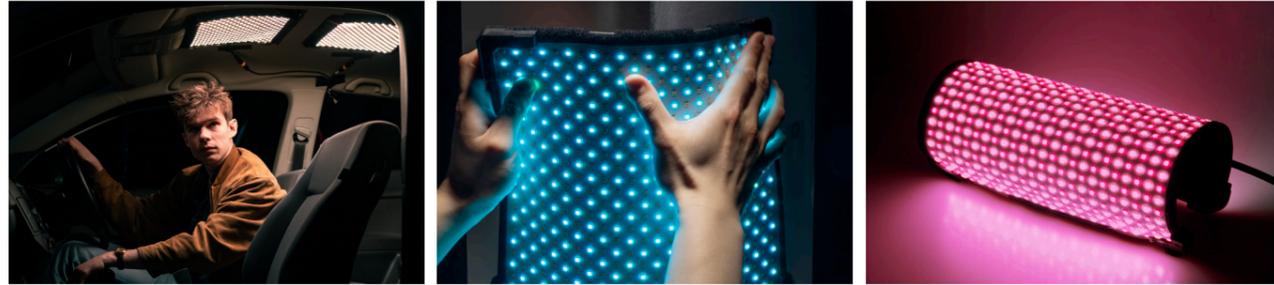


Portable and Flexible

Flexcolor provides the ultimate portability and variability. The two long connecting points on the body allows the mat to take various forms to fit your needs.



Specifications

| | Spec. | FC600 | FC1200 |
|-------------------------------|--|--|--|
| Mat | Light Output | 1900Lux, 170FC (@1m, 2,700K) 2000Lux, 185FC (@1m, 6,500K) | 3900Lux, 362FC (@1m, 2,700K) 4000Lux, 371FC (@1m, 6,500K) |
| | Power Consumption | 60W | 120W |
| | CRI / TLCI | CRI Average > 95 / TLCI Average > 95 | |
| | Color Temperature | 2,000K ~ 10,000K | |
| | Colored Light | Full RGB + WW Color | |
| | IP Rating (Mat Only) | IP64 | |
| | Beam Angle | 120° | |
| | LEDs | 576 | 1152 |
| Dimensions(mm) | 300 x 300 | 300 x 580 | |
| Controller | Display | OLED | |
| | Power Consumption | 150W Maximum(White), 50W(RGB) | |
| | Channel | Different channel depending on white light and RGB | |
| | Colored Light | Full RGB + WW color gamut with Hue and Saturation control | |
| | Color Rendition | CRI average > 95, TLCI average > 95 | |
| | Green-Magenta Adjustment | Continuously adjustable | |
| | Dimming | 0 ~ 100% | |
| | White Light Temperature | 2,000K ~ 10,000K, continuously variable correlated color temperature | |
| | HSI | Hue, Saturation, Intensity control | |
| | RGB | Full-color RGB control | |
| | GEL | Lee Filter, Rosco Filter | |
| | Light Effect | Can control the value of Effect Mode | |
| | Color Coordinates | Can control color coordinates by X-Y axes | |
| | Control | Onboard controller, 5-pin DMX In and Through, USB-A, wireless DMX, RDM | |
| | Battery Connector | Connection with V mount plate | |
| Lamphead Voltage Input | 12V ~ 24V DC | | |
| Battery DC Voltage Range | 12V ~ 24V DC | | |
| Battery Mode Light Output | 100% of total output | | |
| Remote Device Management(RDM) | Lumenradio module embedded(Timo Two FX). Standard RDM commands, DMX setup and control | | |
| Software Interface | USB-A: Firmware Upgrade | | |
| Cooling fan | Speed control by sensing or setting temperature and output | | |
| AC Power Supply | Power Supply Input Range | 100 ~ 240V, 50/60 Hz | |
| | Power Supply Output Range | 19.5V DC | |

* Fomex AC adapter and connector for RL31C: for FC



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All product specifications are subject to change without notice

flexcolor



New technologies, profound effects.

At Fomex, we're proud to include an exciting new RGBWW lighting solution in our Portfolio.

Flexcolor, utilizing Fomex's proprietary and unique technology for color mixing, combines LED light sources to produce a complete spectrum that can control millions of pastel colors, including high-quality white light sources.



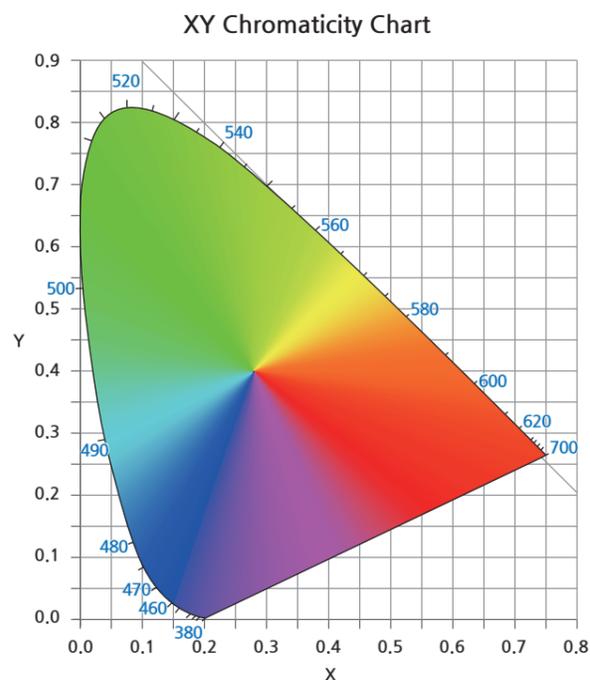
FOMEX®

Lighting Mode

Available control mode

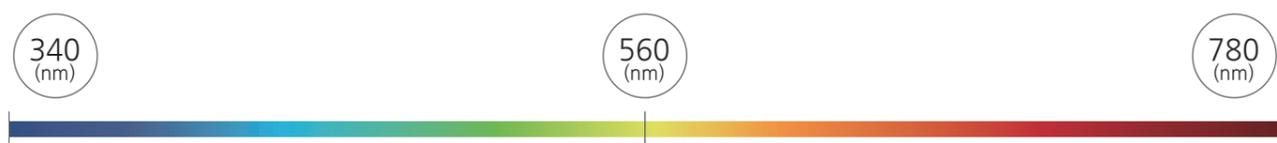
GEL / X-Y Coordinates / Effects / HSI / CCT / RGB

Only the Fomex FC RGBWW mat can perfectly fulfill the conditions required for various lighting directions through excellent light quality and color reproduction. The FC RGBWW LED lighting mat surpasses the limits of traditional lighting sources and provides CCT functionality that enables the tuning of broadband light sources ranging from 2,000K to 10,000K. Also, the industry-standard color gel preset mode and GEL / X-Y Coordinates / Effects / HSI / CCT / RGB modes are provided to maximize convenience and sensitively respond to various user needs.

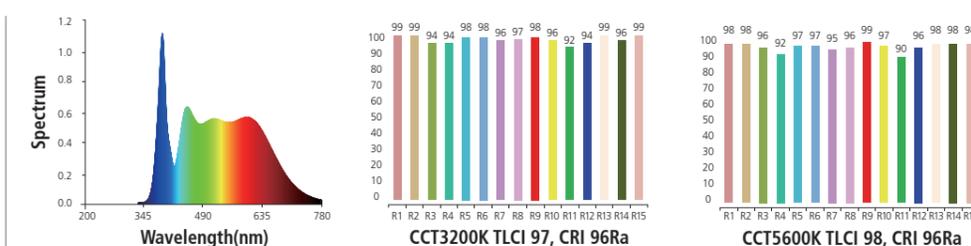


TLCI 95 & CRI 95

Fomex's Flexcolor provides ideal and stable light through the highest-grade light quality that can be implemented through artificial light source. The light is measured at an impressive TLCI 95 (CRI 95), which is the same level with natural light.



Spectrum Report

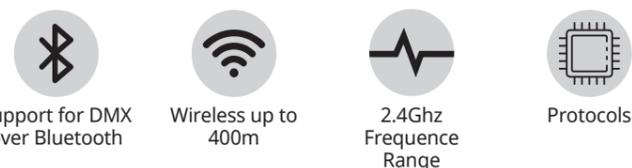


Wireless Control CRMX (DMX & RDM)

Lumen Radio CRMX Wireless Control System

The Lumen Radio CRMX, which has established itself as the industry standard for wireless lighting control systems, automatically detects signal transmissions and is capable of wirelessly controlling DMX channels with high reliability in any situation.

Timo Two Bluetooth module is considered the most reliable module in the wireless DMX market, due to its easy and quick implementation of lighting system set ups and the capability to control through multiple portable devices using shared Bluetooth control technology.



IP64 rated surface FC mat

Proves to be durable even in harsh production environments through the waterproof and dustproof IP64 standard.



Photobiological Safety

The wavelength spectrum of LED, which has been certified for photobiological safety, is a safe light that does not irritate the eyes and skin.



Compatible

Compatible with various accessories, such as diffusers and softboxes for the FC series.



Accurate Dimmer Control

With a dedicated controller for accurate light intensity control, it is possible to sensitively control the amount of light from 0 to 100%.

