

24V Constant Voltage LED Drivers

VBLD-24V-SERIES



NON-DIMMABLE | DALI-DIMMABLE | TRIAC-DIMMABLE

Our 24V Constant Voltage LED Drivers offer a reliable and flexible solution for a wide range of lighting applications. Designed for both indoor and outdoor use, they are available in wattages from 30W to 200W and include non-dimmable, TRIAC-dimmable and DALI-dimmable options—making them suitable for everything from straightforward installations to smart lighting control systems in residential, commercial, or industrial settings.

The range includes IP20 models for dry indoor environments, as well as IP54 and IP67-rated versions for weather-exposed or more demanding conditions. Each driver is equipped with essential features like a wide input voltage range, built-in overload and short-circuit protection, and flicker-free output for consistent, safe performance. Ideal for LED strips, signage, retail and hospitality lighting, architectural accents, and facade lighting, these drivers are suitable for both simple on/off setups and advanced dimming control systems.

Key Features

- Non-Dimmable/ Dali-Dimmable/ Triac-Dimmable
- Consistent 24V output & wide input range
- Overload & short circuit protection
- Ensures optimal performance, longevity & reliability
- Easy integration
- Stable, flicker-free illumination
- Meets safety and performance standards
- IP20/ IP54/ IP67 rated
- Supplied with Flex & Plug
- 5 year warranty

**Many other MEAN WELL weatherproof drivers are also available.
Please consult with your Sales Representative to determine which option is best suited for your project.



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SPECIFICATIONS

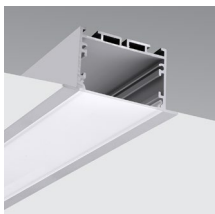
SKU	Power (W)	Constant Voltage (V)	Dimming	Wiring Method	IP Rating	Length (MM)	Width (MM)	Height (MM)	Warranty (YRS)
VBLD-24V-30W-IP20-FP	30	24	Non-Dimmable	Flex & Plug	20	146	35	25	5
VBLD-24V-75W-IP20FP	75	24	Non-Dimmable	Flex & Plug	20	190	42	28	5
VBLD-24V-150W-IP20FP	150	24	Non-Dimmable	Flex & Plug	20	286	42	31	5
VBLD-24V-200W-IP20FP	200	24	Non-Dimmable	Flex & Plug	20	286	42	31	5
Triac-Dimmable									
VBLD-24V-75W-IP20-D	75	24	Triac-Dimmable	Flex & Plug	20	334	31	22.5	5
VBLD-24V-150W-IP20-D	150	24	Triac-Dimmable	Flex & Plug	20	364	31	22.5	5
Dali-Dimmable									
VBLD-24V-75W-IP20DA	75	24	Dali-Dimmable	Flex & Plug	20	334	31	22.5	5
VBLD-24V-150W-IP20DA	150	24	Dali-Dimmable	Flex & Plug	20	364	31	22.5	5
Weatherproof									
VBLD-24V-80WWP-FL	80	24	Non-Dimmable	Flex & Plug	54	157	60	34	5
VBLD-24V-100WWP-FL	100	24	Non-Dimmable	Flex & Plug	67	170	60	34	5

Available in a wide range of wattages, dimming options and sizes, the 24V LED Drivers adapt to any project – Ideal for LED strips, signage, retail and hospitality lighting, architectural accents, and façade lighting, these drivers are suitable for both simple on/off setups and advanced dimming control systems.

Easily paired with LED Strips, Neon Flex and Aluminium Profiles, they provide a seamless solution for professional, custom lighting installations.

BROWSE OUR FULL RANGE OF ALUMINIUM PROFILES, LED STRIPS, LED COB LIGHTS & NEON FLEX

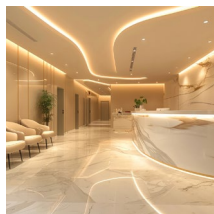
CLICK BELOW 



VB-RALP-SERIES
Recessed Aluminium Profiles



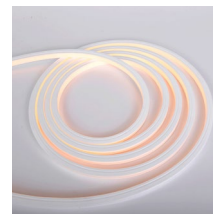
VB-SALP-SERIES
VB-SMALP-SERIES
Suspended/ Surface Aluminium Profiles



VBLST-24V-SERIES
LED Strip Lights



VBLST-24V-RGB-SERIES
RGB LED Strip Lights



NEON-FLEX-SERIES
LED Neon Flex



VBLST-24V-COB-SERIES
COB LED Strip Lights