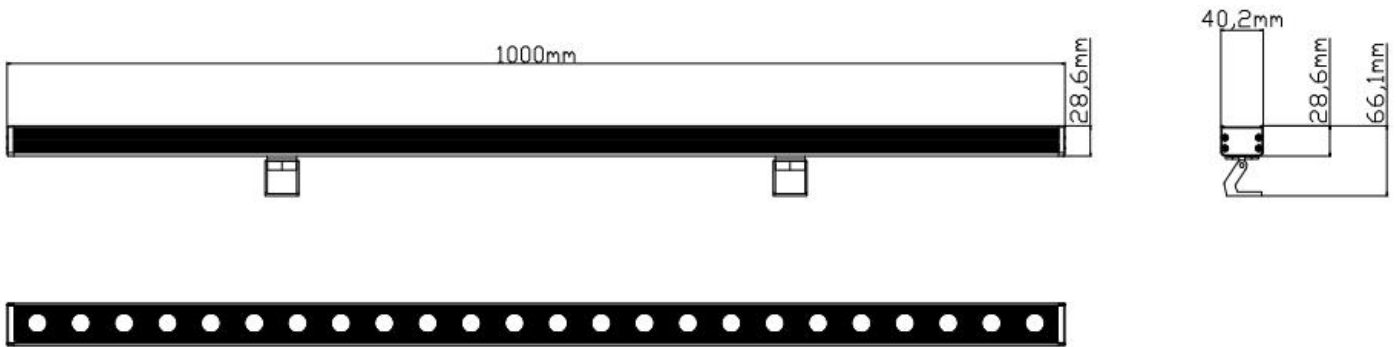# LED Linear Wall Washer Installation & Wiring Manual

Dimension:
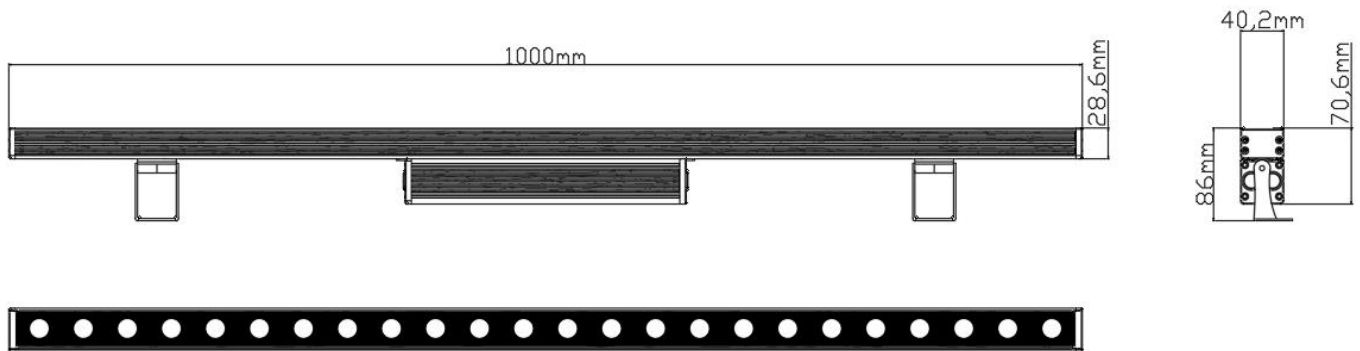
WN-LNWW-36(AK47)

a)DC24V version

1000mm
28,6mm
40,2mm
28,6mm
66,1mm
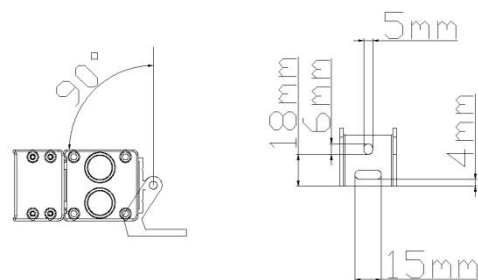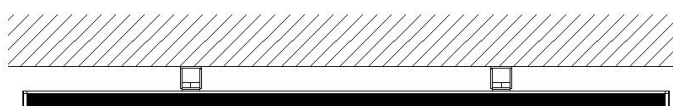
b)AC100-277V version

1000mm
28,6mm
40,2mm
70,6mm
86mm

Installation:
This fixture can be set up on a flat surface or hanged on the wall or under a ceiling. If you want to hang it,please be sure that you will fix the screw to the wall or ceiling very carefully to avoid any problem.
a)Flat surface installation

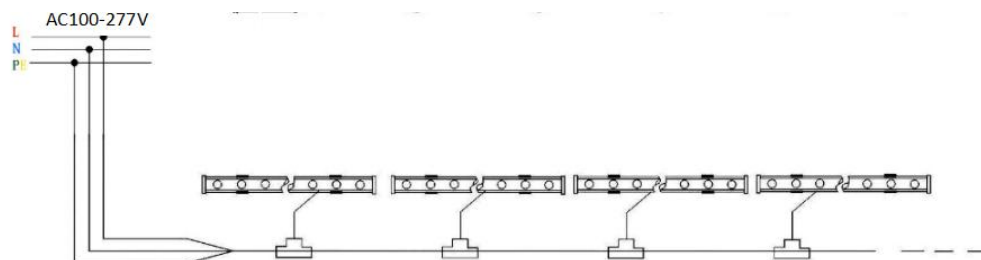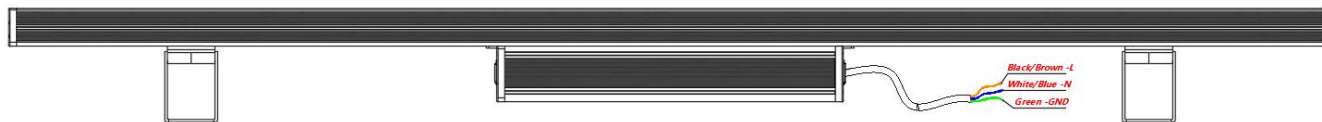b)hanging installation

90°
5mm
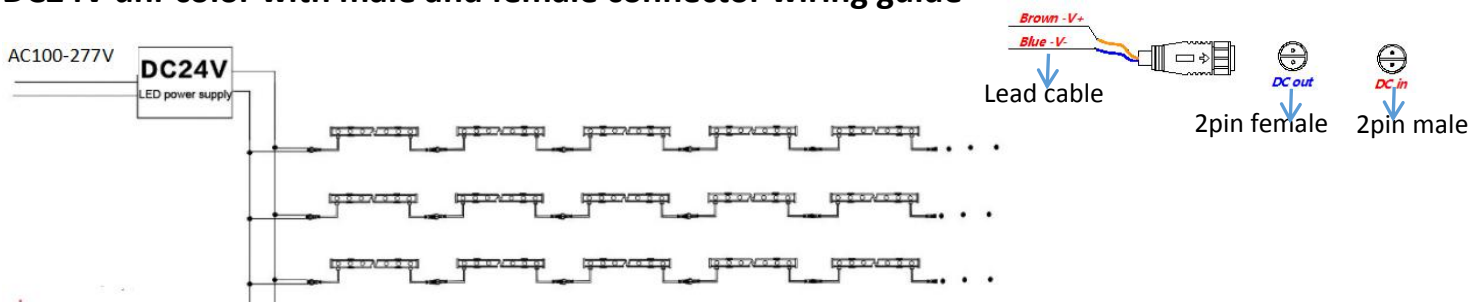18mm
6mm
4mm
15mm

Fixing bracket size

AC100-277V Open wire connect guide

Black/Brown -L
White/Blue -N
Green -GND

L
N
PE
AC100-277V

DC24V uni-color with male and female connector wiring guide

AC100-277V

DC24V
LED power supply

Brown -V+
Blue -V-

Lead cable

2pin female   2pin male

DC out   DC in

【Attention】For maximum current the wire can withstand, it can be series connection 36pcs maximum in theory. But there is no such no big power supply in actual application. 60w power supply can take 1pcs 36w fixture.100w power supply can take 2pcs 36w fixtures.200w power supply can take 4pcs 36w fixtures.300w power supply can take 6pcs 36w fixtures.

## DC24V RGB/RGBW DMX fixture wiring diagram connection guide

Red   V +
Black   V -
Green-A/D+
Blue -B/D-
Yellow-Code address

TO DC24V
TO DMX512

Male plug In
Signal in

Female plug OUT
Signal OUT
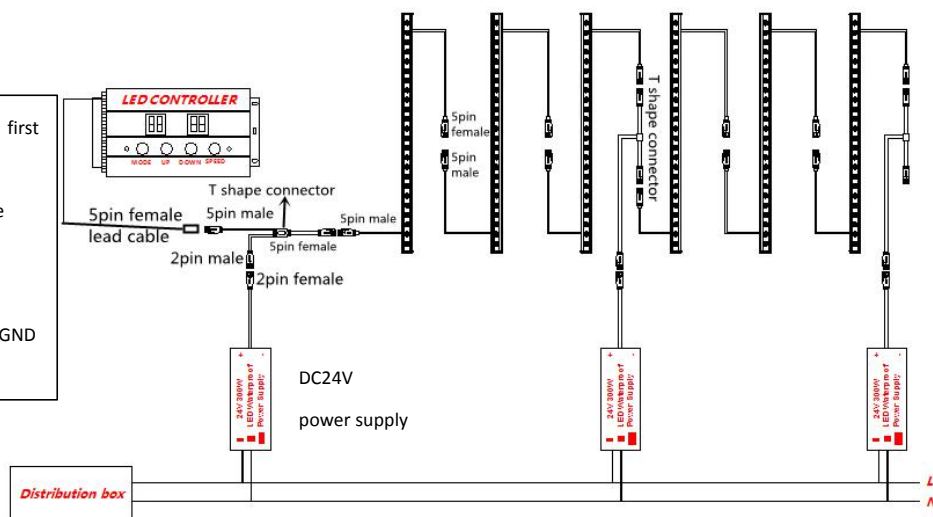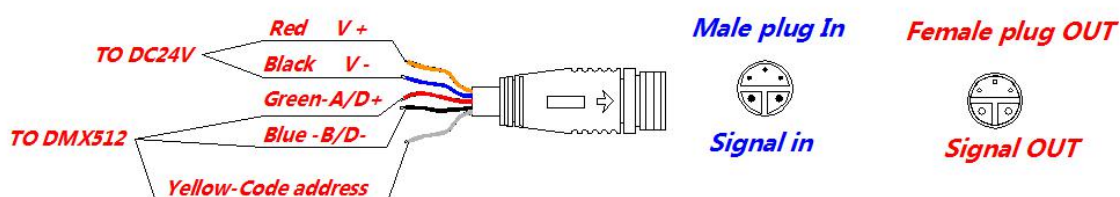
【Attention】For the first DMX fixture,
only need to connect the green wire with A
Blue wire with B
Yellow+Green wire with GND
to the DMX controller

LED CONTROLLER
MODE UP DOWN SPEED

5pin female
lead cable

5pin male

T shape connector

5pin male

5pin female

2pin male

2pin female

5pin female

5pin male

T shape connector

DC24V power supply

24V 300W LED Waterproof Power Supply

Distribution box

L
N

DMX fixture note

This DMX fixtures use UCS512DH chips, please use suitable DMX address setting machine which can support UCS512DH chips to write address. Please follow the above wiring diagram to connect DMX fixtures, so that their PI/PO works well. Connect conjoining fixtures together by connecting the male and female cord ends to each other, then turning clockwise until the connection is secured. To increase the distance between fixtures
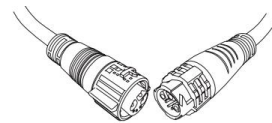
Ensure the last fixture in the series has a termination end cap attached to the tail wire (female end).