



USER MANUAL

1500W DIGITAL Manual iDimmer 2L Pro(All New 7th)

 iDimmer 2L Pro 1500W

GL7032-DIM-015L



Specific Parameters

1500W Manual Dimmer

1. Technical Features

AC Input	180-264Vac 50/60Hz
220Vac Rated Wattage	1500W
Input Current	8.5A Max
Safety	Anti 6KV Lightning Surge Dim to 0%, Dry Switch-Contact
Performance	Harmonic Current Inhibition
Optimal Brightness level	0-100%
Five Protections	① SCP (Short Circuit Protection) ② OCP (Over Current Protection) ③ OVP (Over Voltage Protection) ④ OPP (Over Power Protection) ⑤ OTP (Over Temperature Protection)
Dimensions	275*154*66mm
Weight	1.8kg
Permitted ambient temperature	-20 C ~50 C
Storage temperature	-30 C ~80 C
Waterproof grade	IP54
External Control	0-10V Signal
Conformity with standard	EN 60669-2-1
Warranty	5 years

*Check the technical specification of lamps

2. Safety Instructions



CAUTION!!!DANGER OF LIFE / RISK OF FIRE AND ELECTRIC SHOCK!!

- Installation and assembly of electrical equipment must be carried out only by professional electrician!
- Connect the supply voltage/frequency as stated on the product!
- Disconnect device from power supply for wiring and installation purposes!
- Check power supply is disconnected!
- Defective devices have to be put out of service immediately!

- ◆ Warranty void if housing opened by unauthorised person!
- ◆ The electronic circuit is protected against a wide range of external influences. Incorrect operating may occur if external influences exceed certain limits!
- ◆ Installation and assembly of electrical equipment must be in accordance with local building and electrical codes!

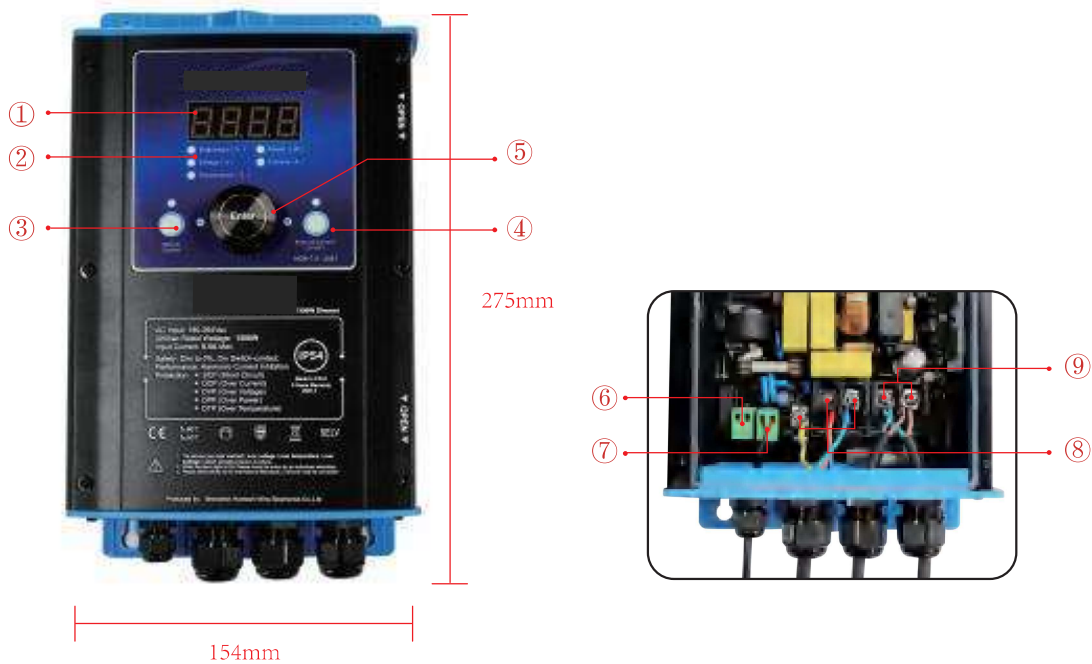
Important Note

For all transformers and lamps, please take into account the specifications of the manufacturer!

Specific Parameters

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3. User Interface



NO	Name	Description
1	LCD	Display information of this dimmer
2	Indicator Light	Indicator light for Brightness, Power, Voltage, Current and Temperature. (Select by pressing Enter)
3	Manual Control	Pressing the button to Manual control the brightness by Rotary Switch
4	External Control	Pressing the button to external 0-10v signal control
5	Rotary Switch(Enter)	By rotating the switch for changing the brightness and Enter for selection
6	Dry-contact Port	REL01: Connecting to the external Audible and Visual Alarm (Optional) REL02: Connecting to the Drinker System, starting in 20s in advance (Optional)
7	0-10V Port	0-10V signal input for external control
8	AC Input Terminal	Connecting L(Live Wire), N (Neutral Wire) and GND (Ground Wire)
9	AC Output Terminal	Connecting the lights

Specific Parameters

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4. Minimum Brightness Setting

- Manual dim to 1%, then select "Power", Power indicator green light ON.
- Simultaneously Press "Manual Control" Button and "External Control" Button over 3 seconds, then release together.
- Select "Brightness", green indicator light of Power and Brightness ON
- Manual Rotary to dim the minimum brightness. Press "Back" after setting.
- Noted: The range number of minimum brightness available from 20-300.

5. Situation For Alarm Occur

When an error occurs, an alarm code appears on the dimmer LCD Display.

The dimmer switches on protection and the lights shut down.

When solve the errors, the dimmers and lights can restart within 1 mins or Manually turn ON/OFF the AC Power.

Alarm Code	Fault cause	Shutdown-load (Output channels)	Alarm indication	Action
Er01	Power supply over 267Vac	YES	Blue Voltage light ON and Blinking	Make sure voltage in 180-264Vac
Er02	Power supply under 83Vac	YES	Blue Voltage light ON and Blinking	
Er03	Short-circuit to load output terminal or Current over 9.27A	YES	Blue Current light ON and Blinking	Please check whether an overloading or short-circuit is present on the dimmer-output
Er04	Load exceeds >1570W	YES	Blue Power light ON and Blinking	
Er05	Temperature inside controller higher than 110°C or excessive ambient temperature.	YES	Blue Temperature light ON and Blinking	Correct cooling has to be secured. Alternatively, please decrease load connected to the output of the dimmer. Dimmer restart less than 95°C

6. Cable Reference

Cable Size (m m ²)	Rated AMP	Max.AMP	Suggested Power loaded
2*0.75m m ²	3.2A	3.7A	640W
2*1.0m m ²	5.2A	5.9A	1040W
2*1.5m m ²	8.2A	9.4A	1640W

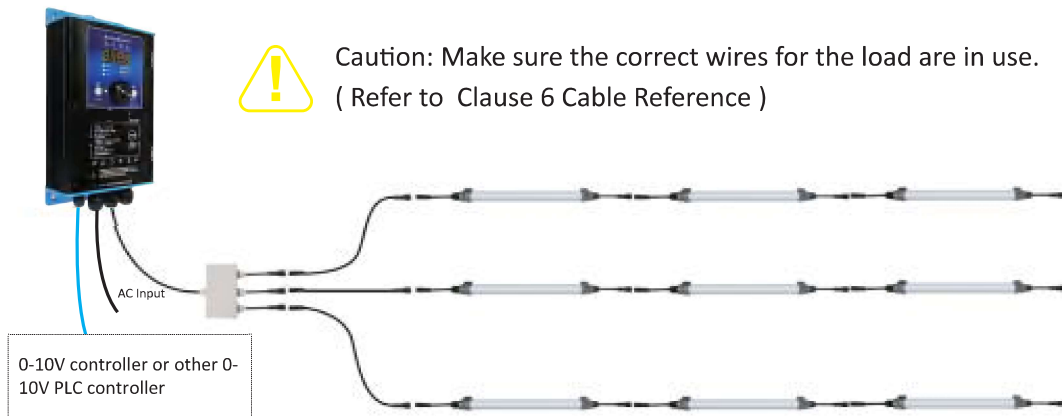
7. Dimmer Capacity Load Reference

Wattage Max Load	≤ 15W LED Bulb	≤ 20W LED Tube Light	≤ 25W LED Tube Light	Other Brand lights(leading edge)
@ 220Vac	1300W max	1350W max	1500W max	900W max

Lighting Diagram

1500W Manual Dimmer

AC 1500W iDimmer 2L Pro and LED Poultry Light Connection



⚠ Installation Notes

- * It is recommended the LED dimmer should be installed exposed for heat dissipation
- * If it needs to be installed in a closed distribution box, please install a wind control system for heat dissipation.
- * It is not recommended to install the distribution box outdoors, to avoid direct sunlight. If it is necessary to install it outdoors, please build a canopy or well aerated box.
- * The ambient temperature of the dimmer is recommended to be no more than 40 degrees.

Accessories

Screw 4pcs

1pcs Back-up fuse (20A)

* Please follow this installation guide very carefully and pay attention to the instructions given. If there are any problems, please contact us at the following address.



Gallina LED Ltd.,

2.3d The Beacon, Beaufront Park, Anick Road, Hexham,
Northumberland NE46 4TU, UK.

Email: sales@gallinaled.com

Website: www.gallinaled.com