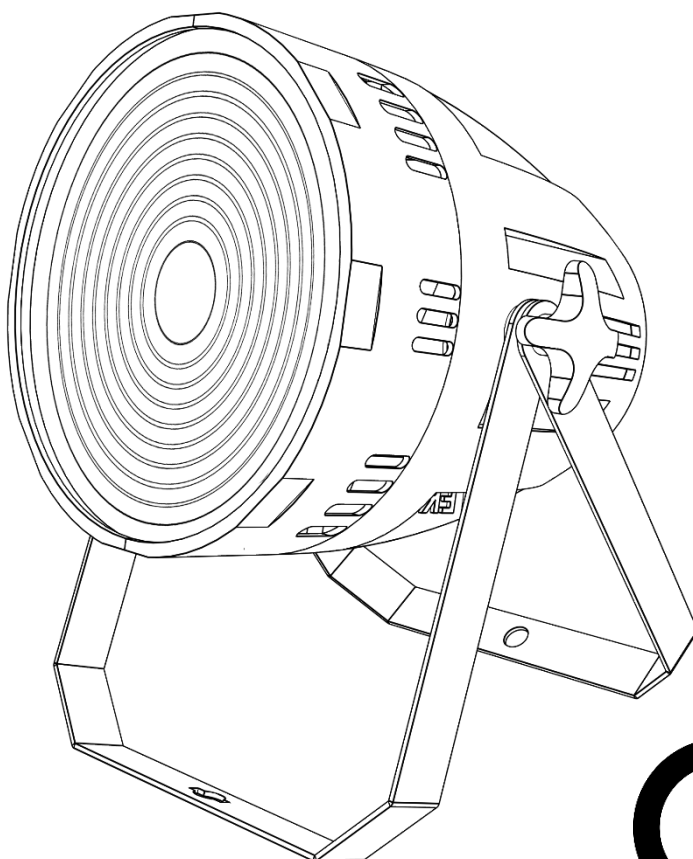


## USER GUIDE FOR LED PAR FRESNEL LIGHT



Applicable Models:

LEKSUN F100 T/D/ BC - 100W

T – Tungsten 3200K

D – Daylight 5600K

BC – Bi-Colour 3200K ~ 5600K

User manual V 1.0

Leksa Lighting® all rights reserved. Information, Specifications, Images and Instructions given in the document herein subject to change without further notice. Leksa Lighting Logo, Data and Indicated product names, Model nos herein the trade marks of Leksa Lighting.

You may connect to below contact for your queries:



Leksa Lighting Technologies Pvt. Ltd

Ashwathpura Road, Mangalore – 574227, India

✉ [biz@leksalighting.com](mailto:biz@leksalighting.com) 🌐 [www.leksalighting.com](http://www.leksalighting.com)



+91-7899 – 543210

For Quality and Service support reach us @ [quality@leksalighting.com](mailto:quality@leksalighting.com)

### **Important Notice:**

There are no user serviceable parts inside the fixture. Do not attempt any repairs yourself; doing so will cease the manufacturing warranty and such acts will void the manufacturer warranty claims.

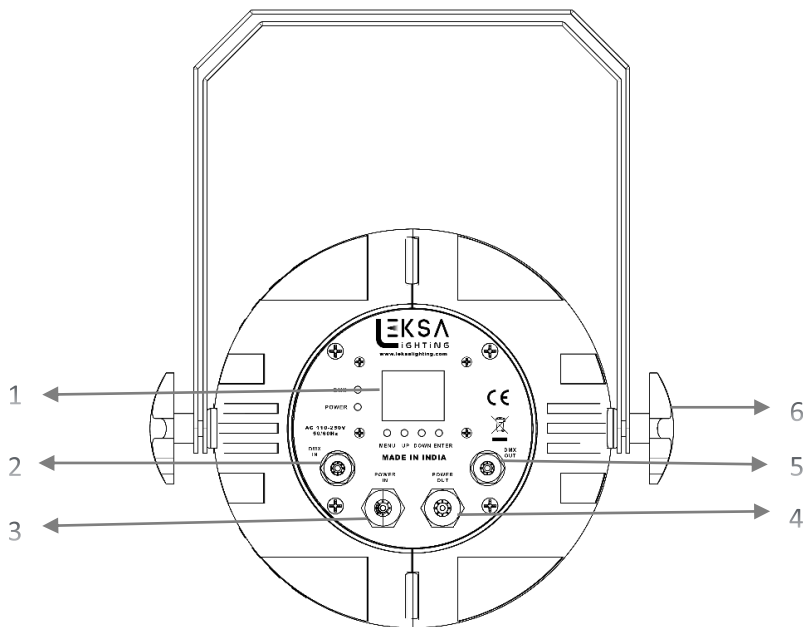
- Warranty claims to be reported to the above referred email ID's with the product SI Nos.
- Warranty will not be extended on the glass and breakable items like lenses etc.
- Product warranty does not cover the physical damages, breakages etc.
- Product warranty ceases if the product is not used as per manufacturer instructions.
- Product warranty is limited to the functional aspects of the fixture.
- Repair or Replacement is depend on the variance of complaint subject to manufacturer decision.

## Instructions:

This Product is IP20 rated. For proper operation, follow the **Installation guidelines described in this manual. Only qualified and** certified personnel should perform the installation and only the original rigging parts (brackets, holders, clamps, safety cables) included with this fixture should be used for installation. Any modifications will void the original manufactures warranty and increase the risk of damage and/or personal injury.

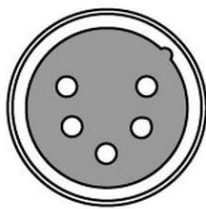
- Never look directly into the light source to prevent risk of injury to your retina, which may induce blindness. Those suffering from EPILEPSY should avoid looking directly into the light source of this unit at all times.
- The fan and air inlets must remain clean and never blocked. Allow approx. 6" (15cm) between this fixture and other devices or a wall for proper cooling.
- Always disconnect from main power source before performing any type of service and/or cleaning procedure. Only handle the power cord by the plug end, never pull by tugging the wire portion of the cord.
- Do NOT operate fixture if the power cord has become frayed, crimped and/or damaged. If the power cord is damaged, replace it immediately with a new one of similar power rating.
- Do NOT operate fixture near any flammable materials.
- Do NOT operate fixture in dusty environments.
- Fixture is IP20 rated and should be operated at the dry spaces. Fixture may get damaged to moistures and wet environments.
- This fixture has a inbuilt signal dimming system. Do NOT connect this fixtures for external dimmer packs.
- We urge you to ensure proper mechanical fitments of clamps and a usage of safety chains while suspending from the top.

### FIXTURE OVERVIEW:



1	LCD Display	2	DmX In	3	Power In
4	Power Out	5	DmX Out	6	Knob

DmX Input  
5 Pin XLR Socket



DmX Output  
5 Pin XLR Socket



- 1: Ground
- 2: Data (-)
- 3: Data (+)
- 4: Open
- 5: Open

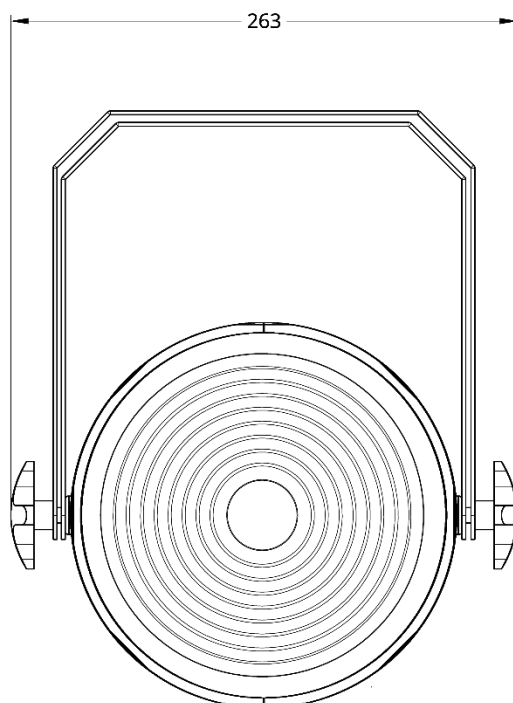
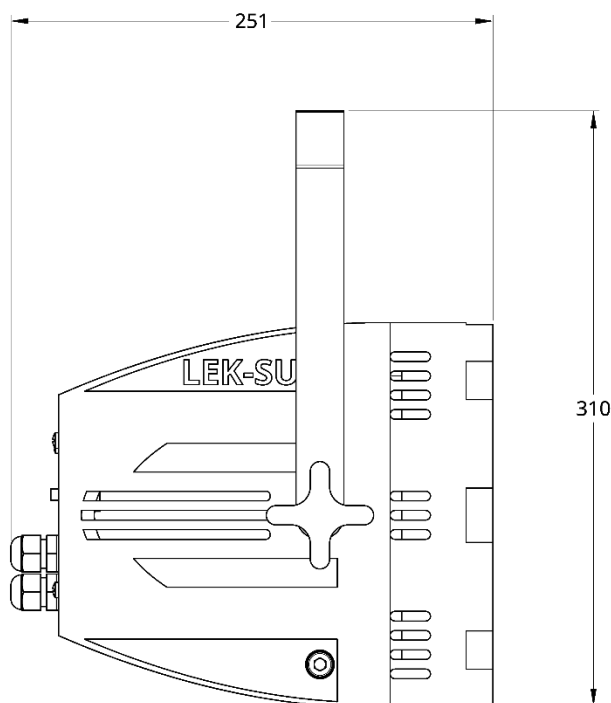
#### Note:

- DmX 512 Signal looping can be done from One fixture to other.
- Maximum 25 to 30 Fixtures can be taken in a single loop provided the distance is within short range.
- No Y Split is allowed for DmX looping.
- DmX last open end to be terminated with a 120 Ohm Resistor termination plug.

## FIXTURE DETAILS:

Type of Fixture	:	LED PAR Fresnel Light
Lamp Source	:	Light Emitting Diode (LED)Power
Consumptions	:	LEKSUN F100 T/D/ BC -100W
Control Modes	:	Manual Dimming/ DMX Dimming
Power Chord	:	Neutrik Power In & Loop
DmX Interface	:	5 Pin (Std), 3 Pin (Custom)
Dimensions	:	

## 100W & 200W PAR Fresnel Light:



### FIXTURE OPERATION:

- Unbox the fixture and connect Power Neutrik inlet connector to the fixture to power UP.
- There are 4 Switches – **Menu Up Down Enter**

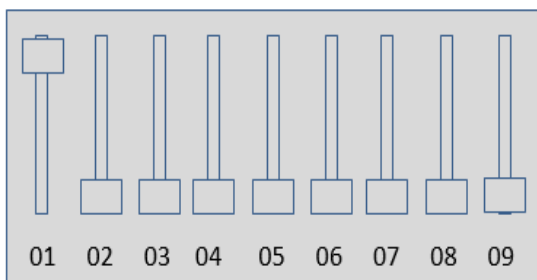
Main menu		TOO
DMX - Addr	512	
Rotary - ADJ	-->	
Key - ADJ	-->	
DMX Keep	OFF	
Display Rotate	OFF	
PW	<input type="text"/>	0%

**Display 1**

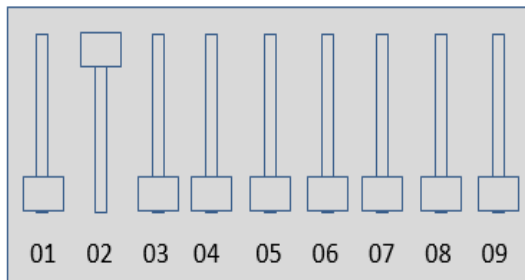
Main menu		TOO
DMX - Addr	512	
Rotary - ADJ	-->	
Key - ADJ	-->	
DMX Keep	OFF	
Display Rotate	OFF	
PW	<input type="text"/>	0%
WW	<input type="text"/>	0%

**Display 2**

- Selected Row is highlighted with Yellow (Display 1) and by pressing **Enter** you may edit the values. While **Enter** is pressed, Editing mode Row is Highlighted with Green (Display 2).
- Bi Color fixture (LCD Display) will shows the 2 channel indication and user will get 2 channel control in the DMX controller (Display 2).
- Operation using console for Bi Color explained below, Fader 1 for pure white intensity control and Fader 2 used for warm white intensity control. One channel in single color and Two channels in Bi Color is available.



**DMX CH. 1 FOR PW**



**DMX CH. 2 FOR WW**

- **Menu** button will be used for back operation to exit the editing mode or come back to the main Menu.
- **Up & Down** Keys will help you to navigate to reach other options in the menu bar.

DMX _ Address	-	To set the DmX Address.
Rotary Adjustment	-	To change the intensities quickly in Live Mode.
Key Adjustment	-	Fixture Setting to Manual Dimming Mode.
DmX Keep	-	To hold the last value of output on failure of DmX.
Display Rotate	-	To rotate the display when fixture is tilted 180°

## FIXTURE OPERATION:

### DmX Address Setting:

- Bi Color fixture (LCD Display) will shows the 2 channel indication and user will get 2 channel control in the DMX controller as shown below.
- Enter the **Menu** button and navigate the selection to 'DMX - Addr' and press **Enter**.
- Your selection will change to Green.

Main menu	TOO
DMX - Addr	512
Rotary - ADJ	-->
Key - ADJ	-->
DMX Keep	OFF
Display Rotate	OFF
PW <input type="text"/>	0%

- Use **UP** & **Down** Keys to adjust the DmX Address. You may set the DmX Address between 1 ~ 512 as per DmX Protocol.
- After the address setting press **Enter** to save the value. Your display row will change the color to Yellow again as a indication of data saving. Even though a power failure after saving the address, light will retain the DmX address when it is powered up.
- You will be able to operate the light at the set address by connecting the fixture to the DmX network.
- User is requested to follow the basic Notes provided in Page No. 4 regarding DmX.

### Manual Light Control:

In Manual light control, light has 2 options for controlling CCT/Intensity.

Main menu	TOO
DMX - Addr	512
Rotary - ADJ	-->
Key - ADJ	-->
DMX Keep	OFF
Display Rotate	OFF
PW <input type="text"/>	0%
WW <input type="text"/>	0%

CCT/ Intensity Adjustment using knob

Main menu	TOO
DMX - Addr	512
Rotary - ADJ	-->
Key - ADJ	-->
DMX Keep	OFF
Display Rotate	OFF
PW <input type="text"/>	0%
WW <input type="text"/>	0%

CCT/Intensity Adjustment using keys

1. If the label is in Green color the set values will remains in same condition if power goes "OFF"
2. Yoke rotation option, Keys for tightening the handle must be highlighted somewhere.
3. Option for inserting the accessories with locking clips need to be mentioned somewhere.

- Use **UP** & **Down** Keys to adjust the intensities. Values of the light will vary proportionately 0 ~ 100% by adjusting the values from 0 ~ 255.
- After the value setting press **Enter** to save the value. Your display row will change the color to Yellow again as a indication of data saving. Even though a power failure after saving the value, light will retain the values when it is powered up.

**Note:**

- In a DmX Mode, Light fixture will operate with 1 Channel. For a Bi Color Fixture 2 Channels will be utilized.
- CW – Stands for Cool White 5600K, WW – Stands for Warm White 3200K.
- We suggest you to keep the 'DMX Keep' Mode On and use Display Rotate option whenever fixture is tilted 180°
- Do NOT open the fixture for any kind of repair. There are parts which can be operated by authorized personnel's Only.

For Further assistance, you are requested to contact our office or authorized dealers.  
We are there at your service.

Thank You for Choosing Leksa Lighting:

Leksa Lighting Technologies Pvt. Ltd.

Ashwathapura Road, Mangaore – 574227, India

[www.leksalighting.com](http://www.leksalighting.com) [biz@leksalighting.com](mailto:biz@leksalighting.com) +91-7899 543210