

# LIGHTING PROCESSOR

MULTI PROTOCOL | 512 CIRCUITS | 512 SCENES

**ZICO**<sup>®</sup>  
LIGHTING  
WORLDWIDE

*The Zico Lighting Processor is the core of the Zico dimming and controls system. Its extended connectivity enables seamless integration with DMX, DALI, PWM, and 0–10V circuits—without the need for additional hardware. Supporting up to 512 circuits and 512 preset scenes, this Processor is the ideal solution for residential, hospitality, and commercial projects.*

Item number: ZL-D-LP

- Rugged steel enclosure.
- 512 Outputs (DMX, DALI, PWM (12&24V) and analogue (0/1V to 10V)
- 512 circuit presets
- 8 DALI or 0/1-10V outputs (or 4 of each)
- Dedicated IO inputs for 3rd party control connections
- RJ45 DMX output
- 2 x 15V keypad interfaces
- Designed to integrate with Zico dimming/switching packs for exceptional dimming performance
- PC based programming
- Optional IP interface
- Optional RS232 connection for robust integration with 3rd party control systems including Crestron, Control4 and RTI
- IEC Power connector.
- Small form factor wall mount design
- Designed and manufactured in the UK

Designed to work with Zico Lighting's range of IO and sensor inputs the system can be configured simply and quickly offsite to allow for pre-testing and reduce the amount of time spent on site. The screen provides immediate easy to understand feedback of inputs and outputs to speed up commissioning



## CONNECTIONS

- 8 DALI or 0/1-10V outputs (or 4 of each) **must be specified at point of order**
- DMX 512 output on RJ45 connector
- **Use Cat 5 shielded cable in electrically noisy environments**
- RJ 12 connection for optional IP expander
- Mini USB-B port for remote configuration
- 2 Dedicated IO ports for integration with 3rd party systems
- 2 x Keypad/IO interface 15v

## SPECIFICATIONS

Operating Voltage	100 – 240V AC
External Fuse	2A A/S 20 x 5mm
Dimensions (L x W x H)	185 x 195 x 75mm (including mount)
Weight (N / G)	1340g / 1540g



Our products as well as the technologies behind them are subject to continuous improvements. All specification is subject to change without notice. Please refer to our website for the most up to date information.

[www.zico.lighting](http://www.zico.lighting) | +44 (0)20 7223 3087 | [admin@zico.lighting](mailto:admin@zico.lighting)

ZICO LIGHTING 3rd Floor, 207 Regent Street, London W1B 3HH United Kingdom

## LIGHTING PROCESSOR

### COMMISSIONING

Using a USB dongle connect any laptop to the Lighting Processor to commission the system or adjust the settings.



### DESIGNER SWITCHES & PLATES

Complement your interior with fully compatible momentary switches from designer brands, or opt for standard switch plates for 'behind the scenes' areas.



### WI-FI EXPANSION MODULE

Adjust your lighting through a phone app or voice activated commands with this plug-in module to Lighting Processor. Fully compatible with Alexa and Google.



### PIR & DUSK SENSORS

Add light and movement sensors to adjust lighting automatically.



### LIGHTING PROCESSOR

The heart of your dimming system, controlling up to 512 circuits and 512 unique preset lighting scenes.



### PWM LED TAPE DRIVER

Expand your design with connection to LED tape lighting.



### DIMMING PACK

Relax as Dimming Pack adjusts lighting levels to create your chosen scene.



### LED TAPE

Accentuate discreetly with the LED tape lights.

### LAMPS

Showcase the interior design with Zico's top quality dimmable decorative LED lamps.



### SPOTLIGHTS

Emphasise interior features with a full selection of spotlights.



### ARCHITECTURAL LIGHTS

Redefine the space with architectural lighting from best brands.



Our products as well as the technologies behind them are subject to continuous improvements.  
All specification is subject to change without notice. Please refer to our website for the most up to date information.

[www.zico.lighting](http://www.zico.lighting) | +44 (0)20 7223 3087 | [admin@zico.lighting](mailto:admin@zico.lighting)

ZICO LIGHTING 3rd Floor, 207 Regent Street, London W1B 3HH United Kingdom