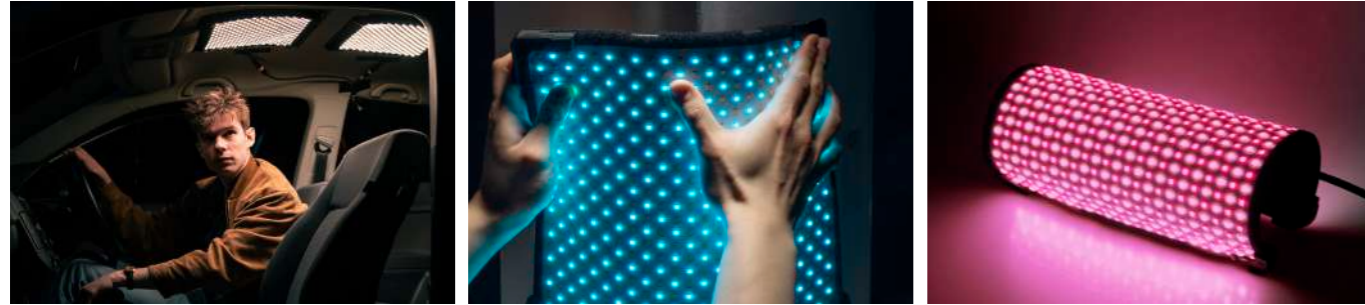


Portable and Flexible

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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www.fomex.com e-mail: info@fomex.com

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.



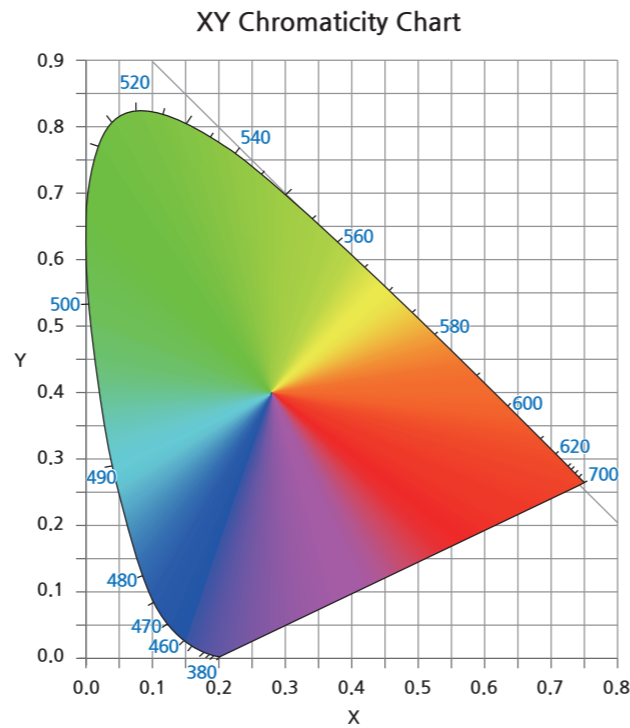
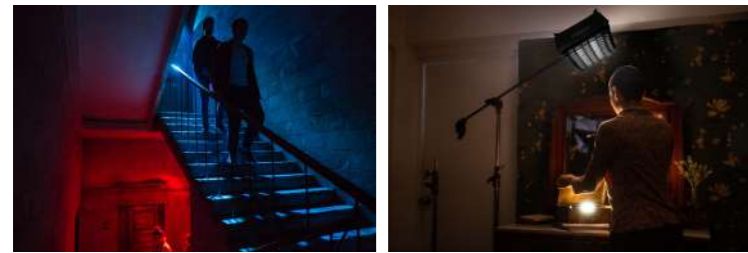
FOMEX®

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.

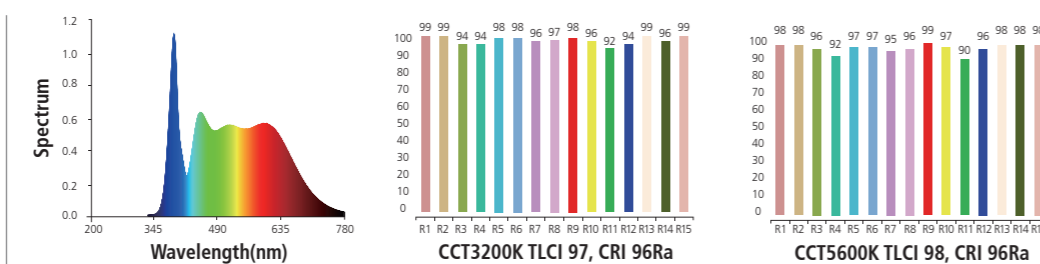


TLCI 95 & CRI 95

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

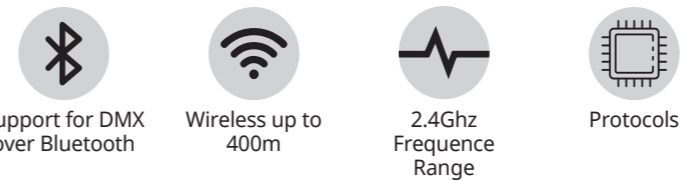


Wireless Control CRMX (DMX & RDM)

Lumen Radio CRMX Wireless Control System

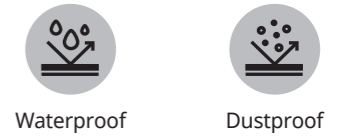
The Lumen Radio CRMX, which has established itself as the industry standard for wireless lighting control systems, automatically detects signal transmissions and is capable of wirelessly controlling DMX channels with high reliability in any situation.

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.



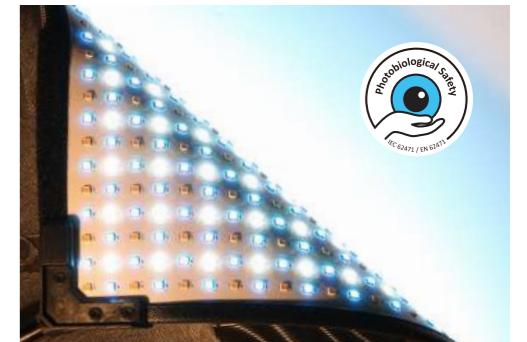
IP64 rated surface FC mat

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%.

