

## LT-2003D 2×3kW fully digital dimming



Now conventional dimming capability is available in an unconventional package. The 2003D dimming module is a powerful, silent, compact, lightweight dimmer that attaches directly to conventional lighting fixtures - or almost anywhere - without the need of a dimmer rack.

2003D provides silent, powerful dimming capability in places where traditional dimmers are impractical. And the module's affordable price makes it a cost-effective solution for a variety of applications and budgets.

2003D is equipped with MCB as standard and super SCR to provide overload and short-circuit protection.

The equipment is natural cooling, each channel can be set as dimming or switching. Four dimmer laws, including Gently, Square, Linear and Normal law, may be assigned to each dimmer. The output using 3 pin 16A safety socket.

Never before have lighting designers enjoyed this level of convenience and versatility when choosing dimmers. Simply put, 2003D is the smart dimming solution.

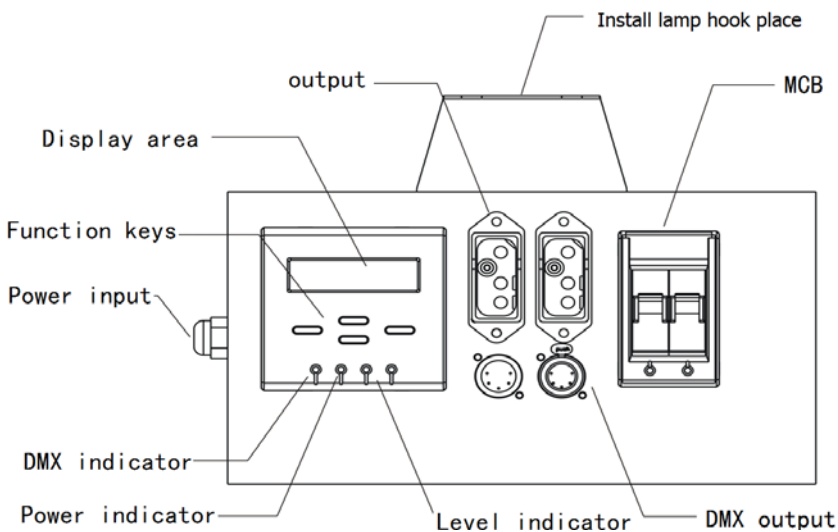
### Main function

- Fully digital dimming, 2×3kW dimming output
- DMX512 input, opto-isolated protection
- LCD display
- 150µs Professional filter
- 10-level filaments preheating
- MCB overload and SCR protection against short-circuit
- Single-phase indicator and communication status LEDs
- Natural cooling
- 4 dimmer laws
- Each channel can be set as dimming or switching

### Product feature

- Electronic control: Fully digital, microprocessor;
- Rated power: dimmers work continuously rated power for 2 x 3 kW,  
The maximum power for 6 kW;
- Dimmers protection: miniature circuit breaker (maximum points MCB broken ability 6 kA)
- Control signal agreement: DMX512/1990 USITT
- Rate of rise: 150us
- Response time: ≤50ms
- Minimum load of each channel: ≥60 W
- Output voltage DC component: less than 1 V in the rated load range
- provides more freedom and flexibility

### Front panel diagram:



- Function Keys: 4 keys, "SETUP", "ENTER", "Δ", "∇".
- Three Phase Indicators: indicating any phase loss of three phase power supply.
- DMX Indicator: indicating DMX signal connection.
- Dimmer Indicator: indicating lighting density of each channel
- Channel level indicator: the receiving instructions of channel level
- MCB: overload and short-circuit protection.
- The output indicator: display output state of each channel, no-load instructions
- Display: setup and status indication.



## 2 Channels DMX Dimmer

Smart, Silent, Compact

**LT-2003D** 2×3kW fully digital dimming

### Technical specifications

Supply Voltage Range: : 230V±10% 50HZ

Rated Supply Current: LN~ with PE 30A per phase at 230V

EMC standards: EN55015

Safety standards: EN60204-1: 2006

EN60950-1: 2006

Protection level: IP2X

CE Mark

### Mechanical Data

Dimensions (mm) : 280 (W) ×152 (H) ×87 (D)

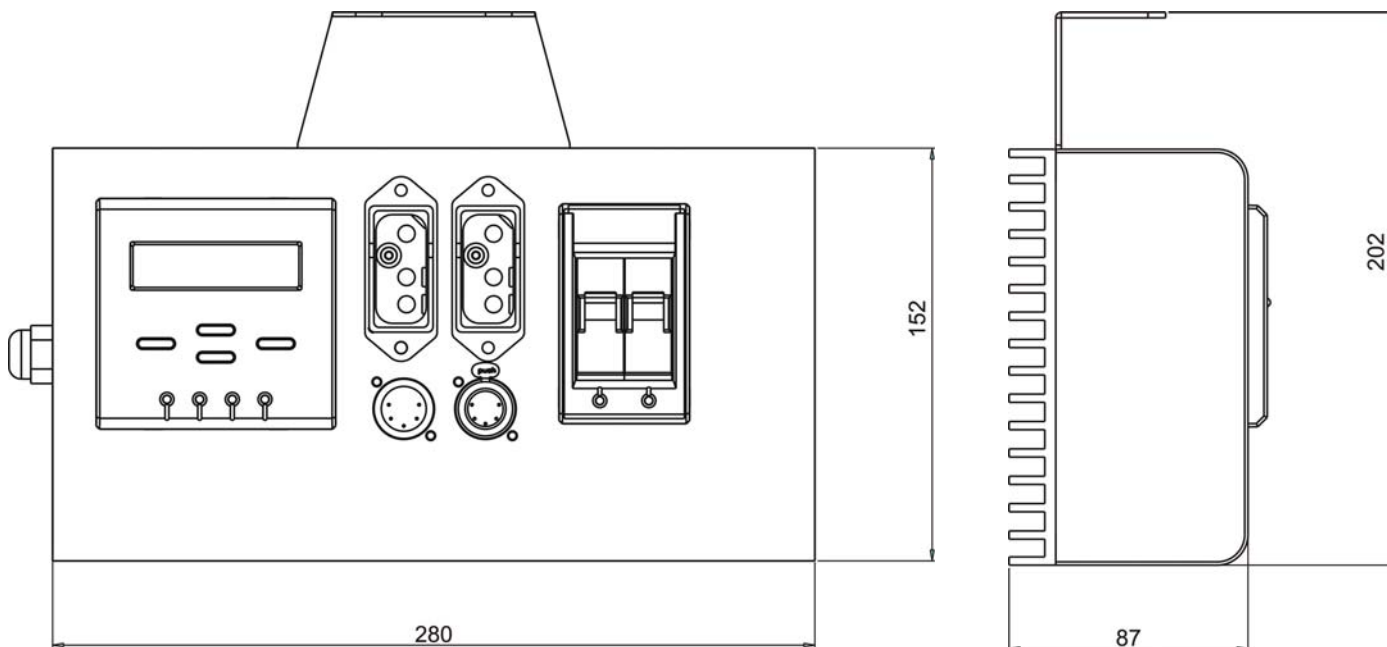
Net weight: 3kG

### Operation Environment

Temperature: 0~40°C

Humidity Range: less than 90% when 25 °C

Pressure: the atmospheric pressure is less than 106 KP



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