GLULighting®

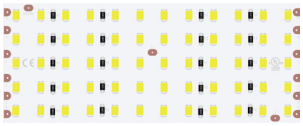
LEDRIBBON ™ CINEMA SINGLE COLOR SERIES

2835 MULTI-ROWS SINGLE COLOR SERIES

2024 Version 1.0

CINEMA Single Color 2835 Multi-rows Flex LED Ribbon ™ Series is a popular series in the CINEMA Strip Series. For the CINEMA Single Color 2835 Multi-rows Flex LED Ribbon ™ Series use flame/tungsten CCT from 2000K-3500K,Natural white 4000-4500K, or daylight sources CCT from 5000K with 10000K and among, high CRI 95+, with full spectrum R1-R15 all above 90, all TLCI>95. For the whole series we also offer Single color Red(620-625nm), Green(520-525nm), Blue(465-470nm), Amber(590-595nm), UV(395-405nm) and also other customized color, like limen, Orange, Pink etc. Cuttable with DC12V, DC24V, DC48V and different density, 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 Single color LED Strip a hit with cinematographers and DOPs alike.

48V



48V TECHNICAL SPECIFICATIONS, 48VDC

Product Name: LED Ribbon ™ Cinema Single Color R5 Series

Product Code: GLUA48CV040L0300XX15W600C3

Part Number: GLU-S1L0300XX600-48V(XX-WW,NW,SW)

Color: Single Color

LED Qty./M: 600LEDs

Working Voltage: 48 VDC Typ. (31-50 VDC Constant Voltage)

Max. Current per meter: 1.4A

Max. Power per meter: 67.2W

CCT Whites: 2000-10000K

CCT Whites(Typ.): Tungsten 3200K/Daylight 6500K(5600K Optional)

View Angle: 120°

Lumen per Meter(Typ.): 7490(Tungsten)/7750(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

Max. Length (UL/CUL Standard): 1500mm(98.43in./4.92ft)

Max. Length (CE Standard): 3000mm(118.11in./9.84ft)

Mini Cuttable Segment: 100mm(3.94in.)

Cuttable Segment per meter: 10

LEDs per Cut Segment: 60cs

Total LEDs per Roll: 900pcs(UL/CUL Standard)/1800pcs(CE Standard)

PCB Width: 40mm(1.57 in.)

Strip overall Thickness: 1.3mm(0.051 in.)

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

LED Specing: 8.33mm(0.33in.) Center to Center

Connector:3 pin Bared Cable(18AWG, grey-white-white/red-black-black Optional)

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)

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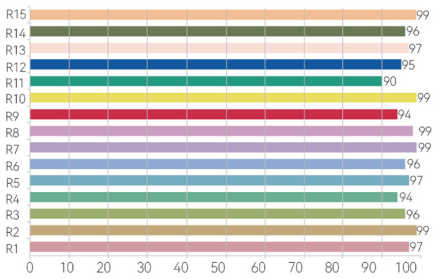
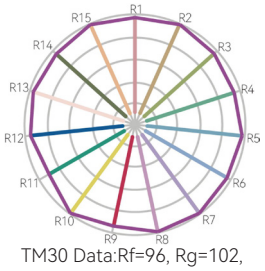
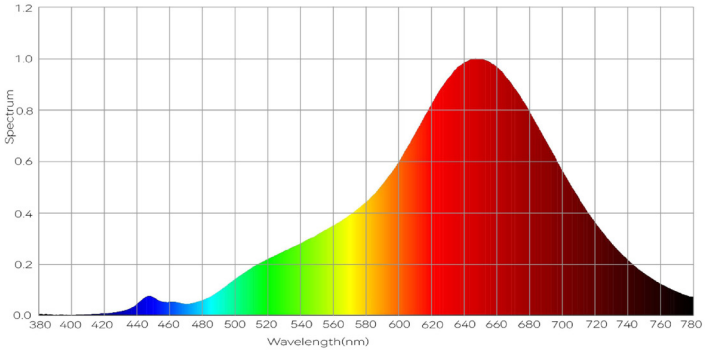
2835 TUNGSTEN COLOR SPECTRUM & WAVELENGTH



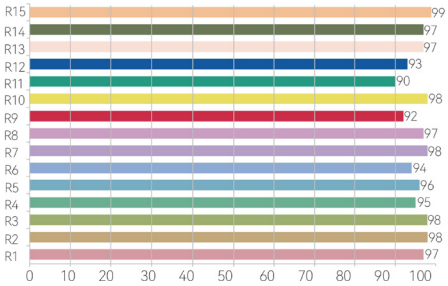


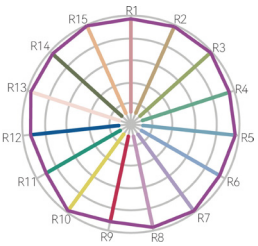
TM30 Data:Rf=96, Rg=102, CQS=97 TLCI: TLCI=97.32

2835 FLAME COLOR RENDERING INDEX CCT 2008K Ra=97.1



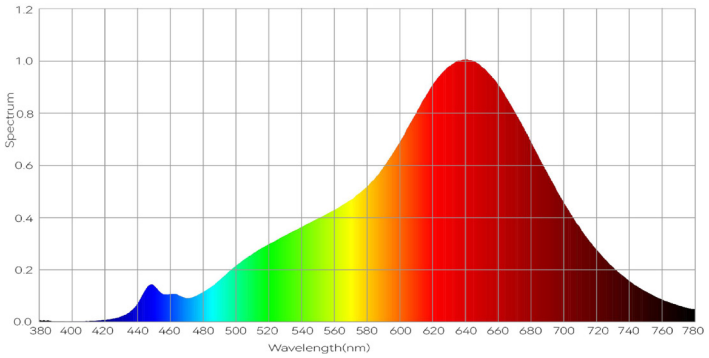
2835 FLAME COLOR SPECTRUM & WAVELENGTH CCT 2008K Ra=97.1





TM30 Data:Rf=91, Rg=101, CQS=96 TLCI: TLCI=96.52

2835 FLAME COLOR RENDERING INDEX CCT 2262K Ra=96.6



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

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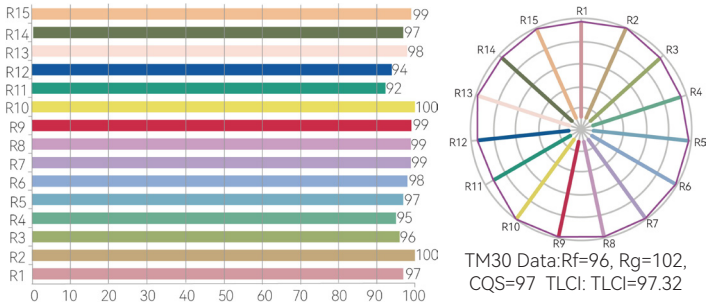
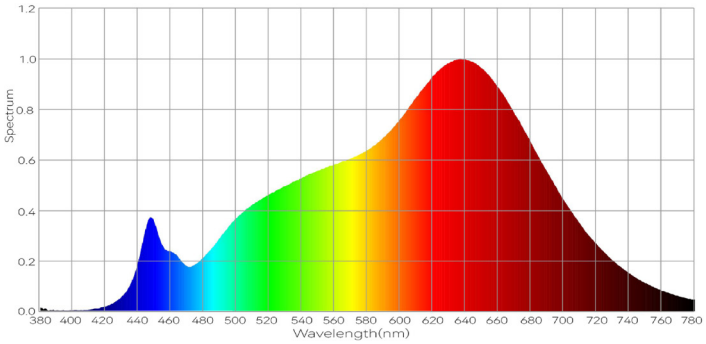
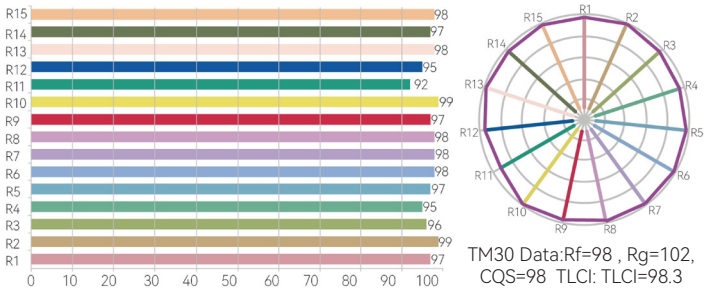


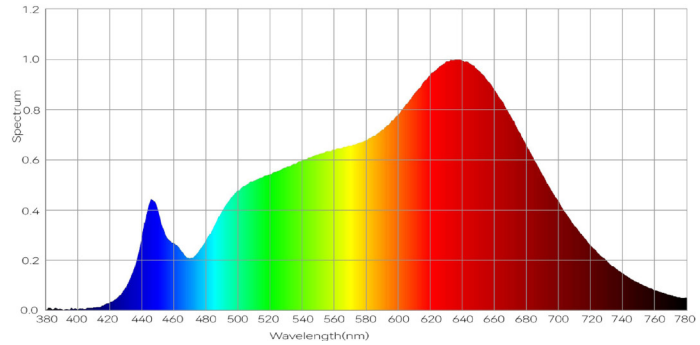
2835 TUNGSTEN COLOR RENDERING INDEX CCT 2766K Ra=97.3



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



2835 TUNGSTEN COLOR RENDERING INDEX CCT 3152K Ra=97.4



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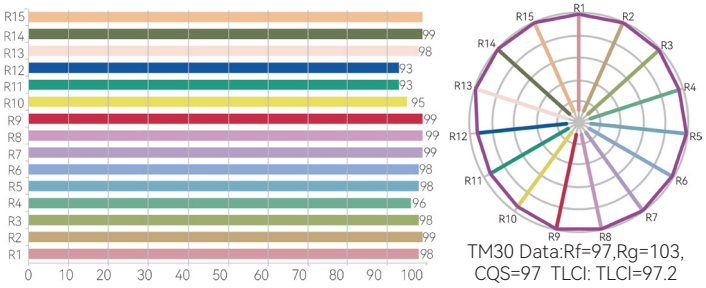
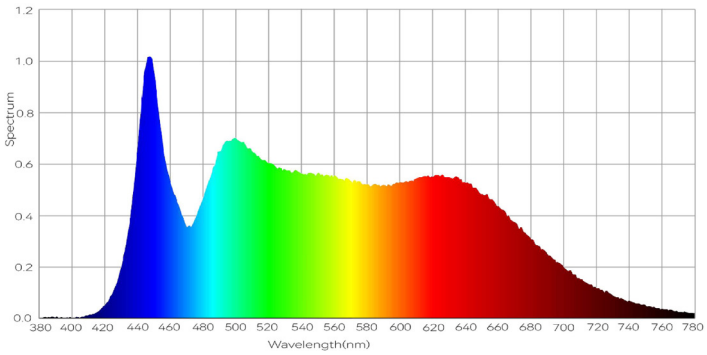


2835 DAYLIGHT COLOR RENDERING INDEX CCT 5653K Ra=98.3



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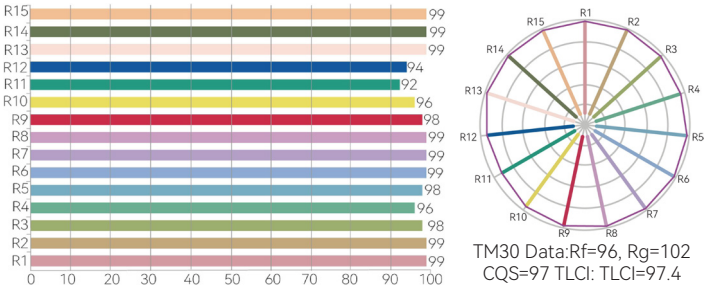

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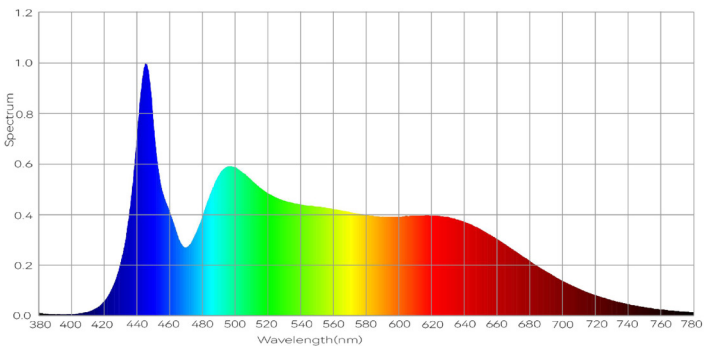
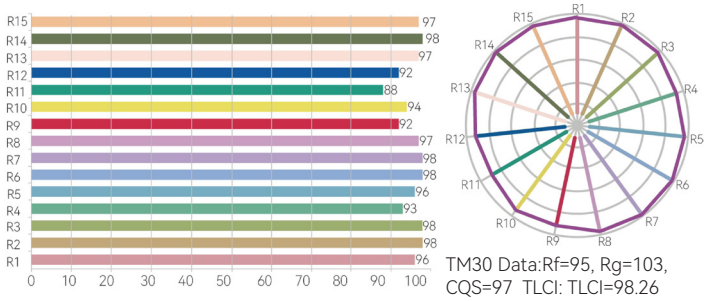
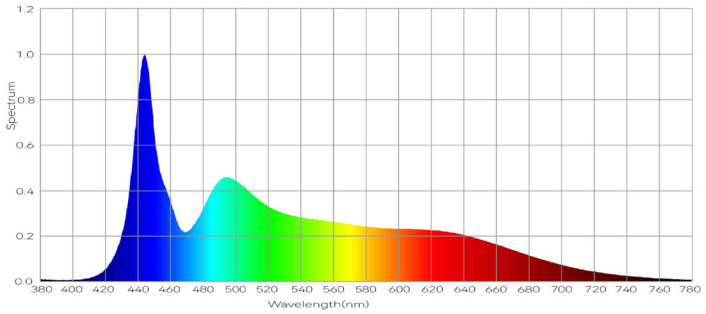


2835DAYLIGHT COLOR SPECTRUM & WAVELENGTH CCT 6498K Ra=98.4



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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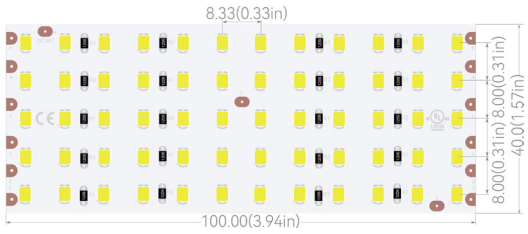
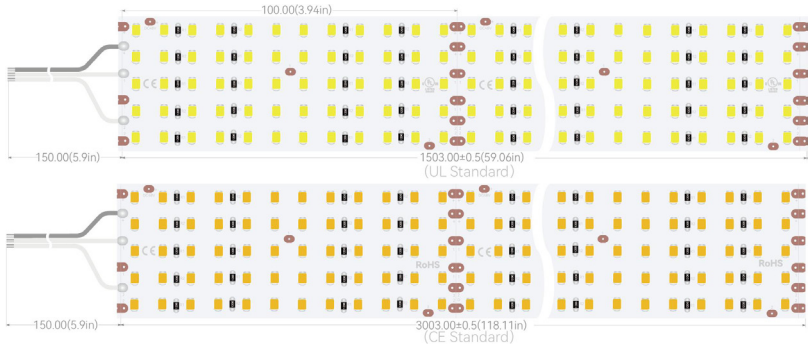
DIMENSION

48V



48V

48V



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 Dimmer

12-48V, 1CH×10A Rotary RF Dimmer	8K/16KHz	DIM0110HF-1XRF
12-48V, 1CH×15A RF Dimmer	8K/16KHz	DIM0115HF-RF
12-24V, 1CH×12A RF Dimmer with button	8K/16KHz	DIM0112HF-3BRF

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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