

®
NICOLSI
Lighting Effect



PROFILED 50

User Guide

1. SAFETY INSTRUCTIONS

Please read carefully the instruction, which includes important information about the installation, usage and maintenance.

Please keep this User Guide for future consultation. If you sell the unit to another user, be sure that they also receive this instruction manual.

Important:

Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems.

- Unpack and check carefully that there is no transportation damage before using the unit.
- The unit is for indoor use only. Use only in a dry location.
- DO install and operate by qualified operator.
- DO NOT allow children to operate the fixture.
- Use safety chain when fixing the unit. Handle the unit by carrying its base instead of head only.
- The unit must be installed in a location with adequate ventilation, at least 50cm from adjacent surfaces.
- Be sure that no ventilation slots are blocked, otherwise the unit will be overheated.
- Before operating, ensure that the voltage and frequency of power supply match the power requirements of the unit.
- It's important to ground the yellow/green conductor to earth in order to avoid electric shock.
- Maximum ambient temperature T_a : 40°C. DO NOT operate it when the temperature is higher.
- DO NOT connect the device to any dimmer pack.
- During initial start-up some smoke or smell may arise. This is a normal process and does not necessarily mean that the device is defective, and it will decrease gradually within 15 minutes.
- Make sure there are no flammable materials close to the unit while operating to avoid fire hazard.
- Examine the power wires carefully, replace them immediately if there is any damage.
- Avoid any inflammable liquids, water or metal objects entering the unit. Once it happens, cut off the mains power immediately.
- DO NOT operate in dirty or dusty environment, do clean fixtures regularly.
- DO NOT touch any wire during operation as there might be a hazard of electric shock.
- Avoid power wires together twist other cables.
- Disconnect mains power before fuse/lamp replacement or servicing.
- In the event of serious operating problem, stop using the unit immediately.
- Never turn on and off the unit time after time.
- DO NOT open the unit as there are no user serviceable parts inside.
- Never try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center if needed.
- Disconnect the mains power if the fixture is has not been used for a long time.
- DO use the original packing materials before transporting it again.

Caution :

- To prevent or reduce the risk of electrical shock or fire, do not expose the unit to rain or moisture.
- DO NOT look directly at the light while the bulb is on.
- Never touch bulb with bare fingers, as it is very hot after using.
- DO NOT start on the unit without bulb enclosure or when housing is damaged.

Installation :

The unit should be mounted by its screw holes on the bracket. Always ensure that the unit is firmly fixed to avoid vibration and slipping while operating. The structure to which you are attaching the unit should be able to support 10 times the weight of the unit. Also always use a safety cable that can hold 12 times the weight of the unit when installing the fixture. The equipment must be fixed by professionals.

Accessories :

The accessories below were packed with product, please check if they are once open the package.

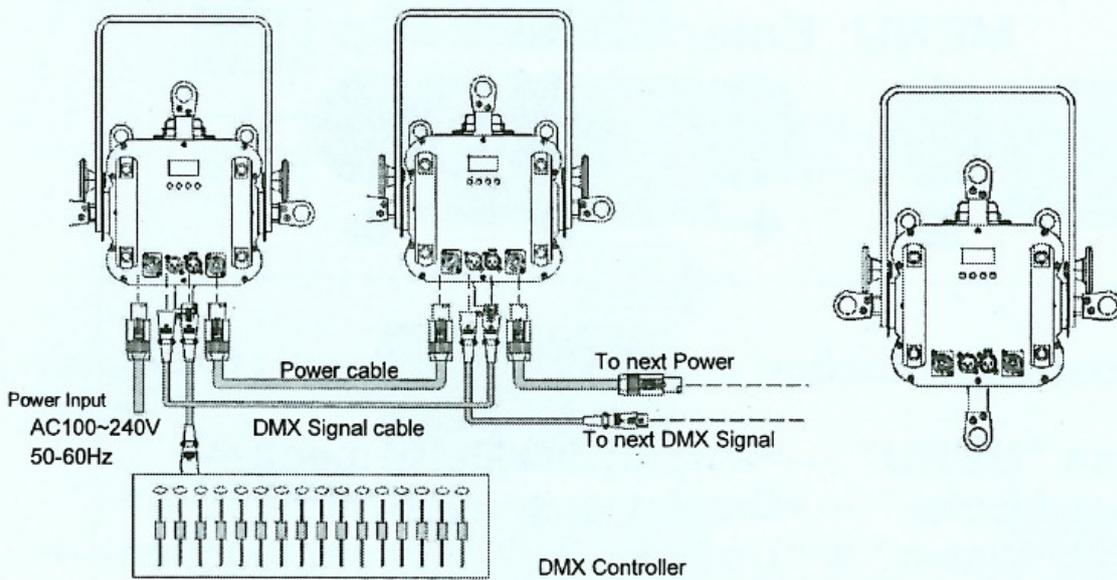
Power cable: 1PC
User Manual: 1 PC

2. TECHNICAL SPECIFICATIONS

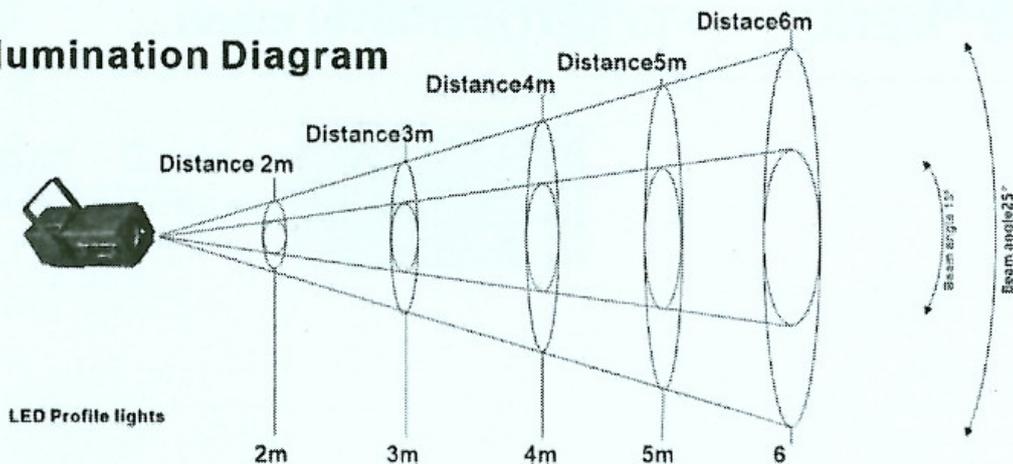
50W LED profile spotlight

- * Light Sources : 1X50W white COB LED (3200K)
- * Lumens : 13200LUX@1M (13°) / 5960LUX@1M (25°)
- * DMX Channels : 3
- * Operation Modes : AUTO,DMX, Master/Slave
- * Dimmer : 0-100% / strobe
- * Consumption : 60W Max
- * Beam angle : 13° à 25°
- * Voltage : AC 90-260V, 50/60Hz
- * Dimensions : 350x 180 x 160 mm
- * Weight : 3,5 kg

3. WIRING DIAGRAM

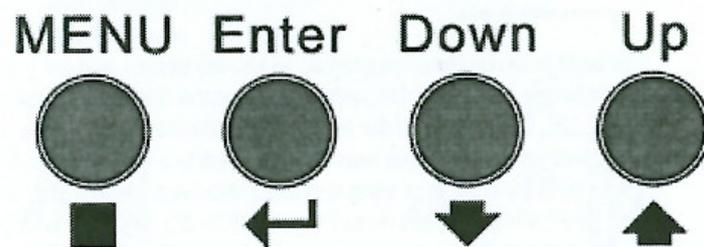
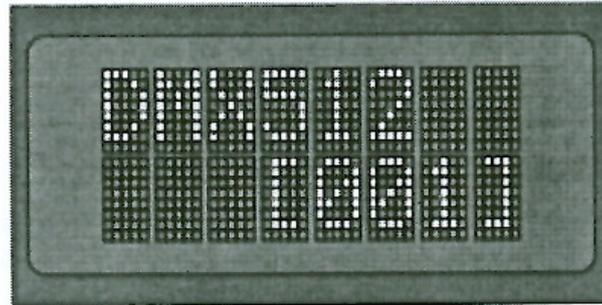


4. Illumination Diagram



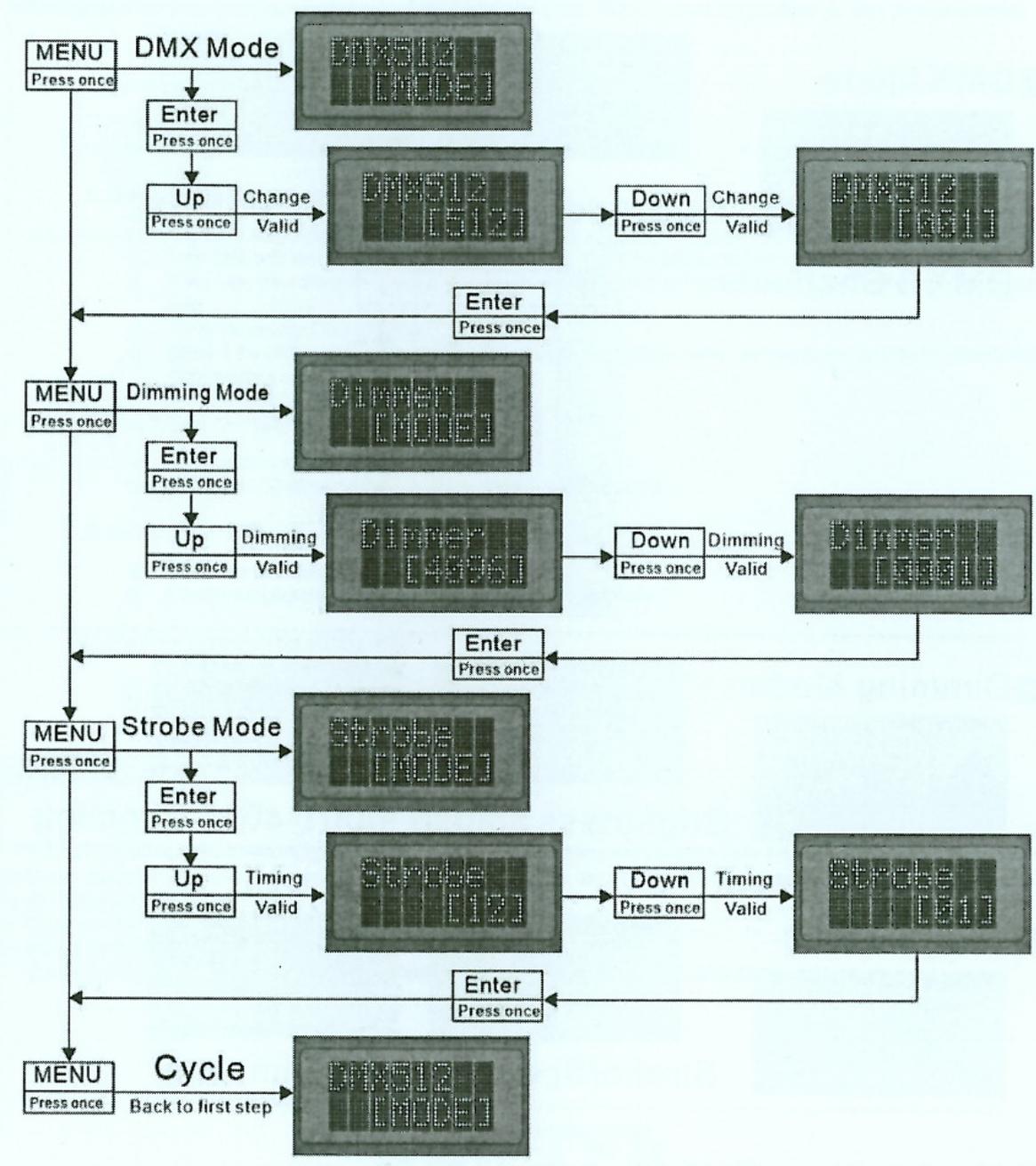
Illumination Center/Lux	1400	820	508	345	234	Beam angle 13°
Beam Diameter/cm	75	110	125	160	225	
Illumination Center/Lux	685	400	295	230	158	Beam angle 25°
Beam Diameter/cm	115	150	180	215	278	

5. CONTROL PANEL



- Adjust keys function on panel
- Press "MENU" --->Display first-level menu--->
Press "Enter" --->Display second-level menu--->
Press "Down" & "Up" to adjust relevant function--->
Press "Enter" and "MENU" to quit current menu--->
Press "MENU" --->To next first-level menu...

6. MENU



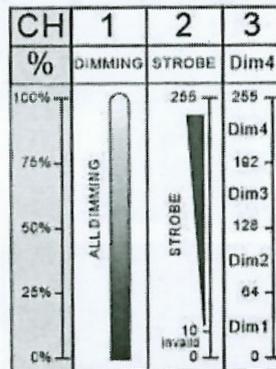
7. FONCTION

■ DMX Mode



DMX Address Allocation: 001-512

DMX 3 Channels

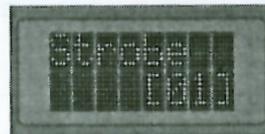


■ Dimming Mode



Brightness adjust: 0001-4096 Dimming

■ Strobe Mode



Strobe/Speed : 01-12 Dimming

■ Master/Slave Setting:

- 1, Master: Dimming Mode/ Strobe Mode
- 2, All Salves: DMX001 (as below)



8. TROUBLESHOOTING

Following are a few common problems that may occur during operation. Here are some suggestions for easy troubleshooting:

A. The fixture does not work, no light

- a) Check the connexion of power and main fuse.
- b) Measure the mains voltage on the main connector.

B. Not responding to DMX controller

- a) DMX LED should be on. If not, check DMX connectors, cables to see if link properly.
- b) If the DMX LED is on and no response to the channel, check the address settings and DMX polarity.
- c) If you have intermittent DMX signal problems, check the pins on connectors or on PCB of the fixture or the previous one.
- d) Try to use another DMX controller.
- e) Check if the DMX cables run near or run alongside to high voltage cables that may cause damage or interference to DMX interface circuit.

C. Some fixtures don't respond to the easy controller

- a) You may have a break in the DMX cabling.
- b) Check the LED for the response of the master/ slave mode signal.

D. No response to the sound

- a) Make sure the fixture does not receive DMX signal.
- b) Check microphone to see if it is good by tapping the microphone.

E. One of the channels is not working well

- a) The stepper motor might be damaged or the cable connected to the PCB is broken.
- b) The motor's drive IC on the PCB might be out of condition.

8. MAINTENANCE AND CLEANING

The cleaning of internal and external optical lenses and/or mirrors must be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates: damp, smoky or particularly dirty surrounding can cause greater accumulation of dirt on the unit's optics.

- Clean with soft cloth and use normal glass to clean fluid.
- Always dry the parts carefully.
- Clean the external optics at least every 20 days. Clean the internal optics at least every 30/60 days.



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