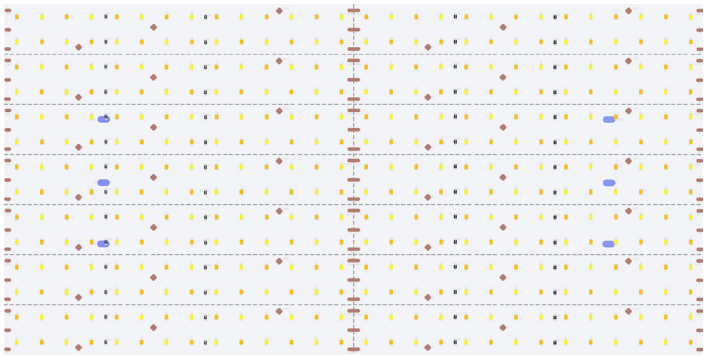
GLULighting®

LED FLEX MAT™ CINEMA HYBRID SERIES

2835 HYBRID 392LEDs SERIES

2024 Version 1.0

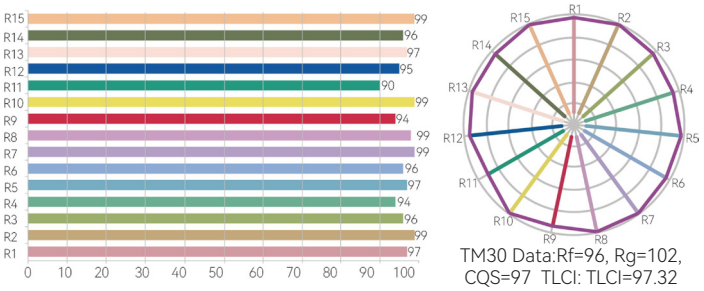
CINEMA Hybrid 2835 LED Flex Panel ™ Series is one of the most popular series in the Flexible Panel family. CINEMA Hybrid LED Flex Panel ™ series use tungsten/flame combined with daylight sources CCT from 2000K with 10000K and among, high CRI 95+, with full spectrum R1-R15 all above 90, all TLCI>95, which offers realiable true color and give you a incredible color reproduction. By using your professional high frequency controller or DMX decoder supplied from GLU Lighting, it can achieve all CCT between.Cuttable with DC12V, DC24V and different density for choice, with 120 degree view angle allows for soft, even output even at close distances. Extremely vrsatile, light-weight, color-correct, and economical make all these LED Mat a hit with cinematographers and DOPs alike.



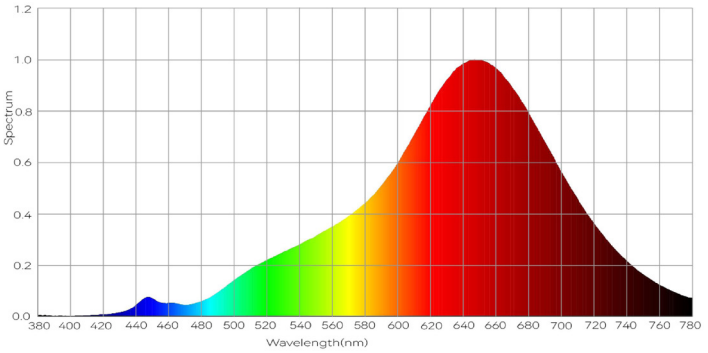
TECHNICAL SPECIFICATIONS, 24VDC

- **Product Name:** LED Flex Mat ™ Cinema Hybrid 392LEDs Series
- **Product Code:** GLUB24CV424L0300BI07W392C3
- **Part Number:** GLU-P2L0300BI392-24V
- **Color:** Hybrid/CCT/Bi-color
- **LED Qty./M:** 392LEDs(Tungsten/Daylight each 196LEDs)
- **Working Voltage:** 24 VDC Typ. (18-26 VDC Constant Voltage)
- **Max. Current per PCS:** 2.5A
- **Max. Power per PCS:** 60W
- **Current for each color per PCS:** T/D 1.25A
- **Power for each color per PCS:** T/D 30W
- **CCT Whites:** Tungsten 2000-3500K Daylight 5000-10000K
- **CCT Whites(Typ.):** Tungsten 2700K/2800K Daylight 5600K/6500K
- **View Angle:** 120°
- **Lumen per PCS(Typ.):** 2830(Tungsten)/3180(Daylight)
- **CRI(Min.):** 95+(Tungsten)/95+(Daylight)
- **R1-R15 Value(Typ.):** 90+(Tungsten)/90+(Daylight)
- **TLCI(Typ.):** 95+(Tungsten)/95+(Daylight)
- **TM-30 Data(Typ.):** Rf>95, Rg>102,CQS>97(Tungsten/Daylight)
- **Cuttable or not:** Yes
- **Dimension:** 480mm×240mm(18.9in×9.45in)
- **Mini Cuttable Segment:** 240×34.28mm(9.45×1.35in.)
- **Cuttable Segment per Piece:** 14
- **LEDs per Cut Segment:** 28pcs (Tungsten/Daylight each 14pcs)
- **Mat overall Thickness:** 1.3mm(0.051 in.)
- **Copper Thickness:** 3oz(1oz+2oz)
- **LED Specing(Same Color):** 34.28mm(1.35in.) Center to Center
- **Connector:** 3 pin Bared Cable(18AWG)
- **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)

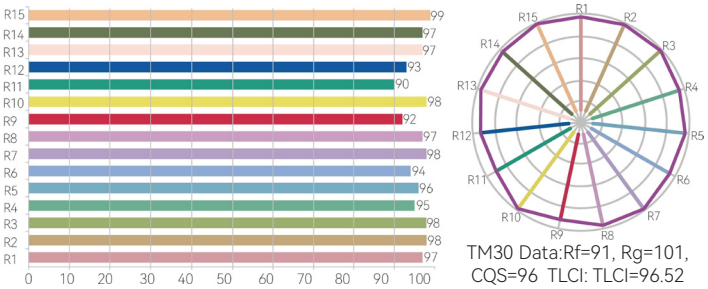
2835 TUNGSTEN COLOR SPECTRUM & WAVELENGTH



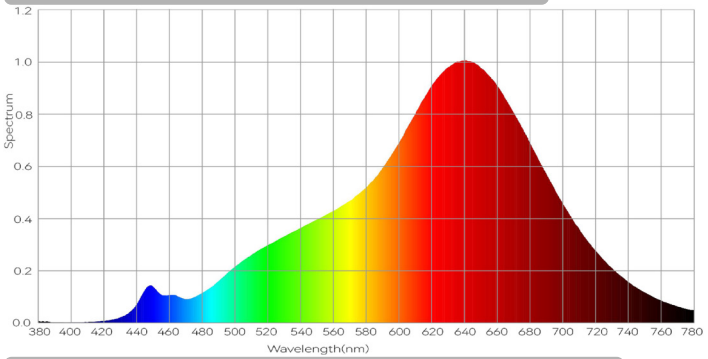
2835 FLAME COLOR RENDERING INDEX CCT 2008K Ra=97.1



2835 FLAME COLOR SPECTRUM & WAVELENGTH CCT 2008K Ra=97.1



2835 FLAME COLOR RENDERING INDEX CCT 2262K Ra=96.6



2835 FLAME COLOR SPECTRUM & WAVELENGTH CCT 2262K Ra=96.6

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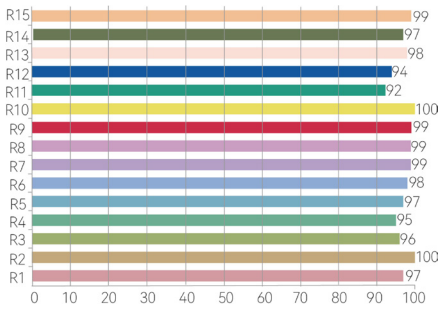
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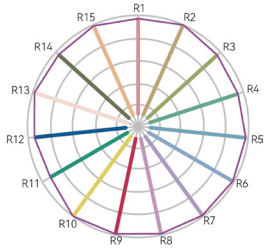
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2835 HYBRID 392LEDs SERIES

2024 Version 1.0

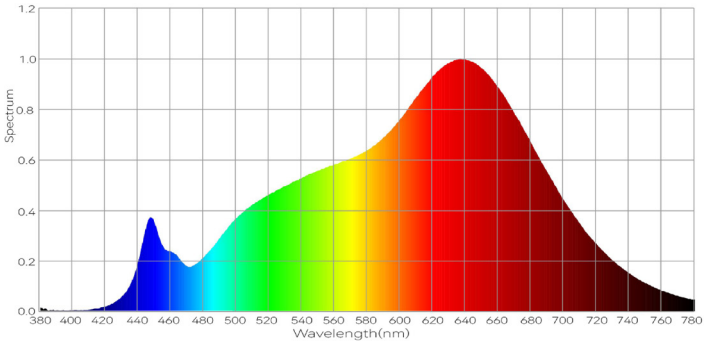
2835 TUNGSTEN COLOR SPECTRUM & WAVELENGTH





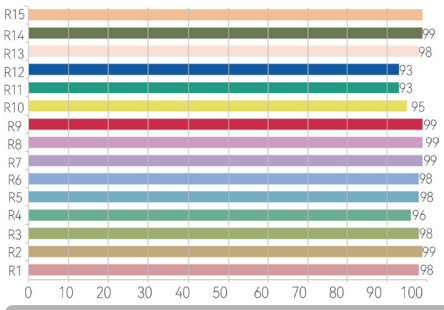
TM30 Data:Rf=96, Rg=102,
CQS=97 TLCI: TLCI=97.32

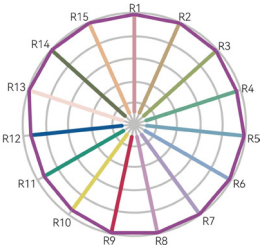
2835 TUNGSTEN COLOR RENDERING INDEX CCT 2766K Ra=97.3



2835 TUNGSTEN COLOR SPECTRUM & WAVELENGTH CCT 2766K Ra=97.3

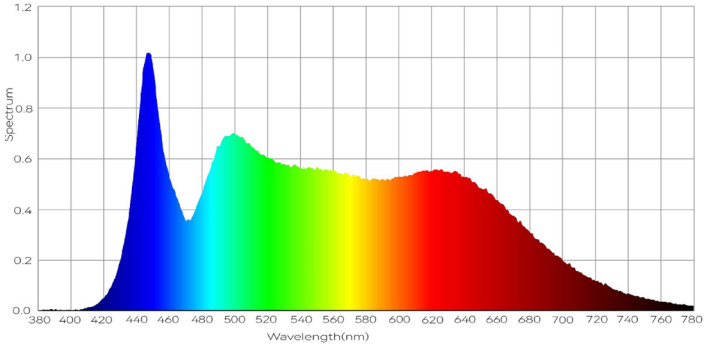
2835 DAYLIGHT COLOR SPECTRUM & WAVELENGTH



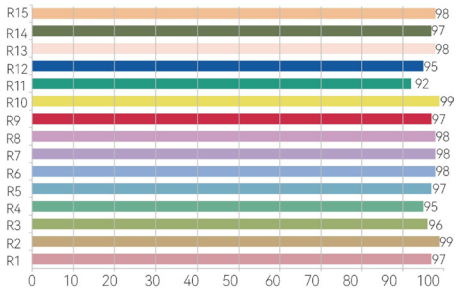


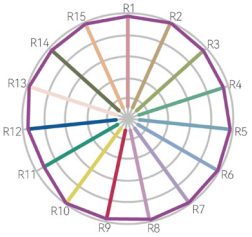
TM30 Data:Rf=97,Rg=103,
CQS=97 TLCI: TLCI=97.2

2835 DAYLIGHT COLOR RENDERING INDEX CCT 5653K Ra=98.3



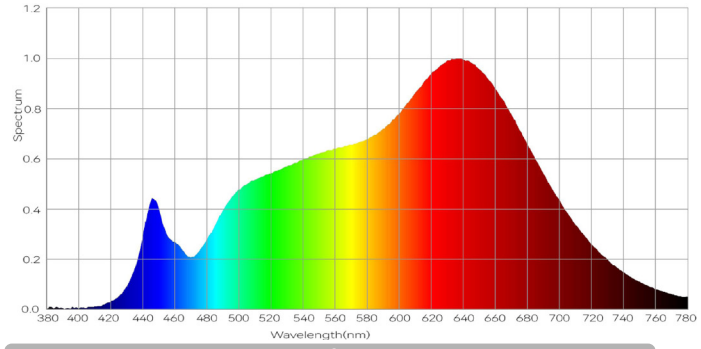
2835 DAYLIGHT COLOR SPECTRUM & WAVELENGTH CCT 5653K Ra=98.3



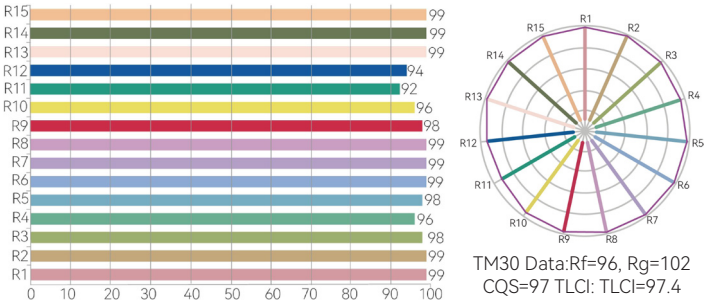


TM30 Data:Rf=98 , Rg=102,
CQS=98 TLCI: TLCI=98.3

2835 TUNGSTEN COLOR RENDERING INDEX CCT 3152K Ra=97.4

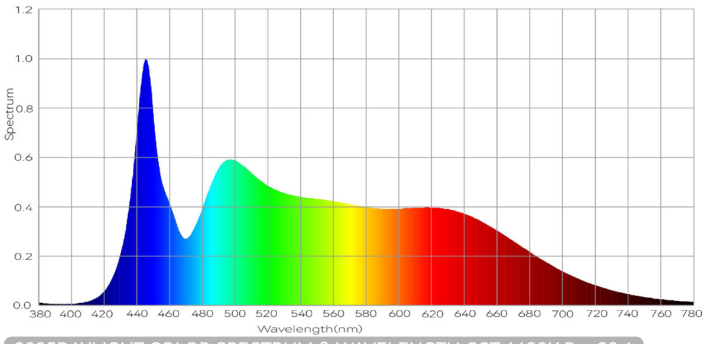


2835 TUNGSTEN COLOR SPECTRUM & WAVELENGTH CCT 3152K Ra=97.4

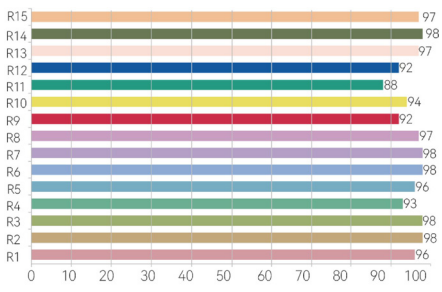


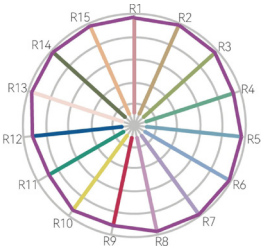
TM30 Data:Rf=96, Rg=102
CQS=97 TLCI: TLCI=97.4

2835DAYLIGHT COLOR RENDERING INDEX CCT 6498K Ra=98.4



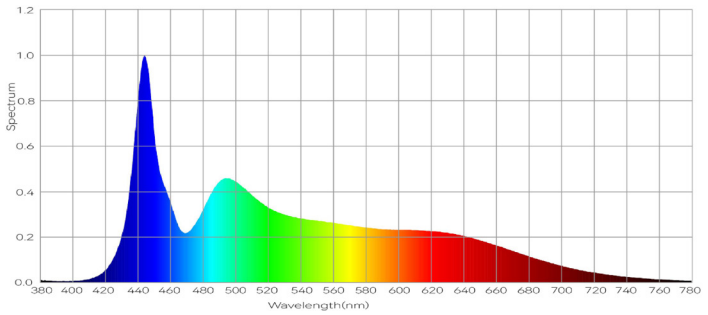
2835DAYLIGHT COLOR SPECTRUM & WAVELENGTH CCT 6498K Ra=98.4





TM30 Data:Rf=95, Rg=103,
CQS=97 TLCI: TLCI=98.26

2835 BLUE DAYLIGHT COLOR RENDERING INDEX CCT 10518K Ra=96.9



2835 BLUE DAYLIGHT COLOR SPECTRUM & WAVELENGTH CCT 10518K Ra=96.9

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Web: www.glulightstrip.com

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LED FLEX MAT™ CINEMA HYBRID SERIES

2835 HYBRID 392LEDs SERIES

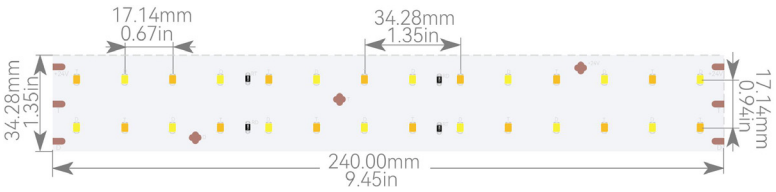
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PHOTOMETRIC DATA @24V DC – *Centimeters(ft)/Lux(Fc)*

	30.5cm(1ft)		61cm(2ft))		91cm(3ft))		122cm(4ft))		152cm(5ft))	
	Lux	Footcandle(Fc)	Lux	Footcandle(Fc)	Lux	Footcandle(Fc)	Lux	Footcandle(Fc)	Lux	Footcandle(Fc)
Tungsten 2800K	6630	690	2730	250	1430	140	890	85	600	57
Daylight 6500K	10100	1000	3800	380	2160	200	1288	126	633	61

DIMENSION

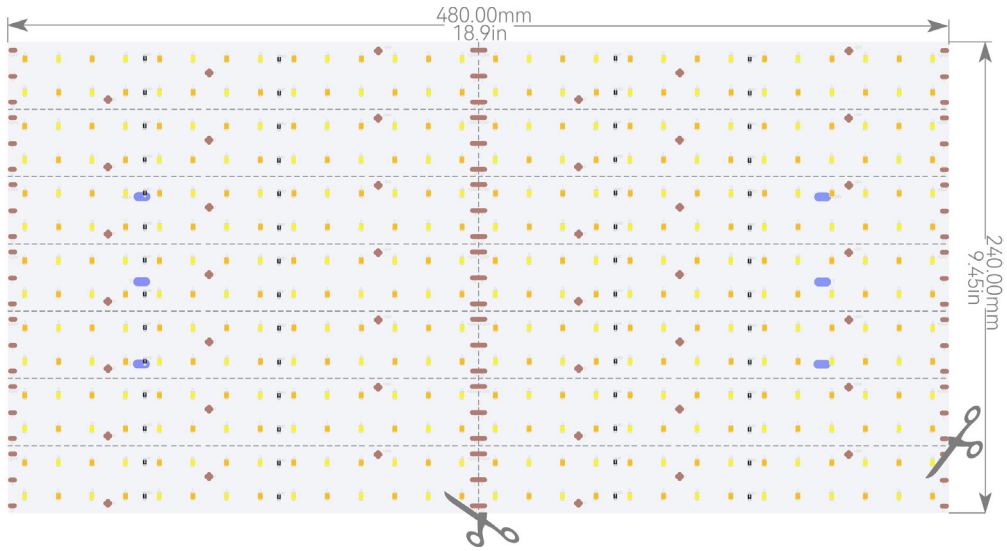
24V



24V



24V



ACCESSORIES

Jummper Wire

18AWG Jummper Wire in 15cm	GLU-W3P-15
18AWG Jummper Wire in 100m Roll	GLU-W3P-10000

High Frequency DMX Decoder

12-24V, 4CH×5A	PWM 5K/10K/20K/30KHz	GDE0405HF-LCD
12-24V, 4CH×10A	PWM 5K/10K/20K/30KHz	GDE0410HF
12-24V, 25-48V, 6CH×5A	PWM 5K/10K/20K/30KHz	GDE0605HF
12-24V 6CH×10A	PWM 5K/10K/20K/30KHz	GDE0610HF

High Frequency CCT Dimmer

12-24V, 2CH×6A RF Dimmer	8K/16KHz	DIM0206HF-3BRF
12-24V, 2CH×10A(Max.) Rotary RF Dimmer	1K/2K/4K/8K/16KHz	DIM02010HF-2XRF

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.

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