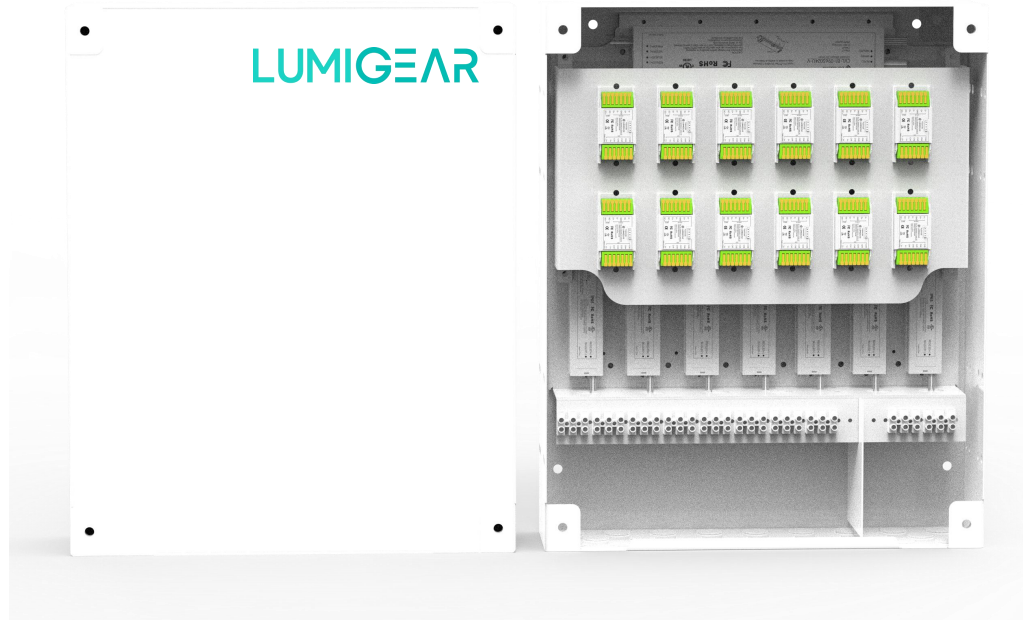


Centralized Power. Simplified Installation.

Power up to 12 Class 2 LED circuits from one professionally engineered enclosure.

- Cleaner installation
- Easier maintenance
- Faster commissioning
- Flexible control



Easier to Install. Easier to Service

A front-serviceable design, modular layout, and factory prewiring simplify field installation, circuit inspection, and driver replacement.

Service Everything from the Front

FRONT-SERVICEABLE DESIGN

The Central CV Enclosure organizes LED drivers, control modules, and terminal blocks in one accessible location. Components can be inspected and replaced from the front without removing the enclosure or disturbing surrounding equipment.

01

Fast Fault Location

Drivers and control modules are arranged and labeled by circuit, allowing the corresponding component to be identified quickly when an issue occurs.

02

Front-Access Replacement

Modules are accessible from the front of the enclosure, reducing disassembly steps and service-clearance requirements.

03

Independent Circuit Service

When a single module fails, maintenance can be limited to the corresponding circuit, minimizing impact on other lighting areas.

Service Value

Front-serviceability is not an add-on; it is a core design feature for hotels, commercial spaces, and long-term operating projects. It shortens service time, reduces downtime, and lowers dependence on large dedicated maintenance clearances.

Simplified from Factory Assembly to Field Installation

SIMPLIFIED INSTALLATION

LED drivers, control modules, and terminal blocks can be assembled and prewired at the factory. On site, electricians only connect AC input, control wiring, and low-voltage LED loads—reducing repetitive wiring, installation time, and field errors.

1 Factory Assembly Drivers and control modules are installed according to the project configuration.	2 Internal Prewiring Power supplies, decoders, and terminal blocks are connected at the factory.	3 Field Connection Connect AC input, control wiring, and LED loads.	4 Inspection & Handover Complete power-up and functional checks according to circuit labels.
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Installation-Friendly Details

- Clearly Organized Terminals: Input, control, and output connections are grouped and easy to identify, reducing time spent locating terminals on site.
- Standardized Cable Entry: Multiple cable-entry directions are provided to accommodate different conduit layouts.
- Clear Circuit Identification: Driver-to-load relationships are clearly labeled for easier wiring, commissioning, and handover.
- Multiple Mounting Options: Supports surface, recessed, vertical suspended, and horizontal suspended mounting.

Mounting Options for Different Site Conditions

FLEXIBLE MOUNTING OPTIONS

Four Common Mounting Methods

- Surface Mounting
- Recessed Mounting
- Vertical Suspended Mounting
- Horizontal Suspended Mounting

Surface Mounting



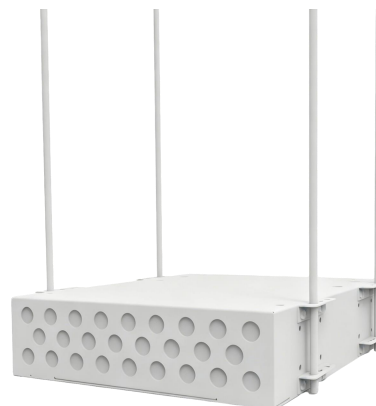
Recessed Mounting



Vertical Suspended Mounting (brackets included as standard)



Horizontal Suspended Mounting (brackets included as standard)



If the housing is installed during construction, protect the entire housing with a suitable temporary cover or masking material to prevent construction debris, surface damage, and paint overspray. Remove all temporary protection before installation of the internal components, and ensure that the interior of the housing is clean and free of foreign materials.

System Configuration Behind Simplified Installation

CONFIGURATION OVERVIEW

Front-serviceability and simplified installation define the core product experience. Different driver and control options provide project flexibility while maintaining a consistent enclosure structure and wiring logic.

Item	Available Options	Installation / Service Benefit
Output Voltage	12 / 24 / 36 / 48 VDC	Centralized management of low-voltage circuits
Power per Driver	60 W / 96 W	Modular circuit configuration
Driver Quantity	Up to 12 LED drivers, depending on system configuration, depending on configuration	Centralized installation and service
Control Options	0-10 V, 0-10 V + TRIAC/ELV, DMX512/RDM; DALI configuration available upon request	Maintains consistent terminal and enclosure logic
Input Voltage	120-277 VAC, depending on driver model	Compatible with common North American project voltages
Enclosure Dimensions	Approx. 373 x 460 x 100 mm/14.7 x 18 x 4 in.	Compact centralized installation

Configure the system according to output voltage, number of circuits, power per circuit, and control protocol. Regardless of the selected control method, the product maintains a consistent experience of centralized installation, front-side service, and clearly organized wiring.

More Straightforward from Installation to Service

BUILT FOR THE REAL WORK ON SITE

For Electricians

Reduces internal assembly and repetitive wiring, making field installation steps clearer.

For Commissioning Teams

Clear relationships among circuits, drivers, and terminals enable faster inspection and commissioning.

For Service Personnel

Front access to modules shortens replacement time and reduces the scope of disassembly.

For Project Owners

Reduces long-term maintenance complexity and supports reliable ongoing operation.

One enclosure. One service location. A more organized constant-voltage lighting system.