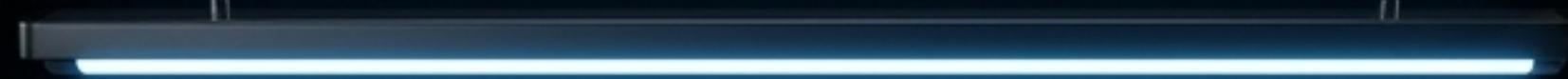


POWERING BRILLIANCE

The Complete Lit4Ever Power Ecosystem for Architectural,
Industrial, and Smart Integration



Engineered for absolute reliability. • Designed for limitless application.

The Lit4Ever Engineering Baseline



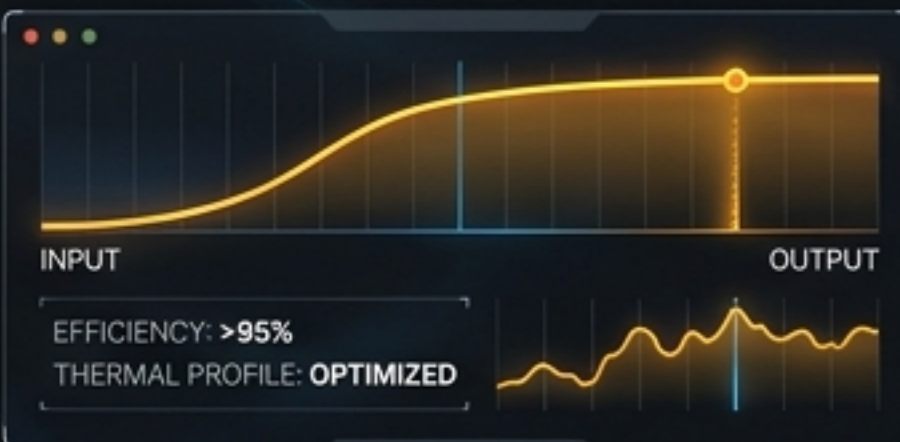
Uncompromising Reliability

CE and RoHS compliant engineering baseline. Designed to operate flawlessly in continuous-load environments.



Maximum Efficiency

Engineered for high conversion efficiency, minimizing heat loss and maximizing power delivery for massive multi-unit installations.



Infinite Scalability

A seamless ecosystem scaling from delicate 5W concealed units to industrial-grade 16,000W power plants, all under one manufacturing standard.



The Lit4Ever 4-Point Safety Shield

Every unit in our ecosystem is armed with integrated, active fault-protection technology.

Short Circuit Protection

Instant line cutoff upon detecting output terminal bridging.

Over Voltage Protection

Guarding sensitive LED arrays and control systems from input grid fluctuations.

Overload Protection

Dynamic current limiting to prevent systemic failure during peak demand spikes.

Over Temperature Protection

Temperature-controlled ball-bearing fan integration and auto-throttling to survive extreme operating environments.



Zero-Compromise Quality Control

100% Full Load Burn-In Testing



Step 1: Automated Precision

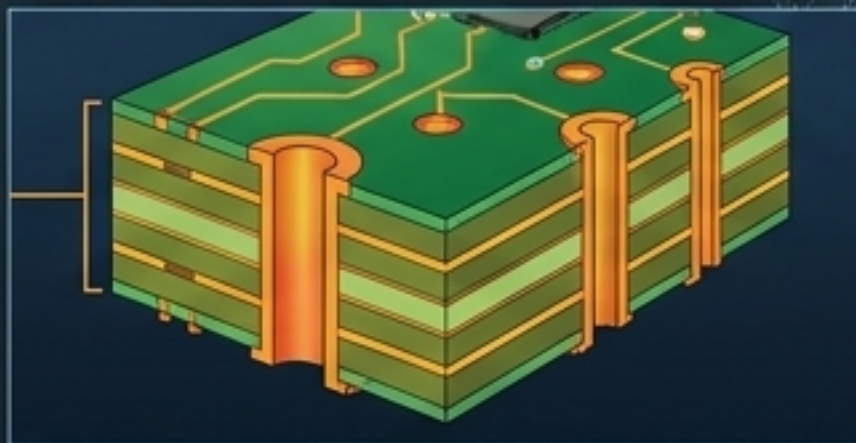


Step 1: Automated Precision

SMT and automated wave soldering ensure flowless PCB architecture.



Step 2: Component Integrity



Step 2: Component Integrity

Green glass fiber PCBs utilized for superior thermal and mechanical stability.



Step 3: The Crucible



Step 3: The Crucible

Every single Lit4Ever unit undergoes 100% full load burn-in testing before leaving the facility. No sampling. No exceptions.



The Application Ecosystem

Hub 1 Standard Switching (IP20)

The heavy lifters for centralized power (10W - 16,000W).

Hub 2 Ultra-Thin (IP20)

The invisible backbone for tight architectural spaces.

Hub 3 Waterproof (IP67)

Sealed armor against total environmental exposure.

Hub 4 Rainproof (IP45)

Efficient defense for semi-outdoor installations.

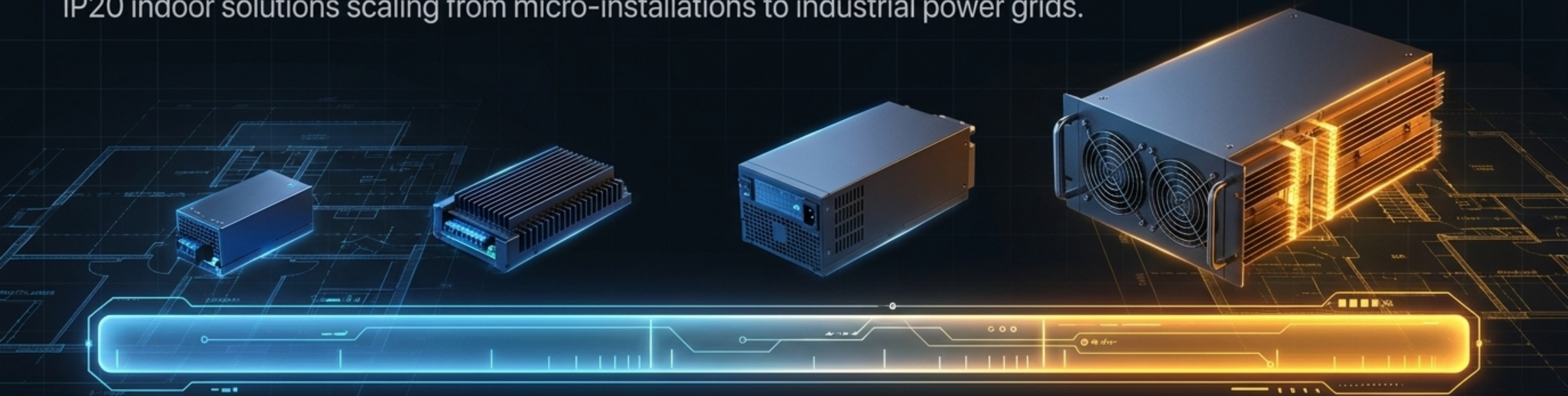
Hub 5 Specialty Control

Dimmable, Din Rail, and Magnetic Track solutions for smart and industrial integration.

Lit4Ever
Core

Standard Switching Series: The Heavy Lifters

IP20 indoor solutions scaling from micro-installations to industrial power grids.



10W - 200W

Fanless free-air convection cooling.
Silent operation.

250W - 1000W

Temperature-controlled
ball-bearing fan cooling.

1200W - 16,000W

Industrial scale.
Constant Voltage & Constant Current
(CV&CC) configurations.
Full voltage adjustable configurations
available.

Ultra-Thin Series: The Invisible Power

Maximum power density engineered for highly constrained architectural cavities.



Standard Ultra-Thin (35W-500W)



Low profile (<30mm height), built-in active PFC function available in higher wattages (PF>0.95).



Narrow Ultra-Thin (40W-360W)



Narrow width design for linear fixtures, featuring slow-start capabilities.



Light Box Specific (18W-300W)



Elongated, ultra-slim chassis designed specifically to vanish inside modern retail signage and LED light boxes.



Waterproof IP67 Series: Defeating the Elements

Aluminium Enclosure



Range: 5W - 600W



Application: Maximum durability and heat dissipation. Ideal for fully exposed, harsh outdoor environments.

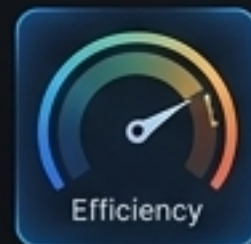


100% full potting.
Built-in active PFC (75W-600W).

Plastic Enclosure



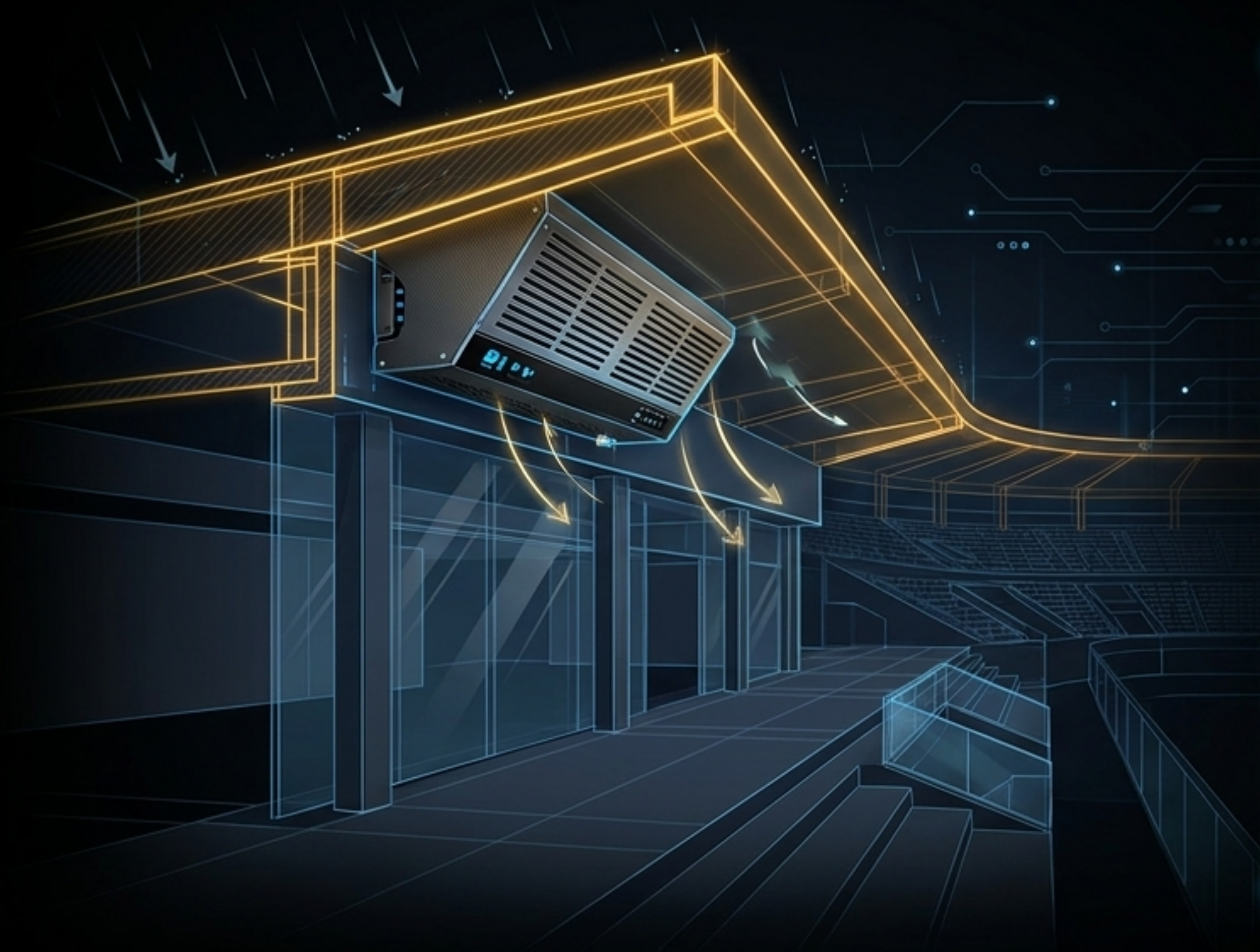
Range: 15W - 150W



Application: Narrow design for tight, damp locations. High efficiency (up to 94.5%) where weight and space are prioritized alongside moisture protection.

Rainproof IP45 Series: The Semi-Outdoor Optimizer

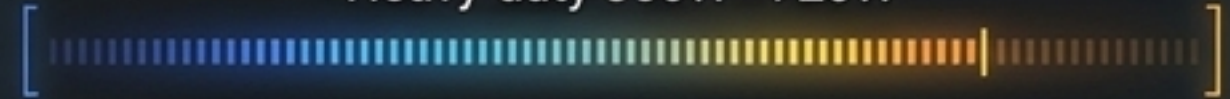
High reliability and cost-efficiency for environments exposed to moisture but shielded from direct submersion.



Key Features

1. Power Range

Heavy-duty 350W - 720W



2. Design Concept

Semi-potted design offers exceptional protection against atmospheric moisture and angled rain at a highly competitive price point compared to fully potted IP67 units.

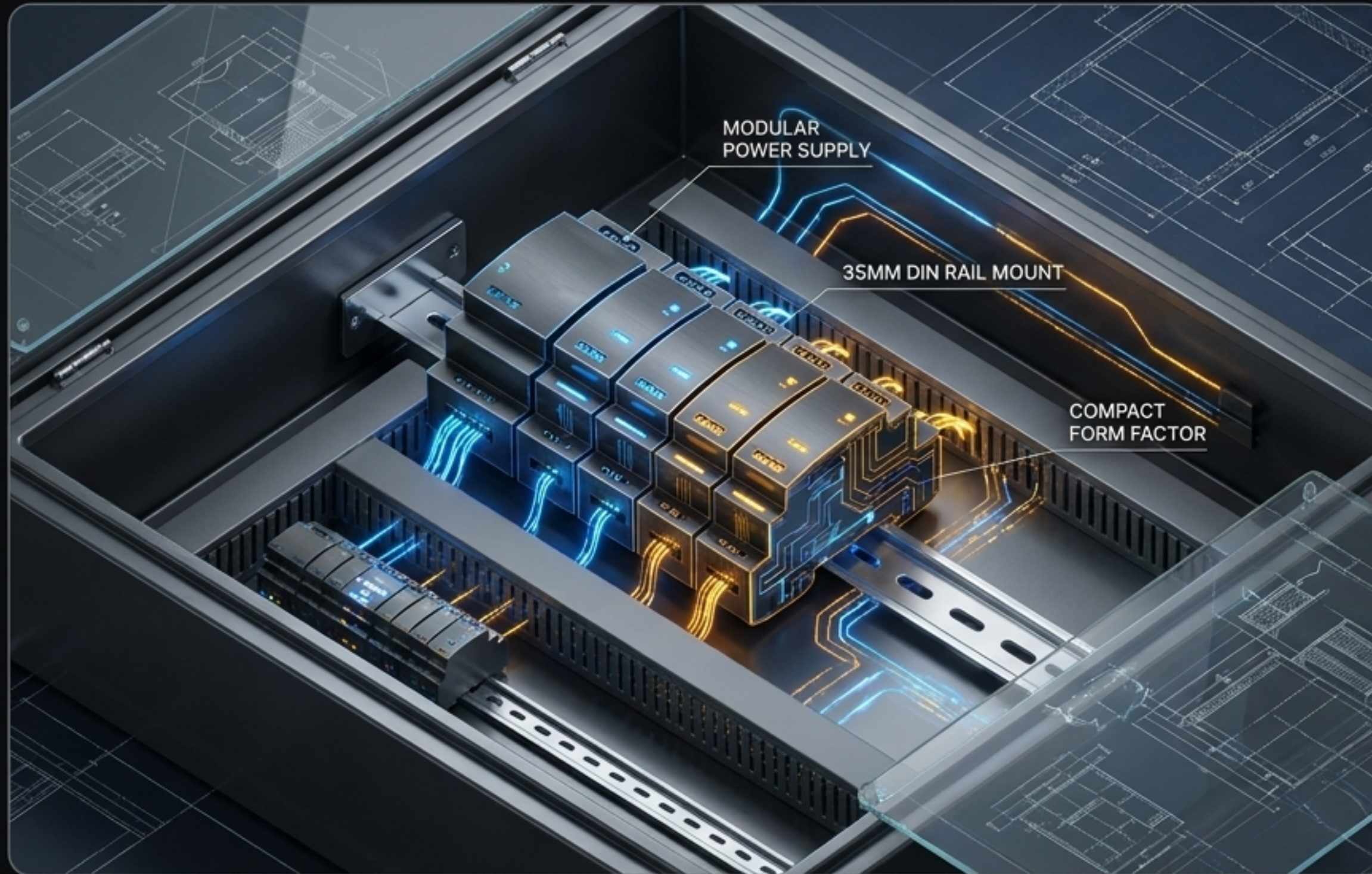


3. Cooling

Free air convection and built-in fan options depending on wattage. Built-in active PFC available.

Din Rail Solutions: Organized Industrial Power

Snap-on reliability for complex control cabinets and automation arrays.



Plastic Chassis (15W - 120W)

Lightweight, modular, double-insulated design for compact automation panels.

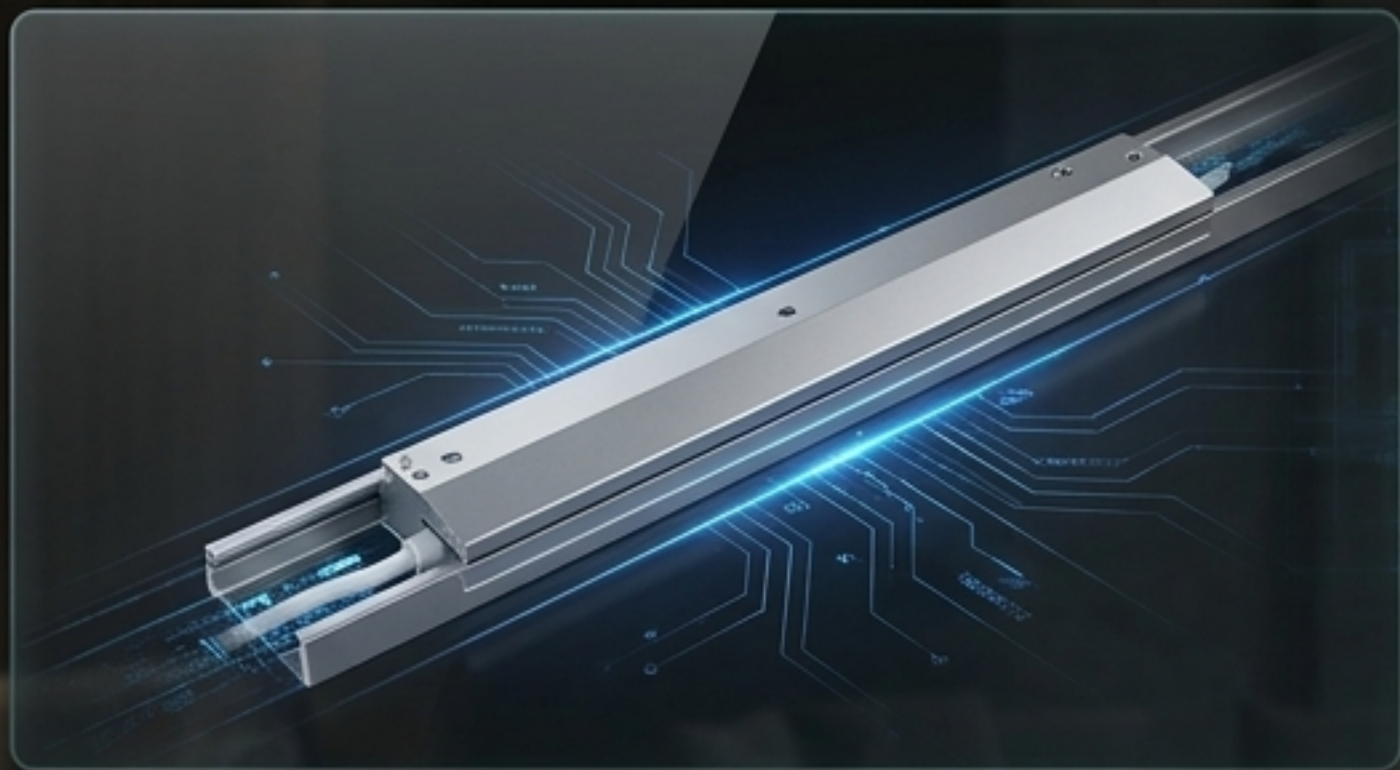


Aluminium Chassis (75W - 480W)

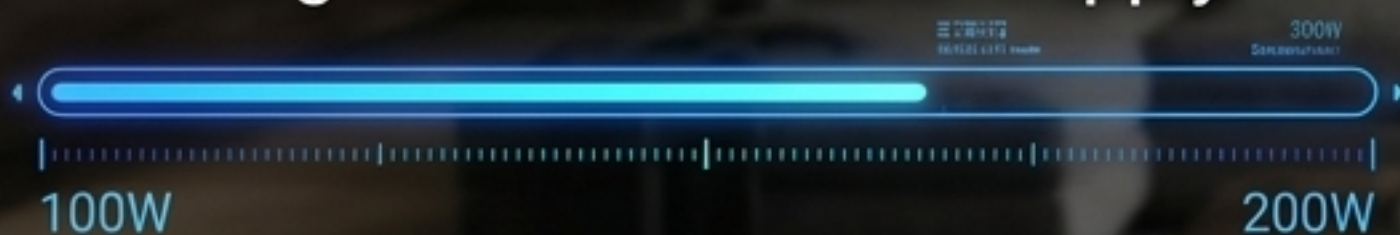
Ruggedized, high-thermal dissipation for demanding industrial environments and heavy motor/relay loads.



Specialty Power: Aesthetic & Smart Integration



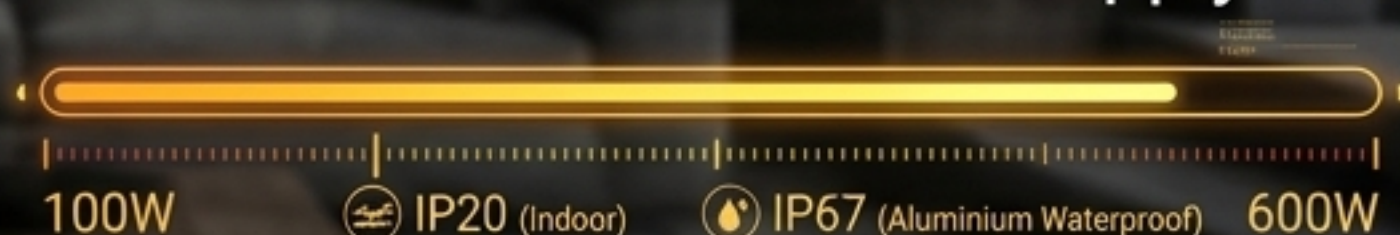
Magnetic Track Power Supply



Ultra-slimline linear design engineered to integrate directly into 48V magnetic track lighting channels. Completely invisible to the end user.



4-in-1 Dimmable Power Supply



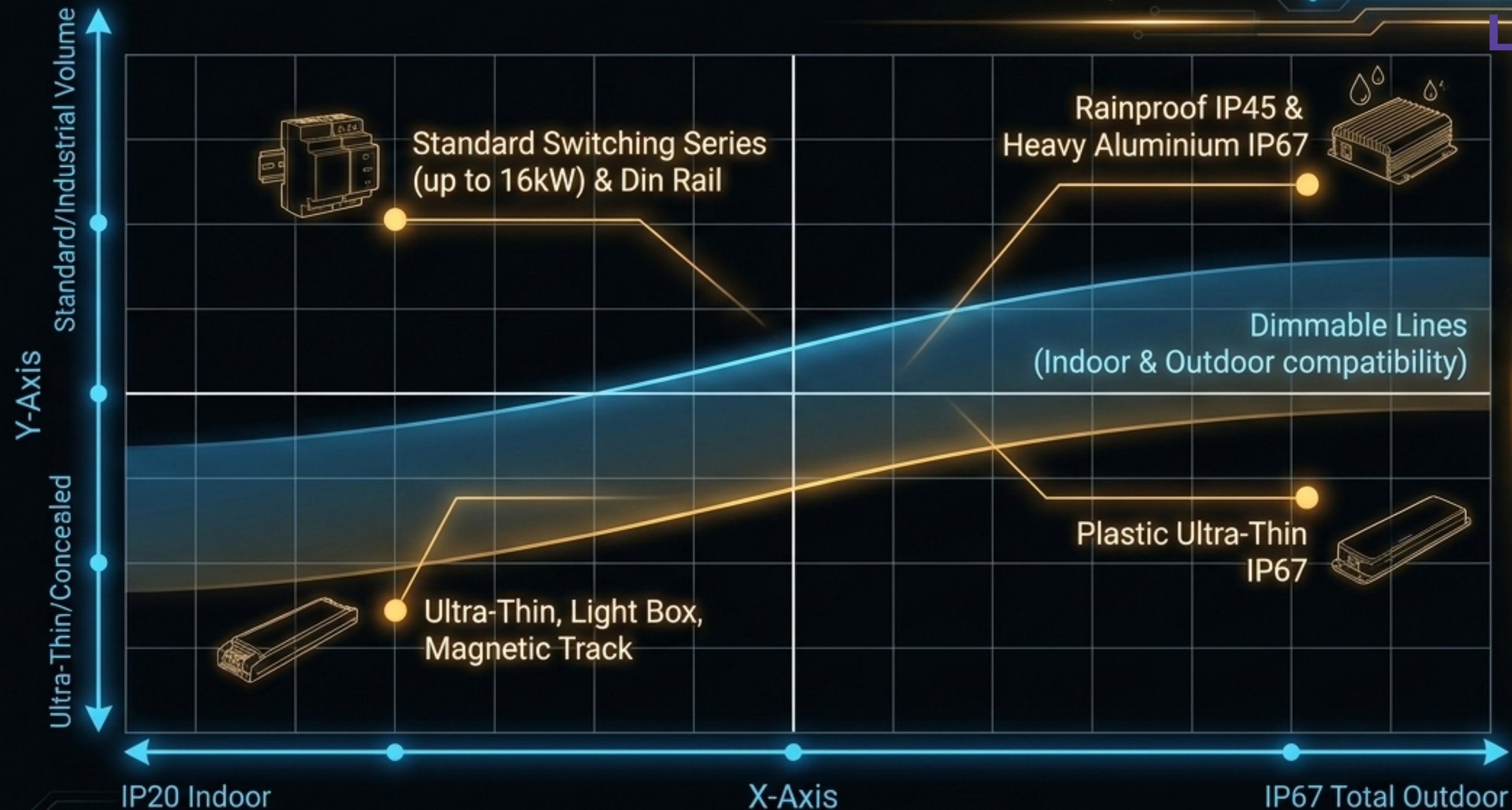
Flawless, flicker-free dimming. Compatible with Triac, 0-10V, 1-10V, and PWM smart control systems.

The Lit4Ever Selection Matrix

Pinpoint your precise power requirement in seconds.



LIT4EVER



The Lit4Ever Advantage



Unmatched Scale

5W to 16,000W output range under a single unified engineering standard.



Environmental Mastery

Solutions precisely engineered for IP20, IP45, and IP67 environments.



Absolute Assurance

Every unit fortified by the 4-Point Safety Shield and validated by 100% full load burn-in testing.



Spatial Versatility

The industry's widest array of ultra-thin, narrow, and specialized architectural form factors.



Engineer Your Next Installation with Lit4Ever.

Global Distribution
Partnerships

OEM Custom
Manufacturing

Architectural Project
Integration

