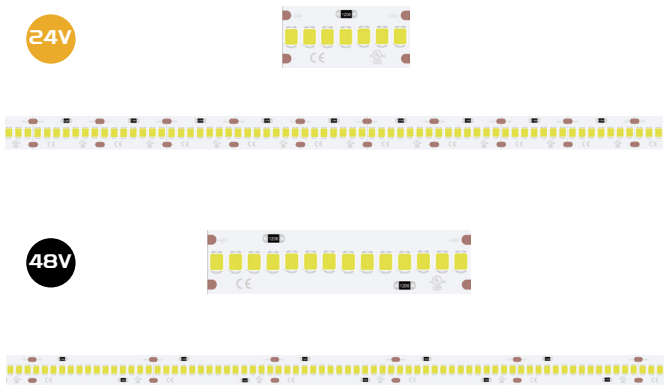
GLULighting®

LEDRIBBON ™ CINEMA SINGLE COLOR SERIES

2835 HIGH LIGHT EFFICIENCY SERIES

2024 Version 1.0

CINEMA Single Color 2835 High Light Efficiency Flex LED Ribbon ™ Series is a popular series in the CINEMA Strip Series. For the whole 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. 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 DC24V, DC48V with 7leds and 8 leds in series which makes the strip with higher light efficiency than the normal 6 leds series 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 Flex LED Ribbon ™ a hit with cinematographers and DOPs alike.



24V TECHNICAL SPECIFICATIONS, 24VDC

Product Name: LED Ribbon ™ Cinema Single Color Series
Product Code: GLUA24CV012L0300XX07W280C3
Part Number: GLU-S1L0300XX280-24V(XX-WW,NW,SW,SR,SG,SB,SA,UV)
Color: Single Color
LED Qty./M: 280LEDs
Working Voltage: 24 VDC Typ. (18-26 VDC Constant Voltage)
Max. Current per meter: 1.68A
Max. Power per meter: 40.32W
CCT Whites: 2000-10000K
CCT Whites(Typ.): Tungsten 3200K/Daylight 6500K(5600K Optional)
View Angle: 120°
Lumen per Meter(Typ.): 4120(Tungsten)/4280(Daylight)
Luminous Efficacy (Typical): 102lm/w(Tungsten)/106lm/w(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)
Cuttab9le or not: Yes
Max. Length (UL/CUL Standard): 2500mm(98.43in./8.2ft)
Max. Length (CE Standard): 5000mm(196.85in./16.4ft)
Mini Cuttable Segment: 25mm(0.98in.)
Cuttable Segment per meter: 40
LEDs per Cut Segment: 7pcs
Total LEDs per Roll: 700pcs(UL/CUL Standard)/1400pcs(CE Standard)
PCB Width: 12mm(0.47 in.)
Strip overall Thickness: 1.3mm(0.051 in.)
Copper Thickness: 3oz(1oz+2oz)
LED Specing: 3.57mm(0.14in.) Center to Center
Connector: 2 pin Bared Cable(18AWG, grey-white/Red-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)

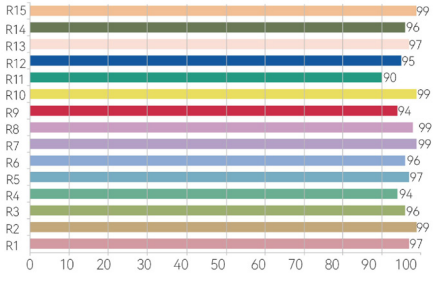
48V TECHNICAL SPECIFICATIONS, 48VDC

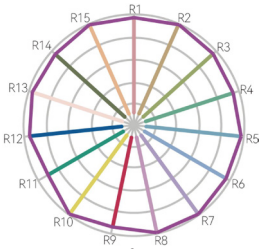
Product Name: LED Ribbon ™ Cinema Single Color Series
Product Code: GLUA48CV012L0300XX14W280C3
Part Number: GLU-S1L0300XX280-48V(XX-WW,NW,SW,SR,SG,SB,SA,UV)
Color: Single Color
LED Qty./M: 280LEDs
Working Voltage: 48 VDC Typ. (31-50 VDC Constant Voltage)
Max. Current per meter: 0.84A
Max. Power per meter: 40.32W
CCT Whites: 2000-10000K
CCT Whites(Typ.): Tungsten 3200K/Daylight 6500K(5600K Optional)
View Angle: 120°
Lumen per Meter(Typ.): 4120(Tungsten)/4280(Daylight)
Luminous Efficacy (Typical): 102lm/w(Tungsten)/106lm/w(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)
Cuttab9le or not: Yes
Max. Length (UL/CUL Standard): 2500mm(98.43in./8.2ft)
Max. Length (CE Standard): 5000mm(196.85in./16.4ft)
Mini Cuttable Segment: 50mm(1.97in.)
Cuttable Segment per meter: 20
LEDs per Cut Segment: 14pcs
Total LEDs per Roll: 700pcs(UL/CUL Standard)/1400pcs(CE Standard)
PCB Width: 12mm(0.47 in.)
Strip overall Thickness: 1.3mm(0.051 in.)
Copper Thickness: 3oz(1oz+2oz)
LED Specing: 3.57mm(0.14in.) Center to Center
Connector: 2 pin Bared Cable(18AWG, grey-white/Red-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)

SHENZHEN GLU LIGHTING CO., LTD.
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Guangdong Province, P.R.China, 518108

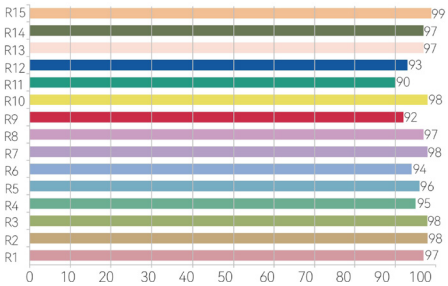
Tel:+86-755-23708101/23708102
Email: info@glu-light.com, sales@glu-light.com
Web: www.glulightstrip.com

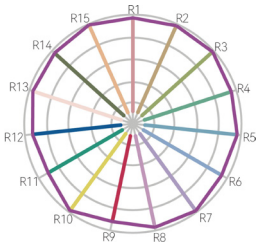
2835 TUNGSTEN COLOR SPECTRUM & WAVELENGTH





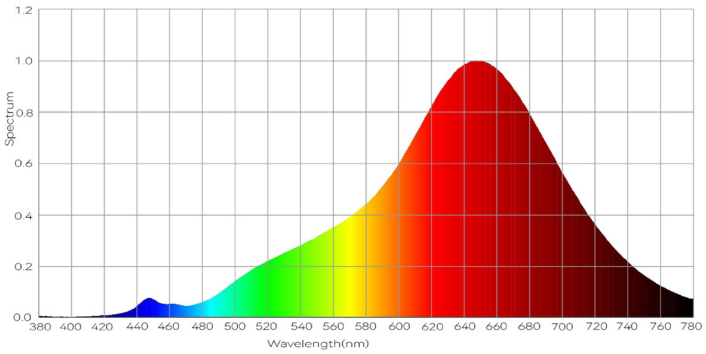
TM30 Data:Rf=96, Rg=102,
CQS=97 TLCI: TLCI=97.32



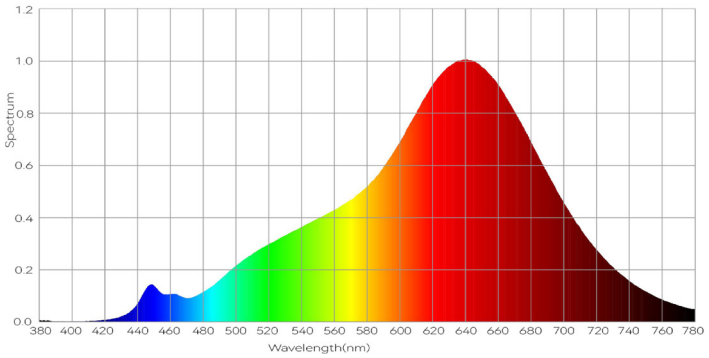


TM30 Data:Rf=91, Rg=101,
CQS=96 TLCI: TLCI=96.52

2835 FLAME COLOR RENDERING INDEX CCT 2008K Ra=97.1

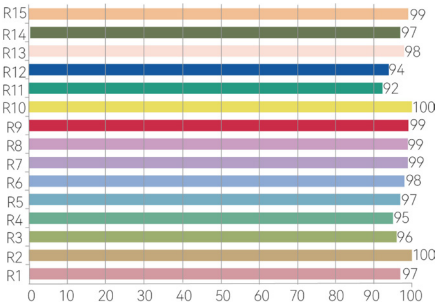


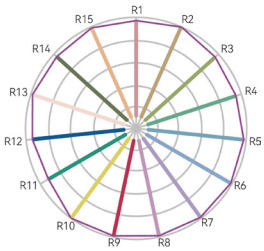
2835 FLAME COLOR RENDERING INDEX CCT 2262K Ra=96.6



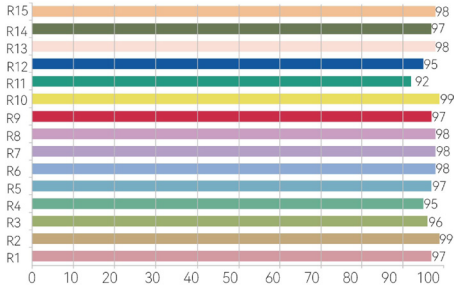
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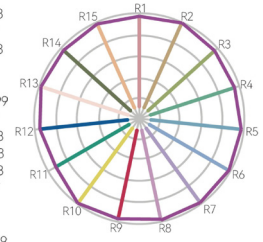
2835 FLAME COLOR SPECTRUM & WAVELENGTH CCT 2262K Ra=96.6





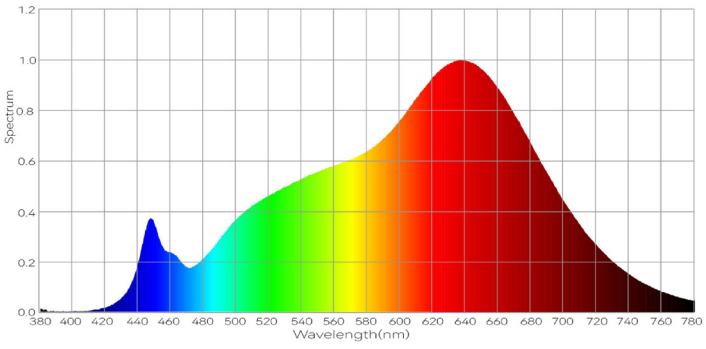
TM30 Data:Rf=96, Rg=102,
CQS=97 TLCI: TLCI=97.32



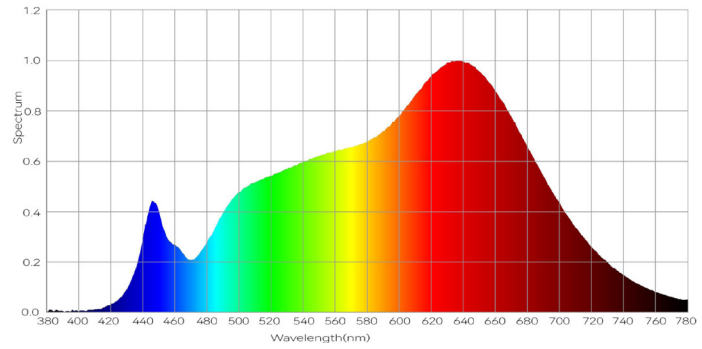


TM30 Data:Rf=98 , Rg=102,
CQS=98 TLCI: TLCI=98.3

2835 TUNGSTEN COLOR RENDERING INDEX CCT 2766K Ra=97.3



2835 TUNGSTEN COLOR RENDERING INDEX CCT 3152K Ra=97.4



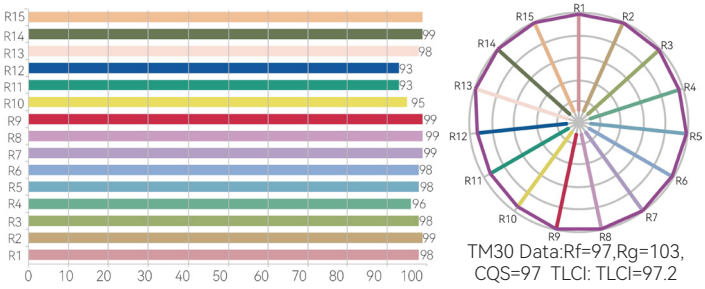
2835 TUNGSTEN COLOR SPECTRUM & WAVELENGTH CCT 2766K Ra=97.3

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

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Guangdong Province, P.R.China, 518108

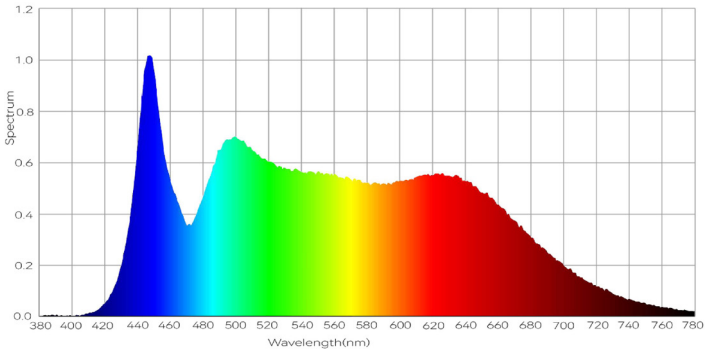
Tel:+86-755-23708101/23708102
Email: info@glu-light.com, sales@glu-light.com
Web: www.glulightstrip.com

2835 DAYLIGHT COLOR SPECTRUM & WAVELENGTH

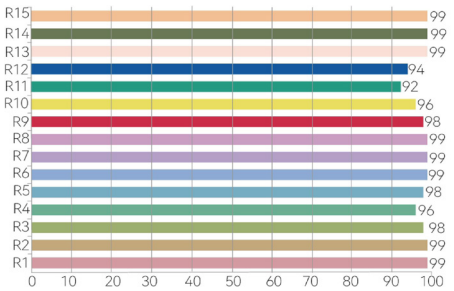


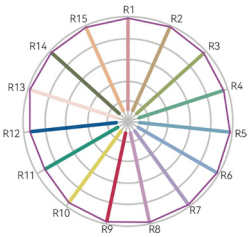
TM30 Data:Rf=97,Rg=103,
CQS=97 TLCI: TLCI=97.2

2835 DAYLIGHT COLOR RENDERING INDEX CCT 5653K Ra=98.3



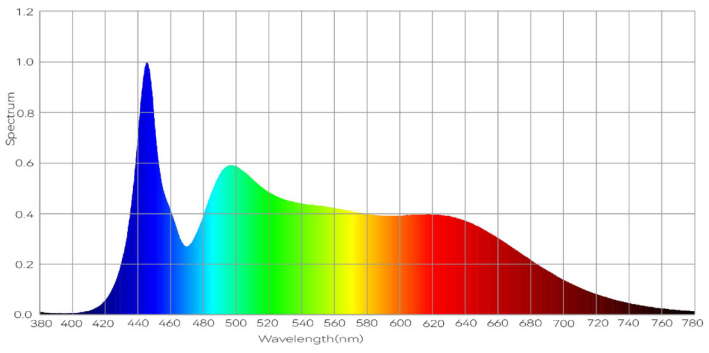
2835 DAYLIGHT COLOR SPECTRUM & WAVELENGTH CCT 5653K Ra=98.3



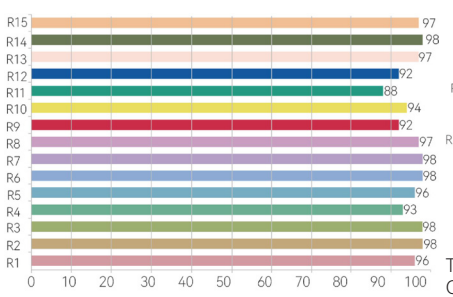


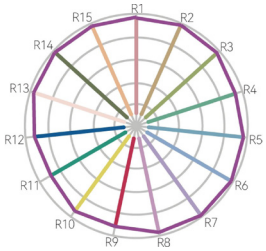
TM30 Data:Rf=96, Rg=102
CQS=97 TLCI: TLCI=97.4

2835DAYLIGHT COLOR RENDERING INDEX CCT 6498K Ra=98.4



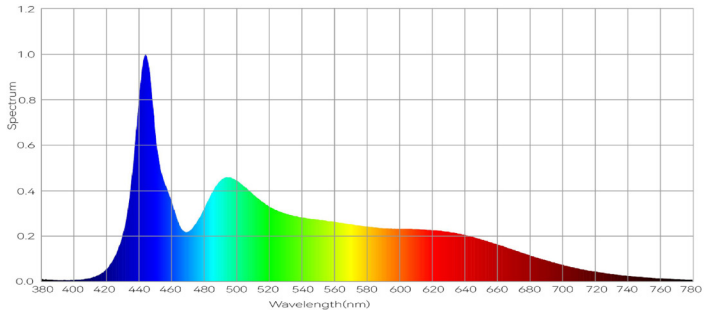
2835DAYLIGHT COLOR SPECTRUM & WAVELENGTH CCT 6498K Ra=98.4





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

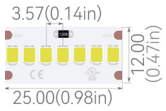
2835 BLUE DAYLIGHT COLOR RENDERING INDEX CCT 10518K Ra=96.9



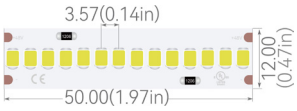
2835 BLUE DAYLIGHT COLOR SPECTRUM & WAVELENGTH CCT 10518K Ra=96.9

DIMENSION

24V



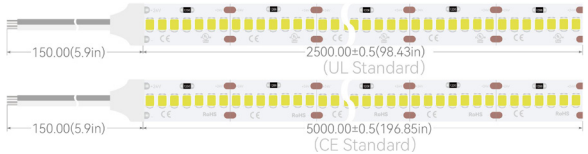
48V



24V 48V



24V



48V



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

ACCESSORIES

Jummper Wire

18AWG Jummper Wire in 15cm	GLU-W2P-15
18AWG Jummper Wire in 100m Roll	GLU-W2P-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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