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USER MANUAL

Chicken Farm Dimming System

—— iDimmer 4S 4500W ——
—— iDimmer mini 2.0 1200W ——

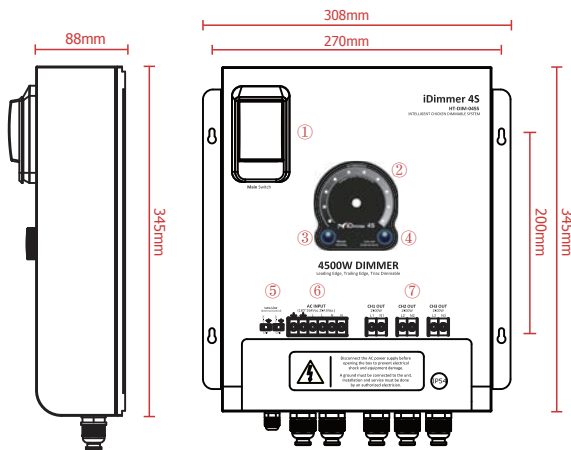


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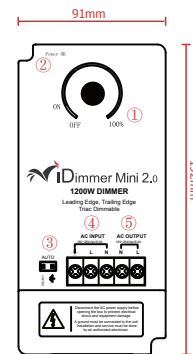
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Specific Parameters

4500W / 1200W Dimmer



iDimmer 4S



iDimmer mini 2.0

- | | |
|--|--|
| <ul style="list-style-type: none"> ① Main Switch/C32: Emergency Switch 32A (C type) ② Rotary Switch (if ④ Auto-Line is not in use) ③ Manual Dimming: Dimming the brightness by Rotary Switch ④ Auto-Line: For external control ⑤ 0-10V connection terminal ⑥ AC Input: Connecting L(Live Wire) and N(Neutral Wire) ⑦ CH1-3 Output: Connecting lights | <ul style="list-style-type: none"> ① Rotary Switch ② LED Green on: AC power on ③ 0-10V connection terminal ④ AC Input: Connecting L (Live Wire) and N(Neutral Wire) ⑤ AC Output: Connecting lights |
|--|--|

Refer # of cable :

AWG	mm ²	Rated Amp	Max. Amp	Suggested Power
18AWG	2x0.75mm ²	3.2A	3.7A	640W
16AWG	2x1.00mm ²	5.2A	5.9A	1040W
14AWG	2x1.50mm ²	8.2A	9.4A	1640W

- Dimmable from : 1%-100%
- Smoothy dimming without flickering
- High Efficiency : 98%
- High power factor : 0.97
- Working Temp : -20-50 °C
- Storage Temp : -20-80 °C
- Humidity : 20%-90% RH non-condensing
- Safety : Primary-GND Class A 1750V

Product Installation

4500W / 1200W Dimmer Installation

Steps 1



Open the cover of the 4500W dimmer

Steps 2



AC wire input connection

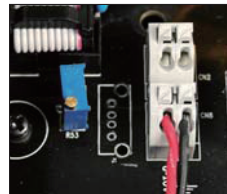
- ① Ground wire
- ② L (Live wire)
- ③ N (Neutral wire)

Steps 3



AC wire output connect to lights

Steps 4



0-10V connection between Timer and Dimmer

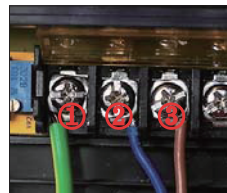
1200W Dimmer Installation

Steps 1



Open the cover of the 1200W dimmer

Steps 2



AC wire input connection

- ① Ground wire
- ② L (Live wire)
- ③ N (Neutral wire)

Steps 3



AC wire output connect to lights

Steps 4



0-10V connection between Timer and Dimmer

Please Notice This



- The iDimmer 4S 4500W Rotary Switch should be OFF if 0-10V wire connect Dimmer with Timer.
- For Timer controlling to the dimmer with digital signal which can be dimmable from 1% to 100%.
- iDimmer mini 2.0 1200W Manual Switch work only 0-10V unconnected.

Lighting Diagram

Chicken Farm System Installation

Dimmer and Lighting Wire Diagram

