



## 24 V System Constant Voltage



### Constant Voltage

For operation of LED modules

Direct current (constant current) is always required to operate LEDs. To obtain this constant current, there are three components in each operating device (LED driver): a transformer, a rectifier and a constant current regulator. In constant voltage operation, the constant current regulator becomes a component of the LED module and is no longer a part of the operating device.

**The advantages of constant voltage** are the simple expandability and safety due to the safety extra-low voltage (SELV). LED modules with constant voltage can only be connected in parallel. A central supply and dimming can be realised more easily.

### VS – Ideas with Systems

24 V for maximum design freedom

#### Constant – Convenient – Compact

##### ■ Flexible strip lighting – LED Line Flex

- For IP67 and IP20 applications
- Different CCTs (3000–5700 K) and RGBW

##### ■ Linear LED module in aluminium profile AluLED

- Slim, flat design "made in Germany"
- For IP67 and IP20 applications
- Different CCTs (2700–6000 K), RGB, Blue and Tuneable White
- Plug&Play through pre-assembled connectors

##### ■ Operating devices

- Output range of 20 to 320 W
- On/Off and dimmable versions (1–10 V, PUSH, DALI)
- For IP67 and IP20 applications

##### ■ Lighting controls

Innovative 4-channel constant voltage dimmer for lighting control via Bluetooth®

**VS PRODUCT SYSTEMS  
SIMPLY CONVINCING**