RGB + CCT Pixel COB LED Strip 24V

A 10 mm COB strip that combines full color and tunable white from warm to cool, with no visible dots. Addressable: gradients, animated effects and white light that follows your day.



- Continuous light: 840 COB LEDs per metre, no visible dots.
- RGB color and tunable white from 3000K to 6500K on one strip.
- Addressable: every segment lights up in its own color.
- CRI above 90: colors in the room stay true.
- 10 mm wide: fits 12 mm aluminum channels.
- Available in IP20 for indoor use, and soon in IP66 for outdoor use.
- **Available as:** IP20 · indoor, dry locations · IP66 · outdoor (specs coming soon)

LIGHT

Technology	COB, 840 LEDs/m, continuous line with no dots
Colors	RGB + warm white + cool white (RGBCCT)
Tunable white	3000K to 6500K
Luminous flux	500 to 700 lm/m
CRI	> 90
Color consistency	SDCM ≤ 3

ELECTRICAL

Voltage	24V DC
Power	23 W/m · 7.01 W/ft
Per 5 m roll	115 W (peak)
Max. run powered from one end	5 m
Power supply	24V non-dimmable, loaded to 80% max.

CONTROL

Type	Addressable (pixel), single data line
Driver IC	JD36703A, 2 per pixel (one RGB + one warm/cool white)
Channels	5 × 8 bits = 40 bits per pixel
Color order	R-G-B-WW-CW

Data rate	800 kHz
Pixels	to be confirmed with the manufacturer
Backup data line	none
Controller	SKYLED WiFi Controller

MECHANICAL

PCB width	10 mm
Thickness	2.1 mm
Cut point	every 71.4 mm
Roll length	5 m
Copper	2 oz
Adhesive	3M 9495LE
Min. bend radius	Ø 10 cm (4 in)
Channels	fits 12 mm aluminum channels

WIRING

Connectors	3-pin (V+, DI, GND) + 15 cm leads, both ends
Power leads	2 extra wires at one end: red V+, white GND
Wire gauge	22 AWG

ENVIRONMENT

Indoor version	IP20 · dry locations
Outdoor version	IP66 · width, power and certification: coming soon

GOOD TO KNOW

- Do not power the strip while it is still coiled on its reel; do not fold, twist or cover it.
- Beyond 5 m, feed power to each roll from the power supply.
- Not compatible with 120V dimmers or remotes for non-addressable strips.