THE FUTURE IS ON®

LEVITON | Certolux Visioneering



Remote Driver Box

Centralized LED power.

Simplified service.

The Remote Driver Box relocates LED power supplies to centralized, accessible locations, reducing thermal constraints, simplifying installation and service, and enabling compact, low-profile luminaire designs.

Seperate the driver. Optimize the System.

Modern lighting applications require high-performance illumination in environments with limited fixture access. By separating drivers from the luminaire, thermal constraints are reduced and overall system performance is optimized, while enabling streamlined integration with advanced lighting controls and building automation systems.

The result is a flexible, serviceable solution well-suited for high-ceiling installations, complex layouts, and applications where long-term accessibility is critical.

01 Design Flexibility

Eliminates the need to house bulky drivers within fixtures, enabling compact, low-profile luminaire designs — particularly for architectural applications. Supports options such as power over suspension cables and low-profile troffers.

02 Centralized Power Distribution

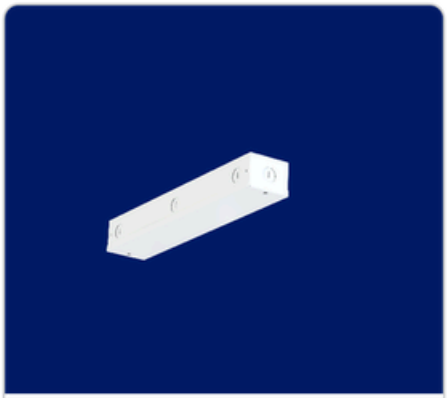
Relocates critical components to accessible areas for easier maintenance — true for all applications, and particularly valuable in high-ceiling installations. Simplifies integration with smart lighting and building automation systems.

03 Enhanced Thermal Management & Reliability

Moves temperature-sensitive, heat-generating drivers to cooler locations, improving the longevity and reliability of both LEDs and drivers. Removing driver-related thermal constraints raises maximum operating temperature limits where driver heat was previously the limiting factor. As Class 2 low-voltage DC devices, luminaires pose less risk of fire and electric shock, easing certification and compliance.

Three sizes for every installation.

Enclosure sizes is selected by installation location and power requirement. Die-formed, cold-rolled code-gauge steel housing with flush knockouts on sides and ends.



RDB-NS

Compact Solution

The most compact enclosure. Ideal for single-driver installations and tight service locations.



RDB-NL

Standard Solution

Extended length in a narrow profile. Suited to runs requiring additional driver capacity.



RDB-WL

High-Capacity Solution

Maximum internal volume for centralized configurations housing multiple drivers.

FLEXIBLE DRIVER CONFIGURATION

Deploy one driver per luminaire, or centralize multiple drivers within a single enclosure. Maximum recommended RDB-to-luminaire distance is 50 ft, subject to local code and wire gauge (by others).

50 ft



Built for demanding environments.

VISIONEERING

High-performance illumination where fixture access is limited.

- Warehouses
- Manufacturing
- Gymnasiums
- Retail spaces
- Atriums
- Transportation hubs
- Commercial offices
- Architectural lighting

CERTOLUX: SPECIALITY ENVIRONMENTS

Remote placement lets maintenance occur outside the plenum, reducing costly re-certification.

- Cleanrooms
- Pharmaceutical
- Semiconductor
- Healthcare
- Surgical suites
- Imaging rooms
- Laboratories
- Food processing



Specifications & ordering.

FEATURES	Surface orplenum mounting(recessed coming soon). Interior mounting holes · 7/8" knockouts · Class 2 output
CONSTRUCTION	Die-formed, cold-rolled code-gauge steel housing assembly with flush knockouts on sides and ends.
ELECTRICAL	Universal 120–277VAC input with optional 347VAC configuration, delivering regulated Class 2 low-voltage output.
MOUNTING	Integral mounting holes (see dimension drawing for size and location).

APPROVALS

ETL to UL2108 & CSA22.2 No. 250.2
Dry & damp locations
RoHS compliant
Maintainable

WARRANTY

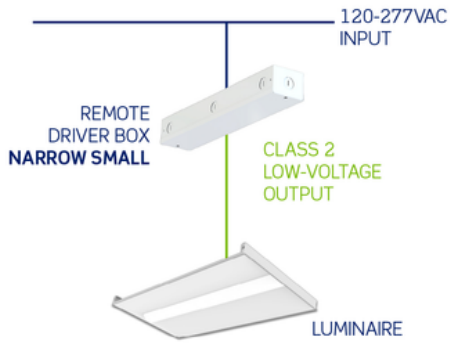
5-Year

Limited. See website.

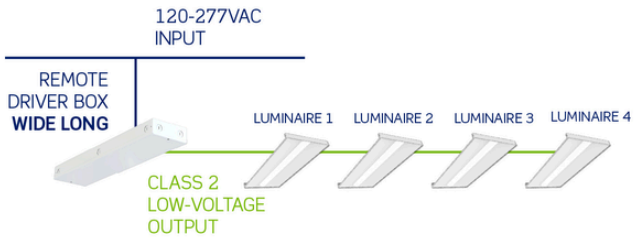
RDB – SIZE – CONTROL – FINISH – VOLTAGE

SIZE		CONTROL		FINISH		VOLTAGE	
NS	Narrow · Short	D1	0–10V (1%)	WH	White (std)	U	120–
NL	Narrow · Long	D01	0–10V (0.1%)	BK	Black	H	277VAC
WL	Wide · Long	DAL	DALI	GY	Grey		347VAC
		DMX	DMX	AM	Antimicrobial		

To start, boxes are specified by option code on existing luminaire spec sheets. Consult factory for custom colours and for centralized multi-driver configurations, which require layout knowledge and coordination.



One Driver Configuration



Centralized Multi-Driver Enclosure