

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-Tungsten-Daylight 5-in-1 SMD and cinema quality tungsten and daylight color, Ra>95, full sperum R9 above 90 and R12 above70, 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, 24VDC

Product Name: LED Flex Mat™ Cinema Chroma RGBTD 450LEDs Series

Product Code: GLUB24CV424L0200FP06W450C3

Part Number: GLU-P5L0200FP450-24V

Color: RGBTD

LED Qty./PCS: 450LEDs

Working Voltage: 24 VDC Typ. (18-26 VDC Constant Voltage)

Max. Current per PCS(UL Standard): 4.16A

Max. Current per PCS(CE Standard): 6.25A

Max. Power per PCS(UL Standard): 100W

Max. Power per PCS(CE Standard): 150W

Current for each Color(UL Standard):R 0.9A /G 0.9A/B 0.9A/T 0.9A/D 0.9A

Current for each Color(CE Standard):R 1.27A /G 1.27A/B 1.27A/T 1.27A/D 1.27A

Power for each Color(UL Standard):R 21.5W/G 21.5W/B 21.5W/T 21.5W/D 21.5W

Power for each Color(CE Standard):R 30.6W/G 30.6W/B 30.6W/T 30.6W/D 30.6W

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)

TLCI Whites(Typ.): 95+(Tungsten)/95+(Daylight)

View Angle: 120°

Max. Lumen(Typ.)(UL Standard): 800(Red)/2100(Green)/520(Blue)

1320(Tungsten)/1570(Daylight)

Max. Lumen(Typ.)(CE Standard): 1145(Red)/2750(Green)/695(Blue)

1860(Tungsten)/2230(Daylight)

Cuttable or not: Yes

Dimension: 480mm×240mm(18.9in×9.45in)

Mini Cuttable Segment: 96×48mm(3.78×1.89in.)

Cuttable Segment per Piece: 25

LEDs per Cut Segment: 18pcs

Mat overall Thickness: 2.1mm(0.083in.)

Copper Thickness: 3oz(1oz+2oz)

LED Specing: 16mm(0.63in.) Center to Center

Connector: 6 pin Bared Cable(20AWG)

Mounting: 3M 9080HL(Others optional)

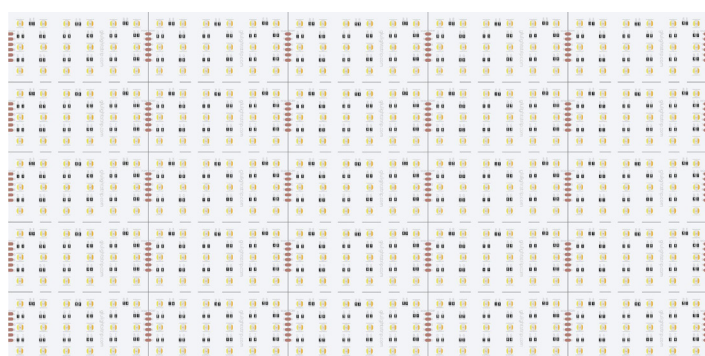
Weight: 0.146kg(0.32lb) include lead wire without backadhesive

Operation Temperature: -20° C to +50° C

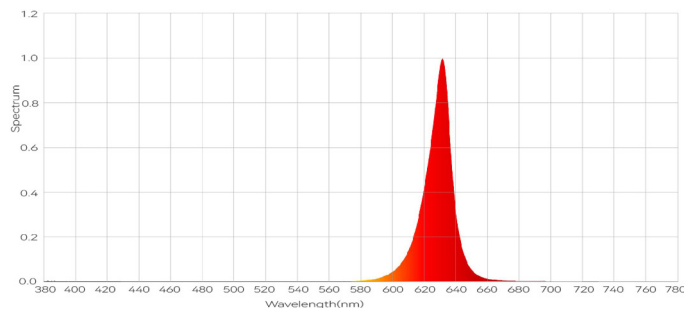
LED Lifetime: 50,000 Hrs

IP Grade: IP20

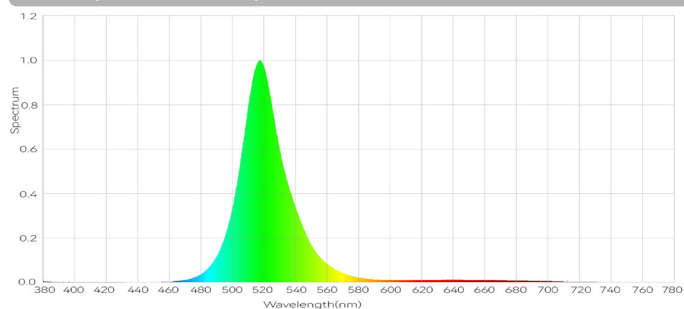
Certification: UL/CUL(US/Canada),CE Compliant (Europe)



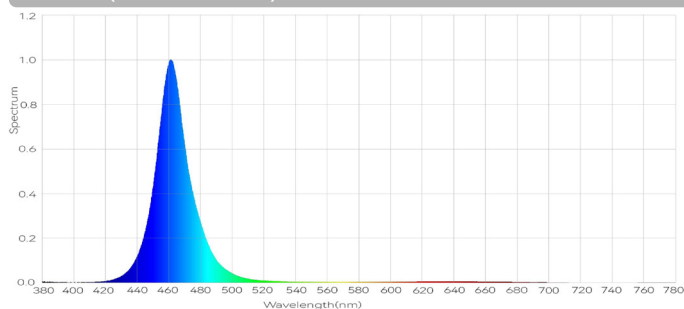
RGBTD 5-in-1 COLOR SPECTRUM & WAVELENGTH



RED(WLD 621.2nm) COLOR SPECTRUM & WAVELENGTH



GREEN(WLD 523.6nm) COLOR SPECTRUM & WAVELENGTH



BLUE(WLD 466.0nm) COLOR SPECTRUM & WAVELENGTH



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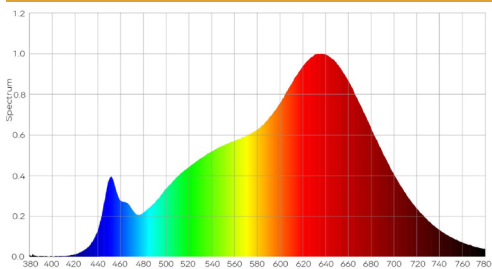
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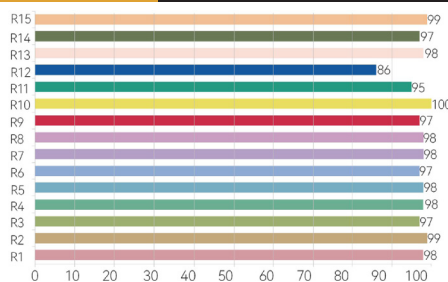
Email: info@glu-light.com, sales@glu-light.com

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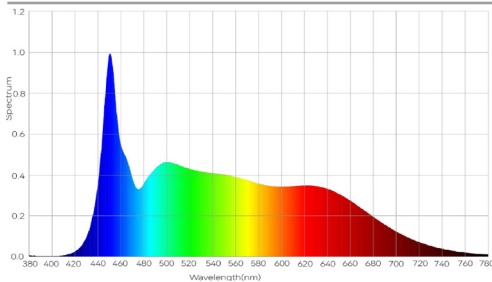
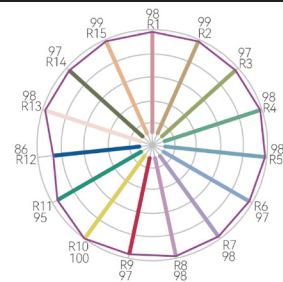




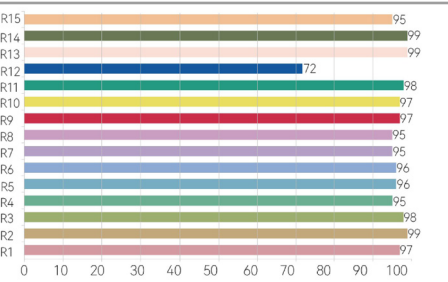
RGBTD 5-in-1 TUNGSTEN SPECTRUM & WAVELENGTH



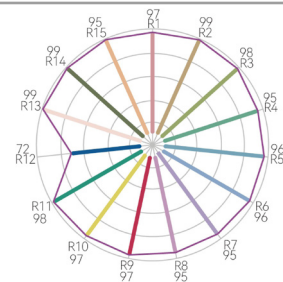
RGBTD 5-in-1 TUNGSTEN COLOR RENDERING INDEX CCT 2795K Ra=97.9



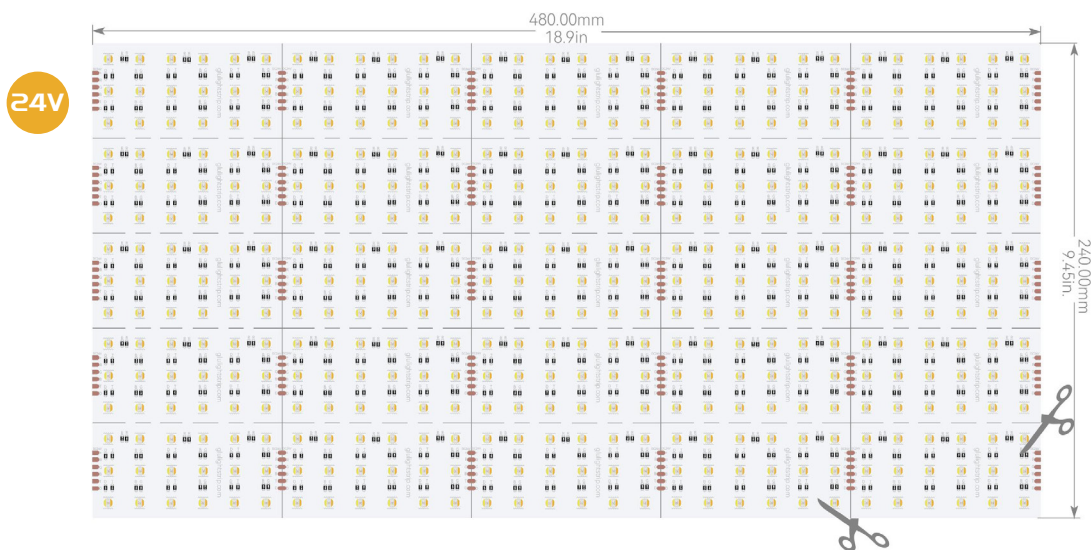
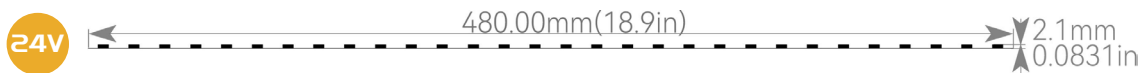
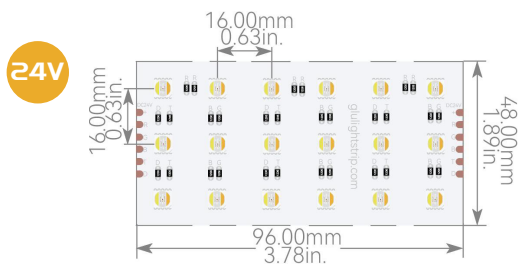
RGBTD 5-in-1 DAYLIGHT SPECTRUM & WAVELENGTH



RGBTD 5-in-1 DAYLIGHT COLOR RENDERING INDEX CCT 6479K Ra=96.2



DIMENSION



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ACCESSORIES

Jummpers Wire

18/20AWG Jummpers Wire in 15cm	GLU-W6P-15
18/20AWG Jummpers 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.