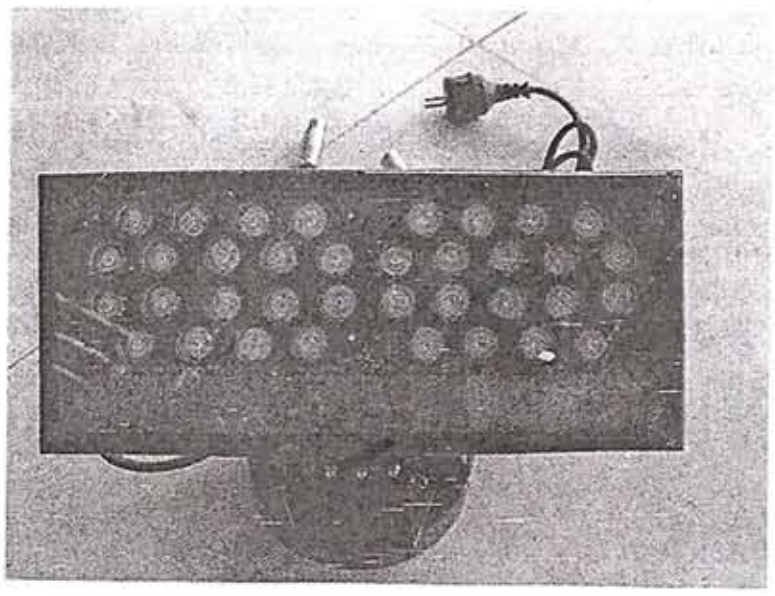
Outdoor 36 PCS LED WALL WASHER (high-consumption)

LW-320*130-WP-PC-120V/240V



Neo-Neon LW-320*130-WP-PC-120V/240V wall washer is illuminated by using LED RGB technology with 256 degree gray scale function.(feature). It is able to play synchronously through the intelligent controller; the unit is also friendly enough to work with user's own program if it is connected to a DMX controller. The housing is made of aluminum alloy and is totally sealed. In order to reach the most lighting effect, you may adjust the angle or position of the unit to meet your satisfaction.

Technical Parameters:

Color range: Different brightness of red, green & blue LED combined to produce 16,000,000 colors.
Light source: UBD LED (ultra bright LED)/ SB LED (super bright LED)
LED color, quantity: Red12, Green 12, Blue 12
Beam angle: 25°
Light spacing: 20M
Digital interface: Standard DMX compatible
Controlling system: DMX512 (controller with SRC-AI-100 protocol)
DMX address: Generated by digital pipeline
Shell material: aluminum alloy
Connecting mode: standard signal cord
Connector: 3-pin signal connector

Electrical specification:
Operating voltage: AC90-264V/12V
Operating current: Max.2A
Power consumption: 48Watts
Protection rating: IP65

Environmental specification
Operating temperature: -20°C - 40°C (using the industrial components)
Size: L320 X W145 X H225
Weight: 3900g

Color effects
Static display: static display of 16,000,000 colors by mixing colors
Flashing change: colors transition from high
Brightness to low brightness
Cross fade: colors alternate
Chasing change: colors chase one another
Flowing function: single color flowing regularly

Wanning:

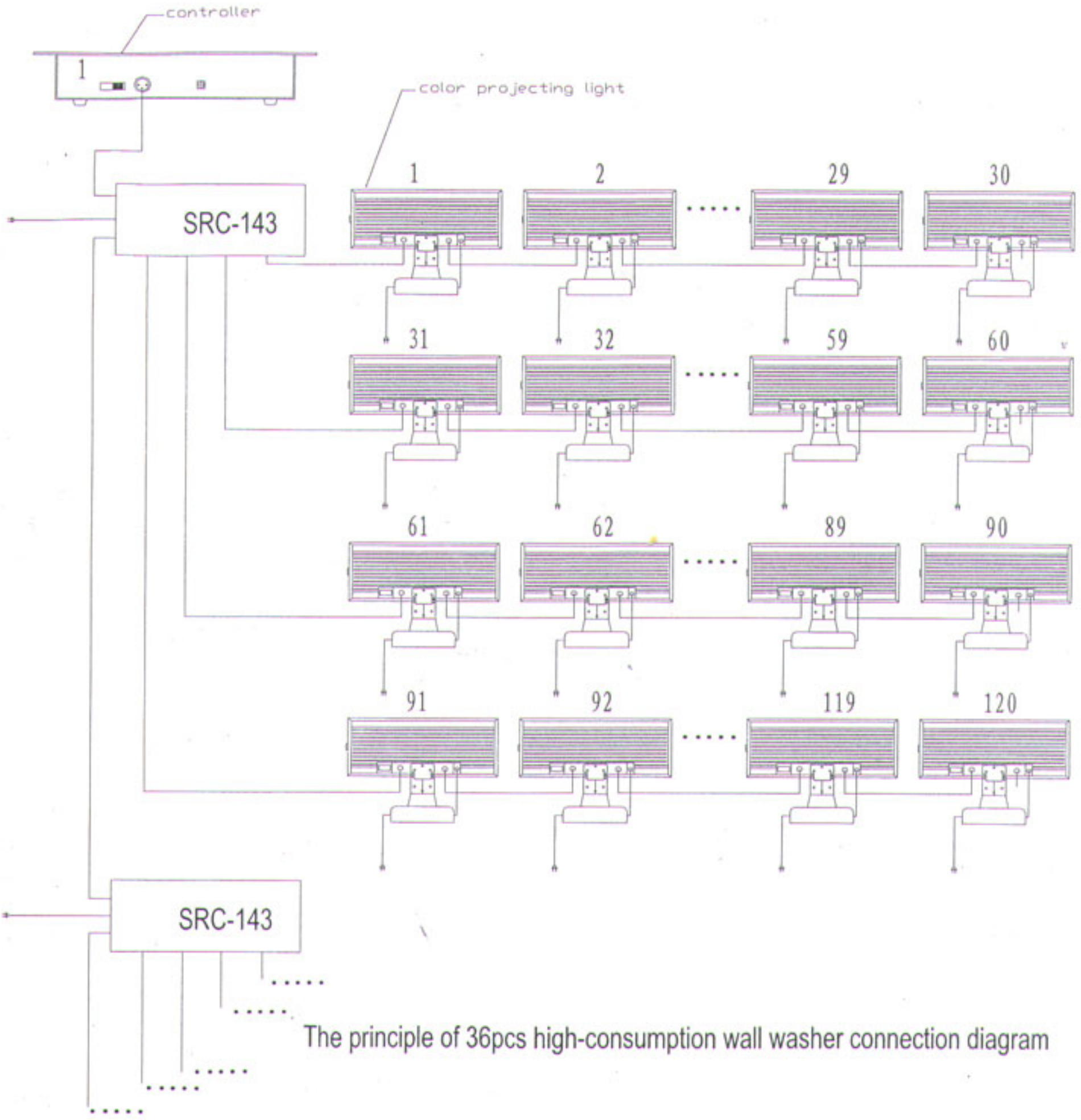
The installation of a product must be completed before the power plug inserts.

Please let technicians disassemble the lights for fixing and repairing.

Specifications are subject to changes without prior notice

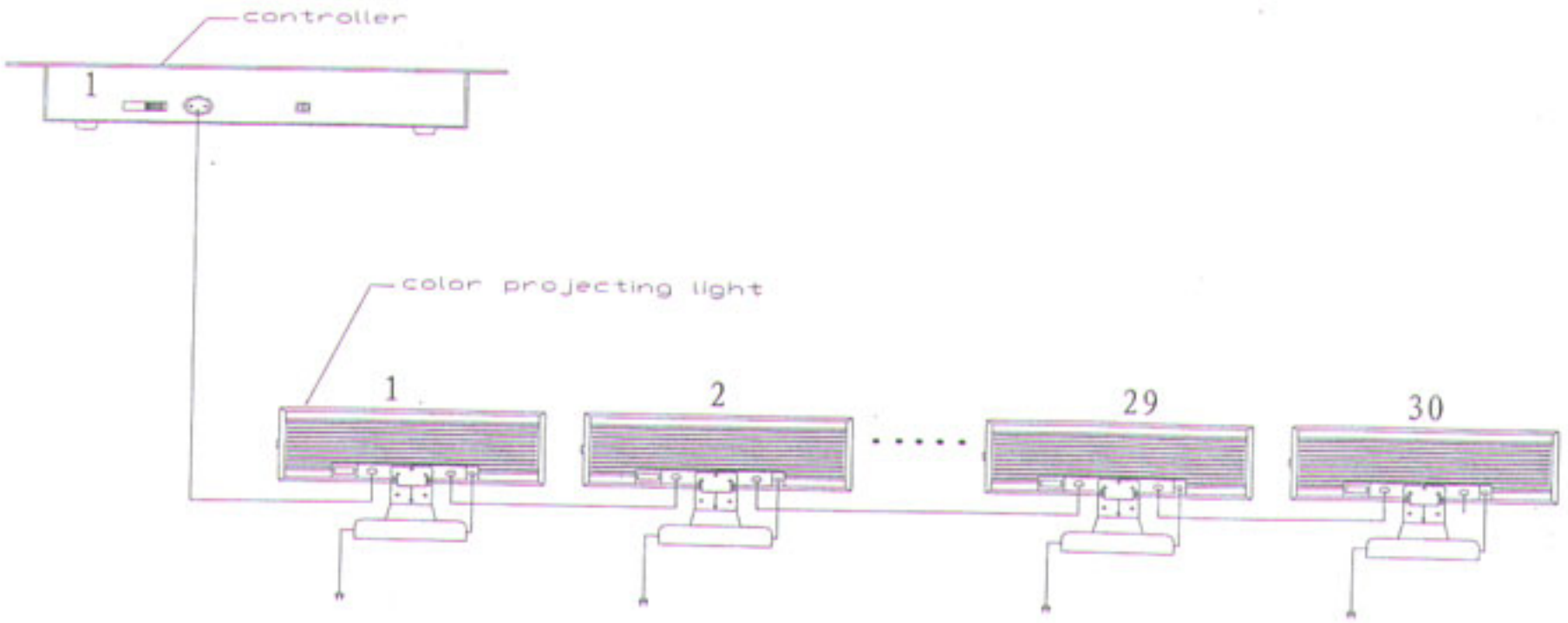
connection and size:

1: wiring:



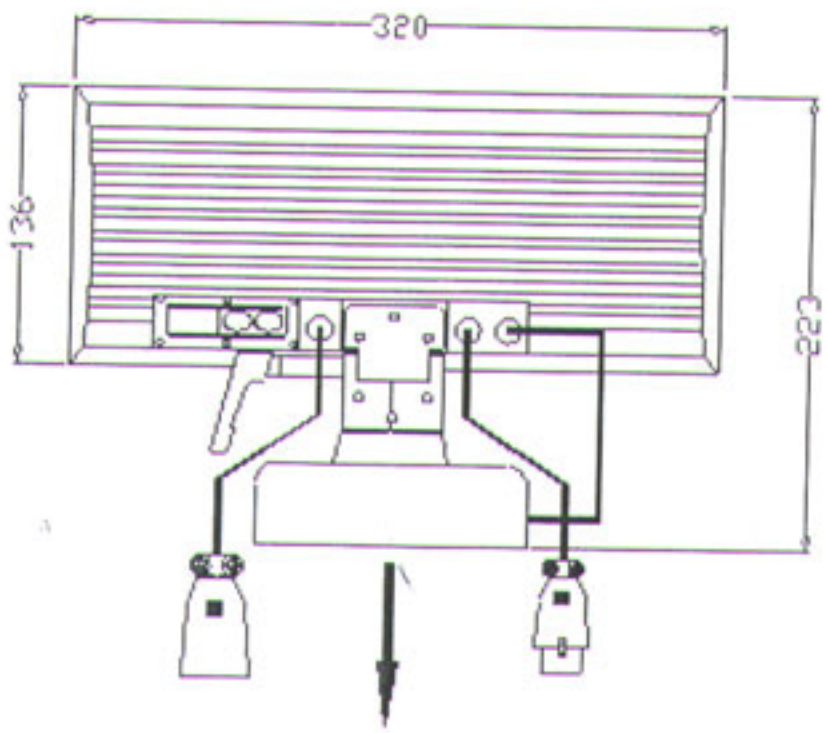
The principle of 36pcs high-consumption wall washer connection diagram

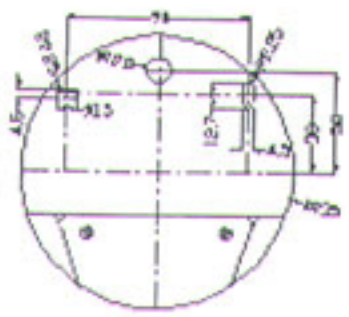
2: wiring:



The principle of 36 pcs high-consumption wall washer connection diagram

3：size：





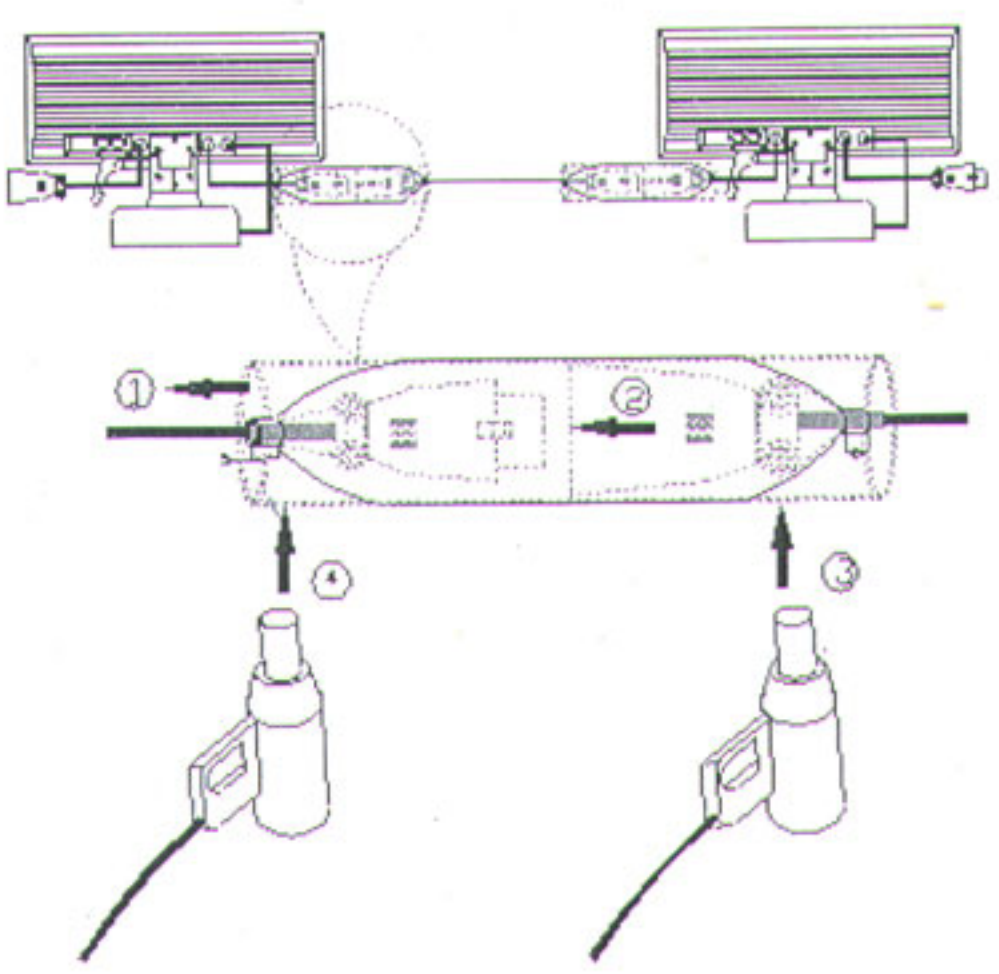
36pcs high-consumption LED wall washer(outdoor) installing diagram

Connection:

Connect the input connector of the first fixture to the output connector of the DMX console; connect the output connector of first fixture to the input connector of the second fixture; etc., as shown in following diagram.

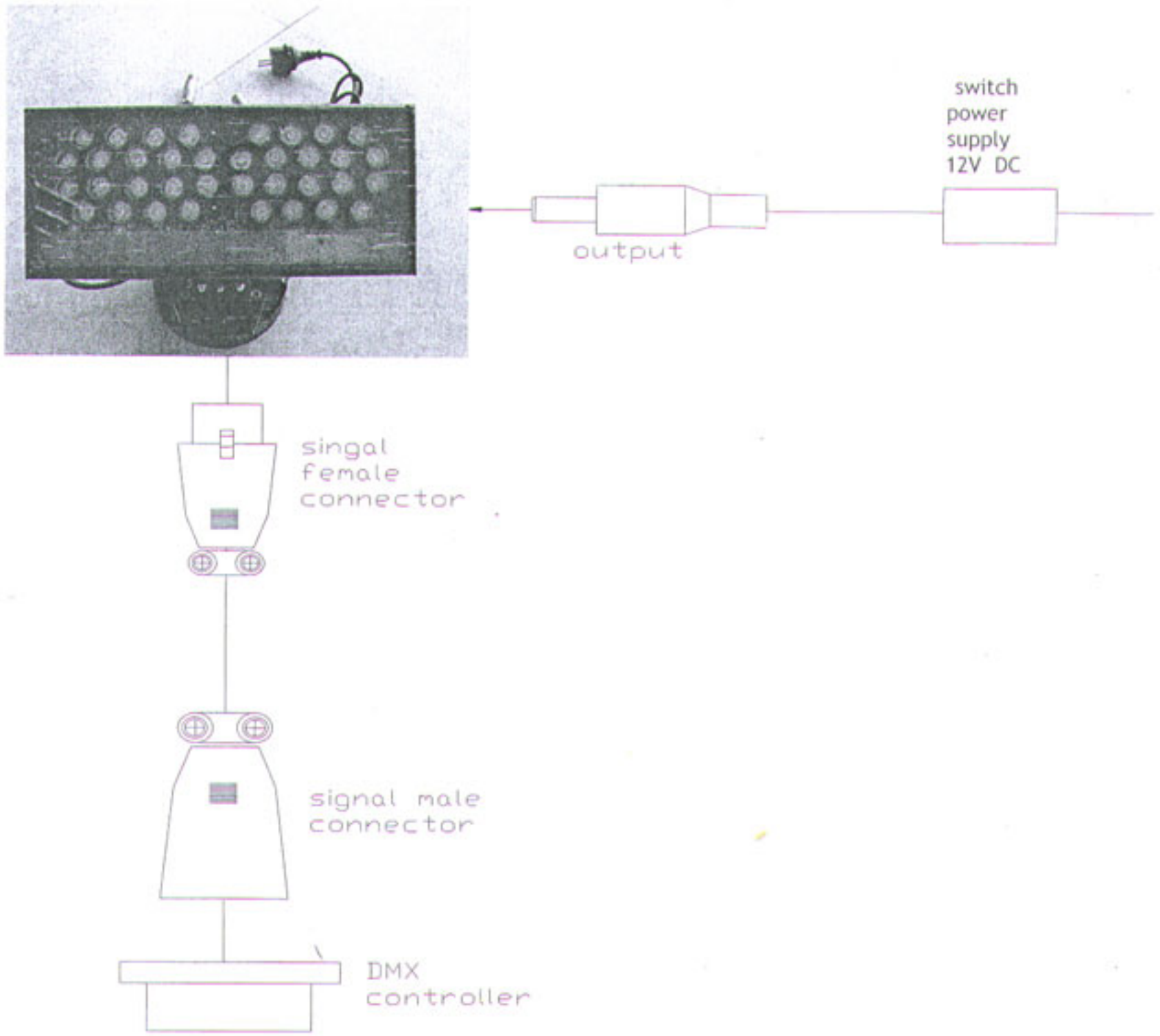
1) Put the output connector of the first fixture into a Φ20 thermal shrinking sleeve with glue inside. The end of the sleeve should be 5mm from the joint of the cable and the connector.
2) Put the input connector of the second fixture into the Φ20 thermal shrinking sleeve so as to connect it with the output connector of the first fixture.
3) Blow and shrink the sleeve ends with a hair drier so that the sleeve and the signal cable are tightly contacted for waterproof purpose.

The signal output connector of the last fixture (maximum 30 fixtures) of each series must be sealed with a Φ20 thermal shrinking sleeve and blow and shrink it with a hair drier for waterproof purpose.



LED wall washer connection diagram

4: wiring diagram:



Luminous distribution

60.1	70.4	83.4	104.0	117.7	124.3	108.6	90.3	74.9	63.7
76.2	97.5	155.1	248.6	314.0	308.4	240.2	153.3	129.1	77.6
101.9	163.6	320.6	593.5	751.4	684.1	473.8	265.4	149.5	94.4
136.4	269.2	629.9	1047.7	1242.0	1157.9	829.9	475.7	220.6	118.7
156.1	370.1	801.9	1255.1	1619.6	1535.5	1114.0	630.8	281.3	141.1
147.7	329.9	746.7	1205.6	1296.0	1528.9	1129.9	680.4	298.1	142.1
128.9	237.4	529.9	923.4	1203.7	1213.1	943.9	542.9	246.7	120.6
103.7	154.2	291.6	550.5	752.3	761.7	567.3	306.5	144.9	92.5
89.7	112.1	152.3	240.2	317.8	315.9	214.9	135.5	93.5	71.0
72.9	86.9	100.9	116.8	129.9	121.5	101.9	81.3	67.3	57.0

0.5 m　　0 m　　0.5 m

0.5 m

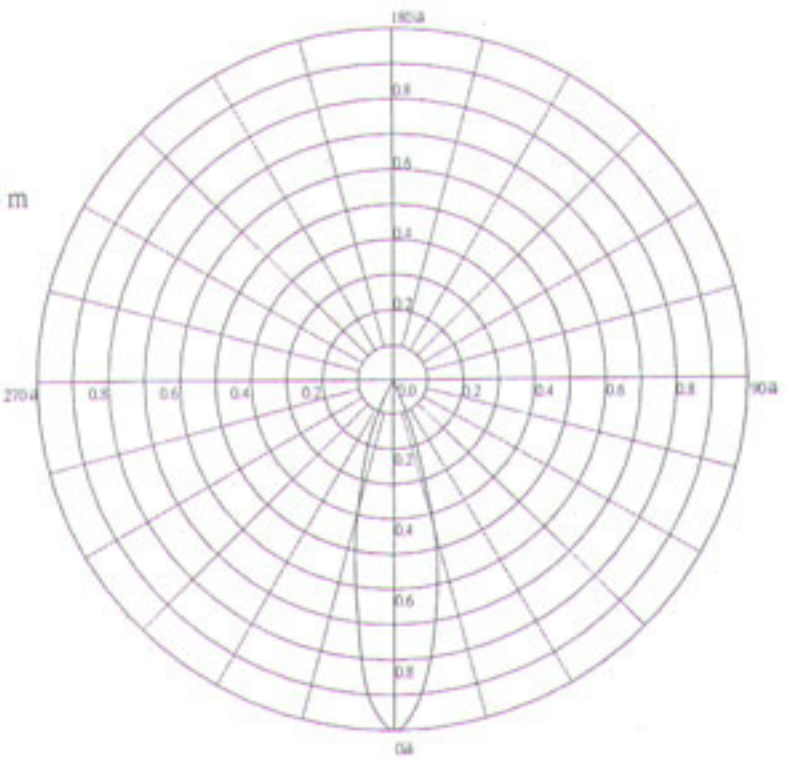
0 m

Unit:Lx
Color:white
Direction:main light axis
Testing distance:1 M
Mixed proportion:0.115 Red, 0.378 Green, 0.506 BLUE

SOURCE SPECIFICATIONS

Source: 36 LEDs
(12 Red, 12 Green, 12 Blue)

Lighting curve diagram(polar axis system)



Luminous intensity

Distance(m) / Color	1	2	3	4	5
white	1724.3	456.1	208.4	118.1	74.6
red	213.1	57.0	27.1	15.2	9.3
green	700.9	185.9	85.9	47.9	30.4
blue	937.4	242.9	110.3	62.4	40.4

Unit:Lx
Direction:main light axis

Testing condition
Installment position: horizontal positon
Testing panel: A-Apanel
Electricity parameters
Current: 0.253 A
Voltage: 220 V
Consumption: 35 W
Testing result
Max.Luminous intensity value: 1022.806 cd
Total light quantity:370.7 lm
Power source efficiency:11.029 lm/w
Light array angle:28°
remark:controlling voltage220 as the standard