

RGB COB NEON

LUMIFLAT™ RGB COB PWM NEON

Dotless 840-LED RGB COB neon in a low-profile flat housing.

Ultra-high-density flexible COB strip with **840 LEDs per meter** and a continuous, dotless emission. PWM-controlled RGB across three channels for smooth color mixing — no individual pixel addressability. **15mm x 5mm IP68 silicone** housing for outdoor or

- Dotless COB construction — no visible LED dots
- PWM RGB, 3 channels, fully linear-dimmable
- 15mm x 5mm low-profile flat silicone
- 840 LEDs per meter — 1.19mm LED pitch
- IP68 — fully waterproof
- Compatible with any 4-channel RGB controller

PRODUCT PHOTO

See <https://kg3.io/product-detail-lumiflat-cob.html> for product imagery.

840/m

LEDS PER METER

1.19mm

LED PITCH

15mm

PROFILE WIDTH

16W/m

POWER (MAX)

24VDC

INPUT VOLTAGE

RGB VS PIXEL

This is a **non-addressable** RGB strip — three channels (R, G, B) drive the entire run as one zone. Every meter shows the same color simultaneously. Pair with a 4-channel constant-voltage controller (DMX-to-PWM, ESP-based, or KG3 controllers). For pixel-by-pixel control, see the addressable WS2811 FCOB variant.

AVAILABLE LENGTHS FOR RENTAL

1m

3.3 ft

5m

16.4 ft

10m

32.8 ft

Custom lengths and quantities available upon request.

PHYSICAL SPECIFICATIONS

Profile	15mm x 5mm Flat
Housing	IP68 Silicone Overmold
Cut Increment	50 mm
Reel Length	5 m / reel
IP Rating	IP68
Connections	Bare Wire / KG3 Custom
Color Options	RGB

ELECTRICAL SPECIFICATIONS

Driver Type	PWM Constant Voltage
LED Density	840 LEDs/m
LED Pitch	1.19 mm
Input Voltage	24 VDC
Power Draw (Max)	16 W/m
Max Current	0.67 A/m
Channels	3 (RGB)

CONTROLLER COMPATIBILITY

KG3 24V PXL CTRL (RGB Mode)

DMX/Art-Net to PWM bridge for full-show integration of constant-voltage RGB

KG3 MAGIC CONTROLLERS

Wireless and standalone RGB control for venue and event installs