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# User Manual of

## 16x3W 3IN1 LED Single-line Wash Light

### ILDW-7016156-00D-11



## Introduction

Containing the working modes of DMX, AUTO and MANUAL, ILDW-7016156-00D-11 is a single-line wash light with 16pcs of 3W 3IN1 LED which can be controlled by 8, 4, 2 and 1 sections, and the light emitted has the effects of color changing, dimming, strobe and dreamlike effect. This product is user-friendly with competitive price and significant effect which is suitable for various entertainment places and families.



Please read the instruction carefully before installing and save for future reference.

Caution:

Corrosive and deliquescent chemicals will damage the coating of outer casing.

The normal operating temperature must not exceed 40°C and the humidity is 0~95%. Otherwise, the lifespan of light will be affected.



**Indoor using**

**Cautions:**

Input voltage of the power supply should be in line with the rated voltage, a tolerance of  $\pm 10\%$  is permitted.

Make sure it's entirely grounded.

Do not take the light apart when there's problem, professionals should be asked for maintenance.



## Technical Parameters:

1. Power supply: AC90-264V 50Hz/60Hz

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2. Power: 50W
  3. Light Source: 16 pcs of 3W 3IN1 LED
  4. Functions: DMX, ANTO, MANUAL, MASTER/SLAVE, MEMORY
  5. DMX channel: 26
  6. IP rating: IP65
  7. Dimensions: L1000\*W82\*H135mm
  8. N/W: 5.0 KG

## Packing List

- ILDW-7016156-00D-11 16x3W 3IN1 LED single-line led wash-----1 unit
- Power cable-----1 piece
- DMX line-----1 piece
- User manual-----1 piece

## Panel:

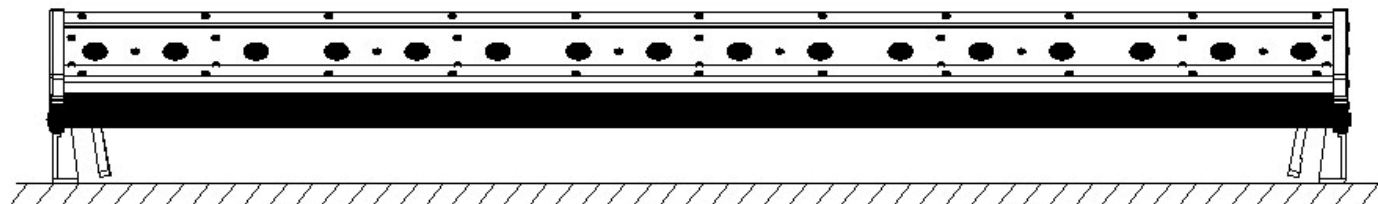
- 1、LCD display 2、touch switch UP 3、touch switch DOWN 4、safety clamp 5、DMX IN 6、power IN 7、power OUT 8、DMX OUT



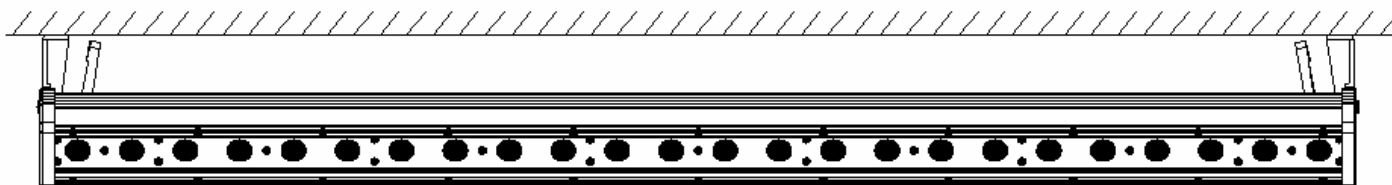
## Installation:

Installation way: the light can be installed on the ground horizontally. Please fix the hand-wheel and screws tightly for the sake of safety.

### a) Horizontal Installation



### b) Hanging Installation



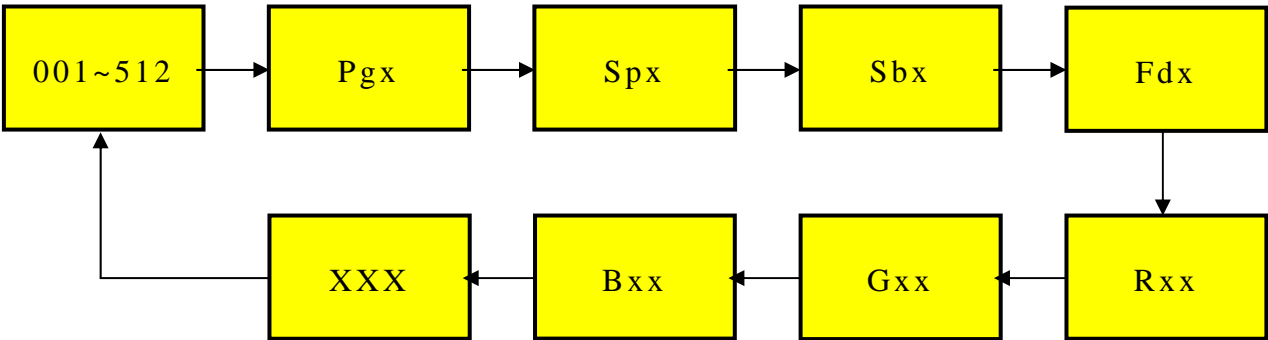
Functions:

I. Reset at powered up

The system initializes at power up enters the working mode of last time before turned off.

II. Menu and Display

Keep pressing UP or DOWN and the following menus switch automatically.



Explication:

- X is the numerical value of 0~9
- XX is the numerical value of 00~10
- XXX is the temperature of the light board

III. Slave Mode:

1. DMX mode and address setting:

Keep pressing MENU and the working mode will switch automatically. Stop pressing MENU when it switches to DMX and it enters the DMX mode, then the DMX address can be modified by pressing UP and DOWN; keep pressing UP and DOWN and the value can be change fast; the range of address setting is 001~512.

2. Functions of DMX Mode:

CH1	CH2	CH3	CH4	CH5	CH6~CH26
0~40 Black Out	NA	NA	NA	NA	NA
41~80 Dimmer	Flash	All Red	All Green	All Blue	NA
81~120 Dimmer	Flash	Red 1	Green 1	Blue 1	Red2,Green2,Blue2~Red8,Green8,Blue8
121~160Color Flash	Flash	Color	NA	NA	NA
201~240Color	Speed	NA	NA	NA	NA

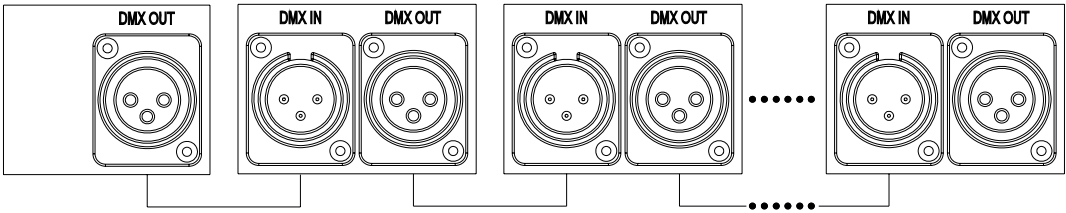
241~255 Dream Flow	Speed	Fade	0~29 Program1	NA	NA
			30~59 Program 2		
			60~89 Program 3		
			90~119 Program 4		
			120~149 Program 5		
			150~179 Program 6		
			180~209 Program 7		
			210~255 Program 8		

### 3. Definition for the pins of DMX socket:

Definition for the pins of male and female DMX sockets: Pin1 = Gnd Pin2 = Dmx- Pin3 = Dmx+

### 4.Connection way of DMX online mode is as follows:

#### DMX console

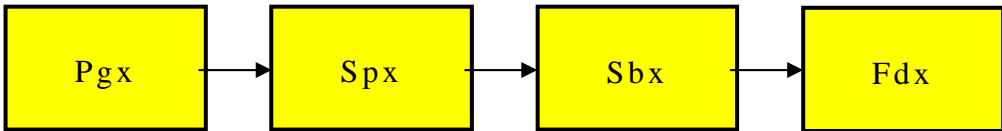


**Test for DMX online mode:** Connect the lights according to the way shown in the above drawing with 3-pin DMX cable; set each light to be DMX mode and unify the reception address(available range:001-512); the lights run synchronously when connected with DMX signal source.

## IV. Master mode

### 1. AUTO:

Keep pressing MENU and the working mode will switch automatically; Stop pressing MENU when it shows as the drawing below and it enters the AUTO mode, then the DMX address can be modified by pressing UP and DOWN.



#### Parameters:

**Pgx (1~9):** select internal program and there're 9 available.

**Spx (1~9):** select the running speed of internal program, and there're 9 gears of speed available; 01 is the slowest and 9 fastest.

**Sbx (0~9):** select strobe frequency for each step of the internal program.

**Fdx (0~9):** select the internal program to run the dreamy effect and there're 10 available; 01 runs the fastest and 9 runs the slowest.

**Notes:** parameters of strobe effect are superior to that of the dreamy effect; If Stb is not 0, then the program will run as per strobe effect but not dreamy effect even if Fad is not 0.

## 2.MANUAL:

Keep pressing MENU and the working mode will switch automatically; Stop pressing MENU when it shows as the drawing below and it enters the MANUAL mode, then the DMX address can be modified by pressing UP and DOWN.



**Rxx (00~10):** set brightness of red

**Gxx (00~10):** set brightness of green

**Bxx (00~10):** set brightness of blue

## 3. Display of Temperature:

Keep pressing MENU and the working mode will switch automatically; Stop pressing MENU when it shows as the drawing below and it shows the temperature.

**XXX** is the current temperature of the light board.



**4. MASTER/SLAVE:** The slave can run synchronously under DMX mode when the master is under AUTO or MANUAL mode.

## Elimination of Common Malfunctions: :

malfunctions	items need to be examined	Measures
Light doesn't work	1.Check to see if the input voltage is suitable; 2. Check to see if the fuse burns out;	1.Confirm the input voltage is in line with the required voltage of light; 2.replace with fuse of same specification
LED is dim	1. Check to see if the input voltage is suitable	1.Confirm the input voltage is in line with the required voltage of light;
DMX doesn't incept signals	1. Check to see if the connection for the electrodes of DMX signal is correct; 2. Check to see if the working mode is DMX	1. Correct the electrodes of DMX signal. 2. Set it to be DMX mode.