

LED DRIVERS · EMUCA SMART

SMART LED Driver,

24V or 12V DC

A slim constant-voltage LED driver with six Miniled outlets and a control port for Emuca SMART sensors, from 15 W to 150 W.

DRIVER + LEAD + CONTROL CABLE



INPUT

220–240 V

AC

OUTPUT

24 / 12 V DC

POWER

15–150 W

OUTLETS

6 Miniled

THICKNESS

16.5 mm

PROTECTION

IP20 class II

Specification

24V DC codes	EM-5152420 15 W · 5152520 30 W · 5152620 60 W
24V DC codes (cont.)	EM-5152720 90 W · 5233020 150 W
12V DC codes	EM-5152020 15 W · 5152120 30 W · 5152220 60 W
Type	Constant voltage
Outlets	6 Miniled + 1 SMART control port
Housing	White polycarbonate
Mains lead	2 m, IEC C7 connector

Protection	Short circuit, overload, overheat
Reset	Automatic
Max cable to lights	8 m
Sensor on control port	Switches full driver output
Sensor not on port	Max 72 W (24V) / 36 W (12V)
Fixing	2 screws or adhesive pad
Use	Indoor, dry areas (IP20)

Ideal for

Wardrobe lighting

Kitchen cabinets

Shelving

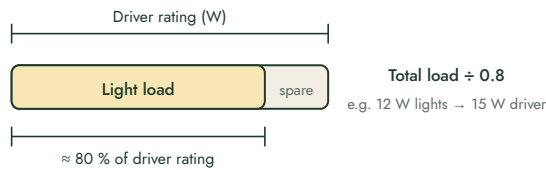
Display units

LED strips

Pyxis light bars

Choosing the size

Emuca sizing rule



Add up every light, sensor load and strip on the driver

Add up the total load and run the driver at about 80% of its rating. Example: 12 W of lights needs a 15 W driver.

Connections

Plug-and-play Miniled



Up to 6 lights per driver · max 8 m cable from driver

Up to 6 lights per driver, max 8 m of cable from driver to light. Fit SMART sensors on the control port to switch every outlet.

Fitting in six steps

01 Match the voltage

Use 24V drivers for 24V lights and 12V drivers for 12V lights.

03 Fix the driver

Screw or stick it in a ventilated, dry spot, out of sight.

05 Add control

Fit a SMART sensor or receiver on the control port.

02 Size the driver

Add up the load and allow about 20% spare.

04 Plug in the lights

Connect each light to a Miniled outlet.

06 Connect the mains

Fit the mains lead last, then switch on and test.

Good to know

- Never mix 12V and 24V lights on one driver.
- Keep the driver accessible and ventilated.
- Dry indoor areas only (IP20).
- The mains lead uses a standard IEC C7 (figure-8) connector.
- Automatic reset after a fault is cleared.
- Mains connection must comply with BS 7671.

Choose the output

24V DC: 15, 30, 60, 90 or 150 W. 12V DC: 15, 30 or 60 W.

24V 15W

24V 30W

24V 60W

24V 90W

24V 150W

12V 15W

12V 30W

12V 60W



SCAN TO ORDER

Technical data from Emuca's published product information and installation instructions for SMART LED drivers (51520, 51524 and 52330 ranges). Always check fit and wiring before final fixing. LED products must be powered by a suitable 24V DC (or 12V DC) constant-voltage driver. Emuca is a trademark of Emuca S.A.; ABJ Accessories is an independent UK stockist. Questions: info@abjaccessories.co.uk.