



USER MANUAL

LED Digital Panel Light

RECTANGLE WW(DX)



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1、 Technical Parameter

Input Voltage: 220V AC 60Hz

Consumption: 330W

Light source: 3W LED 108pcs, cool white LED 72pcs, warm white LED 36pcs

Beam Angle: 90°

Whirling Angle: 0-45°

Color Temperature: 3200-5600K

Color Rendering: ≥85

Control Mode: DMX512/master/slave mode

Dimmer: 0-100%

DMX Input signal: XLR 3- Pin (In & Out)

Protection Grade: IP32

Net weight: 15Kg

Noise: 48DB(1m distance)

Outward Dimension: 580×586×135mm

Decorative ceiling Dimension: 600×600mm

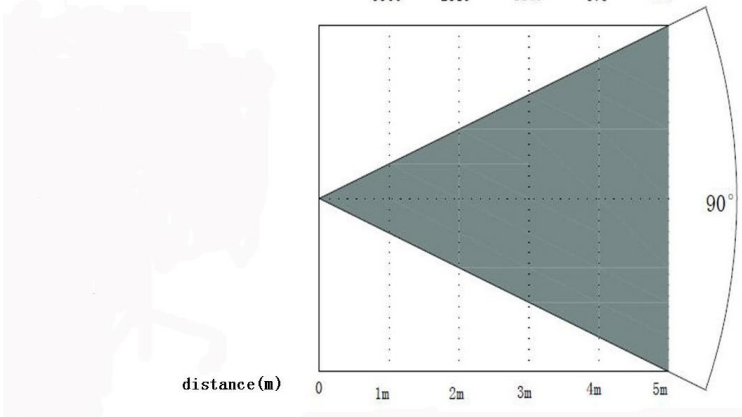
Mounting frame hanging ring Dimension: 571×592mm

Light Body Hang Hole Dimension: 507×513

Working Temperature: -20~40°C

2、 Intensity of Illumination

	Warm white	3000	727	358	212	148
Center illumination (Lux)	Cool white	6740	1588	784	465	322
	Brightness	9900	2310	1145	676	470



3、 Safety Warn

Notice::

- Professional person required to install and maintain this fixture
- Strict inspection is done before the fixture finished
- User's has to obey the safety and notice guide。
- Hanging fixing mechanism must be able to afford the ability to ten times the weight of the hanging lamps
- Lighting operation, do not allow your hands or other objects into his body and within the framework of rotating light。
- Avoid intense shock and collision , lamps emitting surface must be vertical down,
- Activity light body minimum work area height is 340mm。
- Supplier won't afford the accidents and losses that don't operate the fixture according to the operation guide and rigger it without permission

Important Notice:

- Make sure the power supply within the standard data range.
- The fixture's DMX512 connection line can't connect to any other fixtures.
- Make sure the fixture is appropriately earthed before use this fixture safely.
- To make sure the safety and operation, Yellow-green wire is earthed line, pleasure select the quality qualified power socket or cut off the plugs connect switch directly.
- To avoid the hard collision when installation, use and move the fixture.
- Before light powered, lighting fixtures must be perpendicular to the surface downwards,drops below the lamp body must be no other

obstacles.

- The fixture will occur flash when the lamp lighting ,It is a normal phenomenon reset does not affect the normal operation of lamps and Use

4、 Installation

There are three installation ways for customers to install as their own actual situation noted in reference selection

Notice: According to " down-dip side " signs to determine the direction of the surface light lamp body activities。

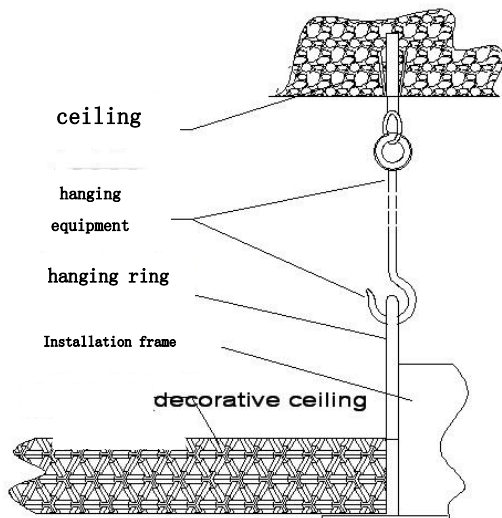
- Method 1

Hanging mounting frame, embedded placed lamp body

① First referring to decorate the ceiling opening size, Openings in the decoration ceiling.

② On the corners of the frame with four hang rings, for hang installation used。Picture 9just for references。Specific installation by the customer's own choice of methods and materials hanging, first make sure the ring size mounting frame hanging on the ceiling / roof (Refer chart2) install hanging equipment, selection of reference materials: iron wire、rope、sub-chains、screw hooks。

③ The address code of lights set into the body within the framework of the installation



Picture 9

● Method 2

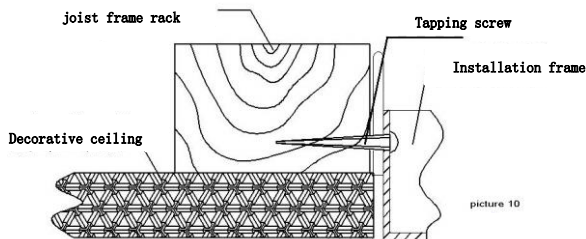
Fixed install light body on joist frame rack with screws by embedded method

① joist frame rack must be strong enough to withstand 10 times of the light weight, also easy to install
Refer chart 10 installation method.

② Refer chart 2 decorative ceiling opening size, Openings in the ceiling decoration

③ There is 3pcs $\phi 4.5$ hole on the 4 side of installation frame, use M4 \times 35 Self-tapping screws fix the installation frame on ceiling by this hole!

④ The address code of lights set into the body within the framework of the installation



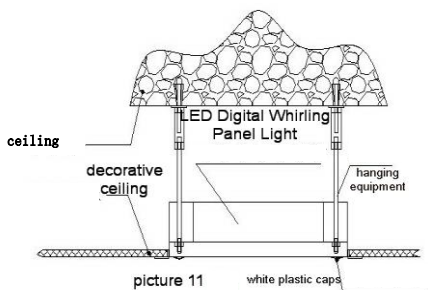
picture 10

● Method 3

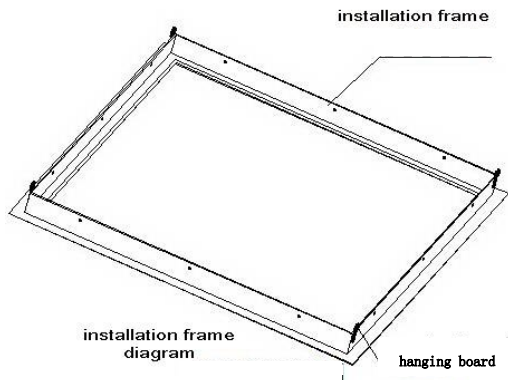
Hang lamp directly

① This method suitable for the customers to open hole in decorative ceiling hardly! Especially the decorative ceiling is Gypsum board, and Installation of decorative is not removable ② There are 4 holes on the 4 corners of lamp, used for hang lamp! Please refer chart2, lamp hang size to install the hanging equipment.

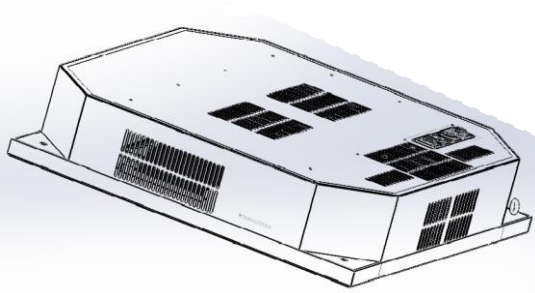
③ take down four white plastic caps of the front of the lamp body , hang the lamp . Hanging pieces chosen by the customer , can be wire, rope , through the screw and hooks.



● Installation Frame Diagram



● The Whole LED Fixture Diagram



5、 Power and Control Signal Connection



Three-pin XLR wiring: 1pin connect signal 地, 2pin connect signal 1, 3pin connect signal 10, Male input; female output. As shown in Figure:

2、 DMX signal transmission suitably shielded twisted pair ; Transmission distance is suitable within 300 meters, Long-distance transmission signal amplifier should be added to the middle; A signal output interface can connect up to 32 devices.

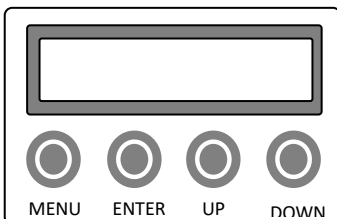
3、 A signal transmission line is connected in parallel mode, All lamps are connected in parallel on a bus, one bus just could have one signal transmission.

4、 Suggest on each end of the signal transmission line connecting the last signal output socket on the device with a terminal plug. Terminal is inserted in a male plug welding between 2 and 3 feet of a 120 Ω / 1 w resistor plug. Its action to reduce because of the control signal cable end open reflection wave interference

5、 Even machines used lengthen cable could order as requirements, each 2.5m

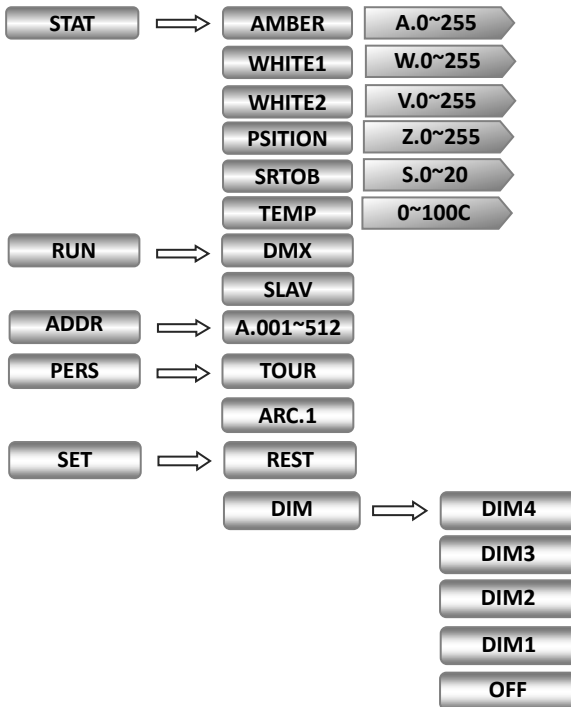
6、 Operation method

6.1 Press key operation

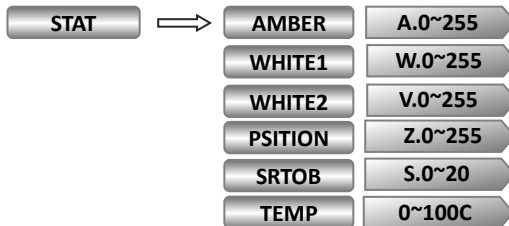


- ENTER : enter the next layer function menu, and save or confirmation, Functional data set value.
- UP : selection menu, to data on the regulation of circulation value
- DOWN : select sub-menu, down regulation of circulation data values;
- MENU : return to the previous menu.

6.2 Menu



6.3 Static settings - STAT



◇ In the [STAT] menu, press the [ENTER] into static operation set;

◇ Press[ENTER]Cycle choose warm white [AMBER]、[WHITE1]、[WHITE2]、press[UP]/[DOWN]Adjustment and setting up the brightness data ; choose[STROB]Adjust and set the stroboscopic frequency 0~20Hz ; [XXXC]The lamp body temperature monitoring ;

◇press [MENU] key to return to main menu, automatically save

6.4 DMX512 address code set - ADDR

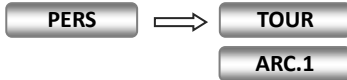


◇ in the [ADDR] menu, press the [ENTER] key to DMX512 address code setting operation;

◇ press the [UP]/[DOWN] key in the [001-512] select the DMX address code;

◇ press the [MENU] key to return to main menu, and automatically save the address code data.

6.5 DMX512 channel mode choose - PERS

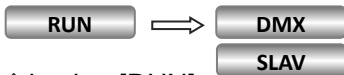


◇ in the [PERS] menu, press the [ENTER] key to enter the DMX512 channel model;

◇ Press [UP]/[DOWN], switch between [TOUR] and [ARC1] mode;

◇ press the [MENU] key to return to main menu, and automatically save channel mode.

6.6 Selection of master-slave mode - RUN

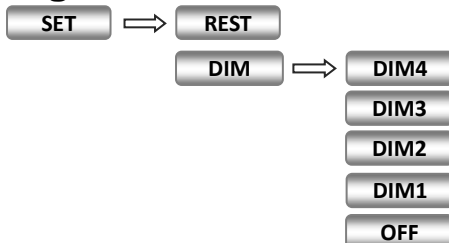


◇ in the [RUN] menu, press the [ENTER] key to enter the master-slave operation mode selection setting;

◇ press the [UP]/[DOWN] key to select [DMX] host, [SLAV] reserved mode;

◇ press the [MENU] key to return to main menu, and automatically save operation mode selection

6.7 light fixture set – SET



◇ in the [SET] menu, press the [ENTER] key to light set;

- ◇ elect setting list by pressing the [UP]/[DOWN] key
- ◇ press the [ENTER] key under [REST], the system automatically restore factory parameters, press [MENU] key to return to main menu
 - ◇ nonlinear [DIM] dimming speed adjusting and setting, each parameter was selected by [UP]/[DOWN], [OFF] for the normal linear dimming speed, [DIM1] speed of 1, [DIM2] speed of 2, [DIM3] speed of 3, [DIM4] speed of 4, from DIM1 to DIM4, in turn reduce speed.

7、DMX512 Channels Control Mode

TOUR mode:

Chan nel No.	Chann el Value	Command Function	
1	0~255	Brightness 0~100%	
2	0~255	Cool white brightness 0~100%	
3	0~255	Cool white brightness 0~100%	
4	0~255	Warm white Brightness0~100%	
5	0~255	Lamp holder whirling0~45°	

ARC1 mode:

Chan nel No.	Chann el Value	Command Function	
1	0~255	Cool white brightness 0~100%	
2	0~255	Cool white brightness 0~100%	
3	0~255	Warm white Brightness0~100%	



CE RoHS



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