

RGB+CCT LED SHEET

RGB+CCT 75W LED SHEET

High-CRI flexible RGB+CCT backlight sheet for set & scenic.

Flexible RGB+CCT LED backlight sheet at a **240mm × 480mm** form factor (19" × 9.5"). **4-channel RGCCT** drive: red, green, blue, plus tunable white from **2700K warm to 6500K cool**. **75W per sheet at 24VDC**, full PWM control. **CRI Ra > 95** — accurate color rendering

- RGB + CCT (Tunable White) 4-channel PWM
- **CRI Ra > 95** — broadcast-grade color rendering
- Tunable white 2700K (warm) to 6500K (cool)
- 240mm × 480mm flexible sheet — peel-and-stick 3M backing
- Cuttable in 40mm × 40mm grid squares
- 75W per sheet — 3.125 A max draw at 24V

PRODUCT PHOTO

See <https://kg3.io/product-detail-rgbccct-sheet.html> for product imagery.

75^W

POWER PER SHEET

240mm

SHEET WIDTH

480mm

SHEET LENGTH

>95^{Ra}

CRI

24^{VDC}

INPUT VOLTAGE

TUNABLE WHITE — EXPLAINED

An **RGB+CCT** sheet adds two dedicated white channels (warm + cool) to the standard R, G, B set. By blending those whites you can dial the color temperature anywhere from **warm 2700K** through **cool 6500K** while still having full RGB color on top. Combined with **CRI > 95**, this is the go-to sheet for set wash where the white temperature has to match a tungsten or daylight key, on camera,

AVAILABLE LENGTHS FOR RENTAL

Single Sheet

240×480mm

Custom Cut

40mm grid

Multi-Sheet

Tiled to size

Custom lengths and quantities available upon request.

PHYSICAL SPECIFICATIONS

Form Factor	Flexible Sheet
Sheet Size	240 mm × 480 mm (19" × 9.5")
Cut Increment	40 mm × 40 mm
Mounting	3M Peel & Stick Adhesive
Connector	JST 6-Wire Ribbon
IP Rating	IP20 (Indoor)
Rated Life	50,000 hours

ELECTRICAL SPECIFICATIONS

Driver Type	PWM Constant Voltage
Color Format	RGCCT (4-channel)
CCT Range	2700K – 6500K
CRI	Ra > 95
Input Voltage	24 VDC
Power per Sheet	75 W
Max Current	3.125 A

CONTROLLER COMPATIBILITY

KG3 24V PXL CTRL (PWM Mode)

DMX/Art-Net to PWM bridge with native RGBCCT channel mapping

KG3 MAGIC CONTROLLERS

Wireless and standalone RGBCCT control for venue and event installs