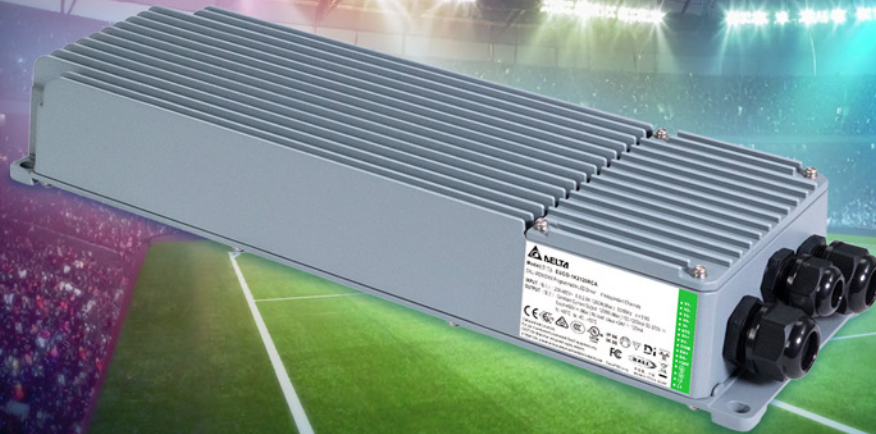


# LED Driver LNA Arena Sport Series

## 1,200 W Model IoT-Enabled with D4i Certification



Smart Light Effect



Simplified Installation



Robust Design

### LED Drivers

## Delta's Arena Sport Series LED Driver Empowers RGBW Control for Stadiums

Delta launches its cutting-edge Arena Sport Series quad-output LED power supplies, designed specifically to support RGBW 4 channels LED modules for dynamic scenario and multi-color control. Unlike typical single-color temperature solutions, the RGBW quad-outputs provide a wide range of color visuals and atmospheric lighting effects. This innovation is ideal for use in stadiums, buildings, and various environments, fully unlocking the color-dimming potential of LED lighting.

The Arena Sport Series include the LNA-1K2D12ABFGB for global markets and the EUCO-1K2120RCA tailored for the European market. They deliver 300W of power per output, with a wide voltage range of 50 to 370V<sub>DC</sub>. Users can independently adjust each output to suit different color temperature LED modules and required driving currents. Synchronous quad-output dimming control is also supported. These models offer a wide input voltage range from 187 to 528V<sub>AC</sub>, accommodating voltages such as 230V, 277V, 347V, 380V, and 480V. This flexibility therefore allows lighting manufacturers to reduce the model numbers for worldwide market and various LED drive voltages and color temperatures.

Additionally, these units meet flicker-free standard and 33 fps design, making it suitable for high-resolution TV shooting. They are also compatible with DALI-2/D4i and DMX/RDM dimming systems, providing efficient control for various lighting scenarios and enhancing the user experience in LED dimming and color adjustment. Moreover, they offer a range of programmable features, including Constant Lumen Output (CLO), Smart Timer Dim (STD), and Adjustable Output Current (AOC). These power supplies represent a world-leading, highly digitalized design for stadium lighting.

Furthermore, both the LNA-1K2 and the EUCO-1K2 models feature built-in surge protection of up to 10 kV and have received comprehensive international safety certifications, including CE, UKCA, ENEC, CCC, CUL, RCM... etc. (Notice: EUCO-1K2 model is specifically designed for European markets, hence it does not include CCC certification for China.) Our compliance with safety test standards and availability of complete reports significantly reduces customers' luminaire certification process.

## Product Information

LED Driver > LNA ARENA SPORT Series (Global Markets)

**1,200 W**



**LNA-1K2D12ABFGB**

187-528 V<sub>AC</sub> / 50-370 V<sub>DC</sub> / 1,200 W

<https://deltapsu.com/en/products/led-driver/LNA-1K2D12ABFGB>

LED Driver > EUCO ARENA SPORT Series (EMEA Market)

**1,200 W**



**EUCO-1K2120RCA**

187-528 V<sub>AC</sub> / 50-370 V<sub>DC</sub> / 1,200 W

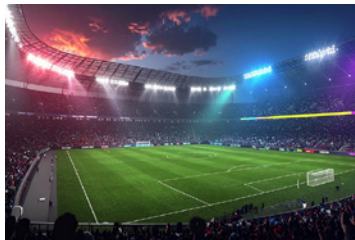
<https://deltapsu.com/en/products/led-driver/EUCO-1K2120RCA>

- Please contact your [local sales representative](#) for product availability. Alternatively, you may [leave us a message](#) and our sales representative shall get back to you.

## Features

- 4 independent programmable output channels
- Max. output power 1200 W (4\*300 W/channel)
- Configurable channel address mode (1\*DT6 / 1\*DMX or 4\*DT6 or 4\*DMX)
- High Efficiency up to 97%
- Programmable output current range 150-1200 mA
- Output voltage range of 50-370V<sub>DC</sub> per channel
- Built-in 2 in 1: DALI-2 & D4i and DMX/RDM communication protocols
- Wide dimming range 0.1-100%
- Flicker-free and no after-flow effect
- Strobe effects up to 33 fps
- High-accuracy integrated power metering
- Input surge protection: DM 10 kV / CM 10 kV

## Applications



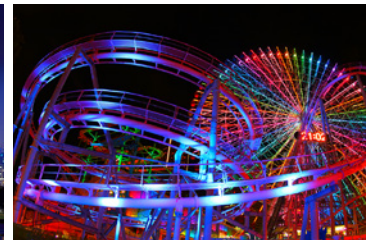
Sports Stadium



Sports Arena



Facade & Architecture



Outdoor Environment