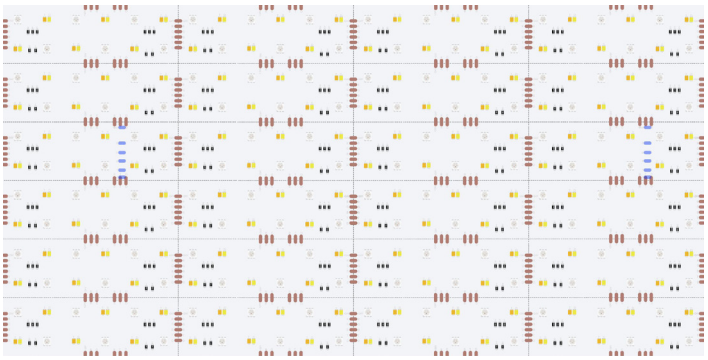
GLULighting®

LED FLEX MAT ™ CINEMA CHROMA SERIES

5050 RGB+2835TD 432LEDs SERIES

2024 Version 1.0

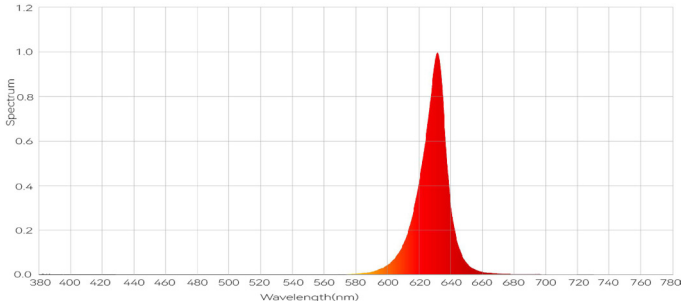
The CINEMA Chroma RGBTD LED Flex Panel ™ series is the most popular product series to the Chroma Mat family. They are come with 5050 RGB 3-in-1 SMD combined with Cinema quality 2835 Daylight and 2835 Tungsten SMD, Ra>95, full sperum R1-r15 all above 90, TLCI>95. With various cuttable versions working with DC12V and DC24V, different density available for different choice, Designed for cinema, television, viedo, by using professional high frequency controller or 4 channels DMX decoder supplied by GLU Light, you can achieve more rich colors, and correct colors in a large area, with 120 degree view angle allows for soft, uniform output even at close distance. They are vrsatile, light-weight, color-correct and economical makes all thest light mat a hit with cinematographers and DOPs alike.



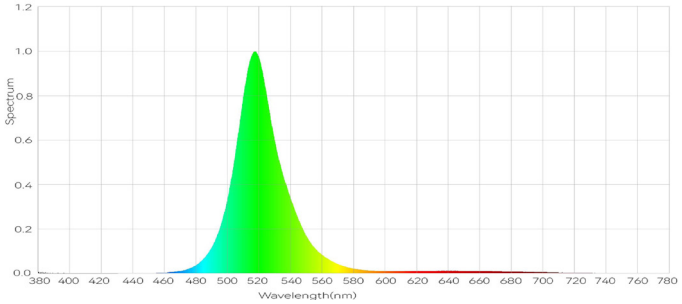
24V TECHNICAL SPECIFICATIONS, 12VDC

Product Name:	LED Flex Mat ™ Cinema Chroma RGBTD 432LEDs Series
Product Code:	GLUB24CV424L0203FP06W432C3
Part Number:	GLU-P5L0203FP432-24V
Color:	RGBTD
LED Qty./PCS:	432LEDs （RGB+Tungsten+Daylight each 144pcs）
Working Voltage:	24 VDC Typ. (18-26 VDC Constant Voltage)
Max. Current per PCS:	3.33A
Max. Power per PCS:	80W
Current for each Color:	R 0.432A /G 0.432A/B 0.432A/T 1.08A/D 1.08A
Power for each Color:	R 10.4W/G 10.4W/B 10.4W/T 25.9W/D 25.9W
WLD Colors:	R 620-625nm G 520-525nm B 460-465nm
CCT Whites (Typ.):	2800K(Tungsten)/6500K(Daylight)
CRI Whites(Min.):	95+(Tungsten)/95+(Daylight)
R1-R15 Whites(Min.):	95+
TLCI Whites(Typ.):	95+(Tungsten)/95+(Daylight)
TM-30 Data Whites:	Rf>95, Rg>102,CQS>97(Tungsten/Daylight)
View Angle:	120°
Max. Lumen(Typ.):	360(Red)/820(Green)/190(Blue) 2080(Tungsten)/2350(Daylight)
Cuttable or not:	Yes
Dimension:	480mm×240mm(18.9in×9.45in)
Mini Cuttable Segment:	120×40mm(4.72×1.57in.)
Cuttable Segment per Piece:	24
LEDs per Cut Segment:	18pcs （RGB+Tungsten+Daylight each 6pcs）
Mat overall Thickness:	2.14mm(0.084 in.)
Copper Thickness:	3oz(1oz+2oz)
LED Specing:	20mm(0.79in.) Center to Center
Connector:	6 pin Bared Cable(20AWG)
Mounting:	3M 9080HL(Others optional)
Weight:	0.146kg(0.32lb) include lead wire without backadhesive
Operation Temperature:	-20° C to +50° C
LED Lifetime:	50,000 Hrs
IP Grade:	IP20
Certification:	UL/CUL(US/Canada),CE Compliant (Europe)

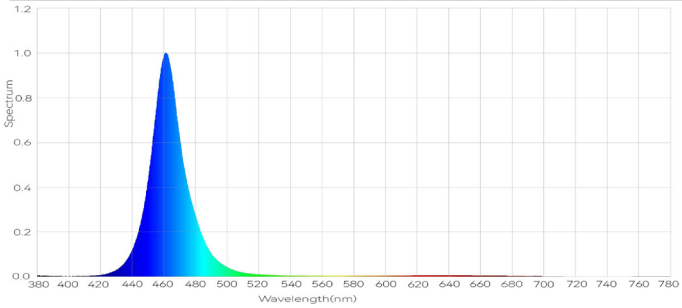
5050 RGB COLOR SPECTRUM & WAVELENGTH



RED(WLD 621.2nm) COLOR SPECTRUM & WAVELENGTH



GREEN(WLD 523.6nm) COLOR SPECTRUM & WAVELENGTH



BLUE(WLD 466.0nm) COLOR SPECTRUM & WAVELENGTH

SHENZHEN GLU LIGHTING CO., LTD.
6F, Bldg A2, New Times Gongrong Industrial Area, No.2 Shihuan Rd.,
Shilong Community, Shiyan Sub-district, Bao'an District,
Shenzhen, Guangdong Province, P.R.China, 518108

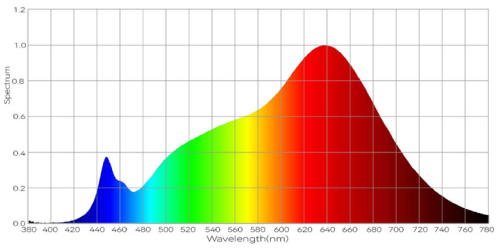
Tel:+86-755-23708101/23708102
Email: info@glu-light.com, sales@glu-light.com
Web: www.glulightstrip.com

GLULighting®

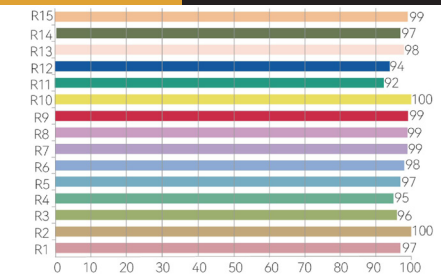
LED FLEX MAT™ CINEMA CHROMA SERIES

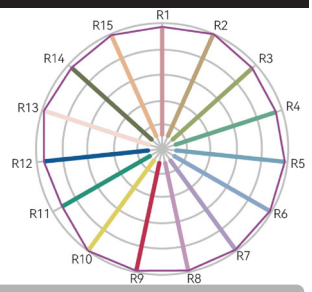
SOSO RGB+2835TD 432LEDs SERIES

2024 Version 1.0

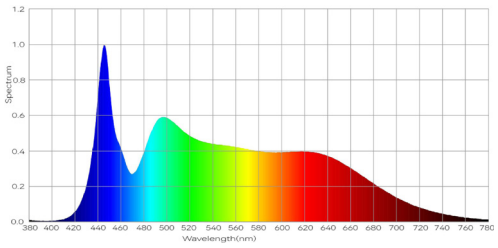


2835 TUNGSTEN SPECTRUM & WAVELENGTH

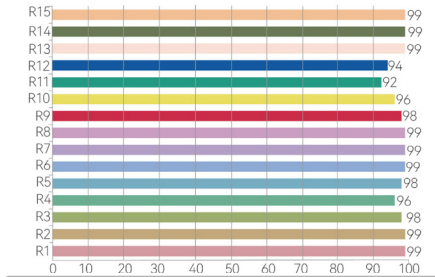


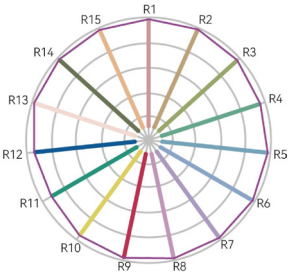


2835 TUNGSTEN COLOR RENDERING INDEX CCT 2766K Ra=97.3



2835 DAYLIGHT SPECTRUM & WAVELENGTH

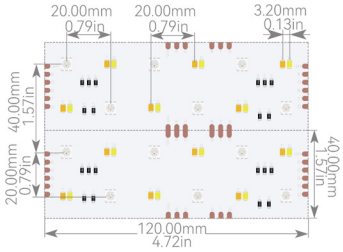




2835 DAYLIGHTCOLOR RENDERING INDEX CCT 6498K Ra=98.4

DIMENSION

24V



24V



24V



SHENZHEN GLU LIGHTING CO., LTD.
6F, Bldg A2, New Times Gongrong Industrial Area, No.2 Shihuan Rd.,
Shilong Community, Shiyan Sub-district, Bao'an District,
Shenzhen, Guangdong Province, P.R.China, 518108

Tel:+86-755-23708101/23708102
Email: info@glu-light.com, sales@glu-light.com
Web: www.glulightstrip.com

LED LIGHT MAT CHROMA

ACCESSORIES

Jummper Wire

18/20AWG Jummper Wire in 15cm	GLU-W6P-15
18/20AWG Jummper Wire in 100m Roll	GLU-W6P-10000

High Frequency DMX Decoder

12-24V, 25-48V, 6CH×5A	PWM 5K/10K/20K/30KHz	GDE0605HF
12-24V 6CH×10A	PWM 5K/10K/20K/30KHz	GDE0610HF
12-24V 24CH×4A	PWM 5K/30KHz	GDE2404HF
12-24V 32CH×4A	PWM 5K/22KHz, 5K/30KHz	GDE2404HF

Power Supplier

Meanwell LRS Series	LRS-350-12/24/48
Meanwell HLG Series	HLG-240H-12/24/48A, HLG-320H-12/24/48A

Adaptor

Meanwell GTS Series	GST280A12/24/48-C6P
Meanwell GTS Series	GST360A12-C8P/GST360A24/48-C6P

More Accessories, please contact sales man for catalogue.

SHENZHEN GLU LIGHTING CO., LTD.
6F, Bldg A2, New Times Gongrong Industrial Area, No.2 Shihuan Rd.,
Shilong Community, Shiyan Sub-district, Bao'an District,
Shenzhen, Guangdong Province, P.R.China, 518108

Tel:+86-755-23708101/23708102
Email: info@glu-light.com, sales@glu-light.com
Web: www.glulightstrip.com