

CINEMA Chroma RGBTD Cutable Flex LED Ribbon™ 5050RGB+2835TD series is a popular product series to the Chroma strip family, which come with cinema quality 95+ CRI Daylight and Tungsten 2835 together with 5050 RGB 3-in-1 LEDs. Designed with various cutable versions working with DC12V, DC24V or DC48V, different density available for cinema, viedo, & television, by using your professional high frequency controller or DMX decoder supplied by GLU Light, you can achieve more rich colors, and correct colors .



12V

TECHNICAL SPECIFICATIONS, 12VDC

Product Name: LED Ribbon™ Cinema Chroma 5050 RGB+2835 TD Series
Product Code: GLUA24CV030L0203FP03W576C3
Part Number: GLU-S5L0203FP576-12V
Color: RGBTD
LED Qty./1.2M: 576LEDs(RGB/T/D each 192leds)
Working Voltage: 12 VDC Typ. (8-13 VDC Constant Voltage)
Max. Current per 1.2 meter: 8.58A
Max. Power per 1.2 meter: 102W
Current for each color per 1.2 meter: R/G/B 1.15A T/D 2.56A
Power for each color per 1.2 meter: R/G/B 13.82W T/D 30.72W
Wavelength Colors: R 620-625nm G 520-525nm B 460-465nm
CCT Whites: Tungsten 2800K(+/-100K)/Daylight 6500K(+/-200K)
View Angle: 120°
Lumen(Whites) per 1.2 Meter: 2500(Tungsten),2810(Daylight)
Lumen(Colors) per 1.2 Meter: 510(Red)/1060(Green)/310(Blue)
CRI: 95+(Tungsten), 95+(Daylight)
TLCI: 95+(Tungsten), 95+(Daylight)
Cutable or not: Yes
Max. Length (UL/CUL Standard): 600mm(23.62in./1.97ft)
Max. Length (CE Standard): 1200mm(47.36in./3.94ft)
Mini Cutable Segment: 37.5mm(1.48in.)
Cutable Segment per 1.2meter: 32
LEDs per Cut Segment: 36pcs
Total LEDs per Roll: 288pcs(UL/CUL Standard),576pcs(CE Standard)
PCB Width: 30mm(1.18in.)
Strip overall Thickness: 2mm(0.079in.)
Copper Thickness: 3oz(1oz+2oz)
LED Specing: 12.5mm(0.49in.) Center to Center
Connector: 6 pin Bared Cable
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)

24V

TECHNICAL SPECIFICATIONS, 24VDC

Product Name: LED Ribbon™ Cinema Chroma 5050 RGB+2835 TD Series
Product Code: GLUA24CV020L0203FP06W576C3
Part Number: GLU-S5L0203FP576-24V
Color: RGBTD
LED Qty./1.2M: 576LEDs(RGB/T/D each 192leds)
Working Voltage: 24 VDC Typ. (18-26 VDC Constant Voltage)
Max. Current per 1.2 meter: 4.29A
Max. Power per 1.2 meter: 102W
Current for each color per 1.2 meter: R/G/B 0.58A T/D 1.28A
Power for each color per 1.2 meter: R/G/B 13.82W T/D 30.72W
Wavelength Colors: R 620-625nm G 520-525nm B 460-465nm
CCT Whites: Tungsten 2800K(+/-100K)/Daylight 6500K(+/-200K)
View Angle: 120°
Lumen(Whites) per 1.2 Meter: 2500(Tungsten),2810(Daylight)
Lumen(Colors) per 1.2 Meter: 510(Red)/1060(Green)/310(Blue)
CRI: 95+(Tungsten), 95+(Daylight)
TLCI: 95+(Tungsten), 95+(Daylight)
Cutable or not: Yes
Max. Length (UL/CUL Standard): 1200mm(47.36in./3.94ft)
Max. Length (CE Standard): 2400mm(94.49in./7.87ft)
Mini Cutable Segment: 75mm(2.95in.)
Cutable Segment per meter: 16
LEDs per Cut Segment: 72pcs
Total LEDs per Roll: 576pcs(UL/CUL Standard),1152pcs(CE Standard)
PCB Width: 30mm(1.18in.)
Strip overall Thickness: 2mm(0.079 in.)
Copper Thickness: 3oz(1oz+2oz)
LED Specing: 12.5mm(0.49in.) Center to Center
Connector: 6 pin Bared Cable
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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Email: info@glu-light.com, sales@glu-light.com

Web: www.gluilightstrip.com



48V TECHNICAL SPECIFICATIONS, 48VDC

Product Name: LED Ribbon™ Cinema Chroma 5050 RGB+2835 TD Series

Product Code: GLUA48CV020L0203FP12W576C3

Part Number: GLU-S5L0203FP576-48V

Color: RGBTD

LED Qty./1.2 M: 576LEDs

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

Max. Current per 1.2 meter: 2.14A

Max. Power per 1.2 meter: 102W

Current for each color per 1.2 meter: R/G/B 0.29A T/D 0.64A

Power for each color per 1.2 meter: R/G/B 13.82W T/D 30.72W

Wavelength Colors: Red 620-625nm Green 520-525nm

Blue 460-465nm Amber 590-595nm

CCT Whites: Tungsten 2800K(+/-100K)/Daylight 6500K(+/-200K)

View Angle: 120°

Lumen(Whites) per 1.2 Meter: 2500(Tungsten),2810(Daylight)

Lumen(Colors) per 1.2 Meter: 510(Red)/1060(Green)/310(Blue)

CRI: 95+(Tungsten), 95+(Daylight)

TLCI: 95+(Tungsten), 95+(Daylight)

Cuttable or not: Yes

Max. Length (UL/CUL Standard): 1200mm(47.36in./3.94ft)

Max. Length (CE Standard): 2400mm(94.49in./7.87ft)

Mini Cuttable Segment: 150mm(5.91in.)

Cuttable Segment per meter: 8

LEDs per Cut Segment: 72pcs

Total LEDs per Roll: 576pcs(UL/CUL Standard),1152pcs(CE Standard)

PCB Width: 30mm(1.18 in.)

Strip overall Thickness: 2mm(0.079in.)

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

LED Specing: 12.5mm(0.49in.) Center to Center

Connector: 6 pin Bared Cable

Mounting: 3M 9080HL(Others optional)

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

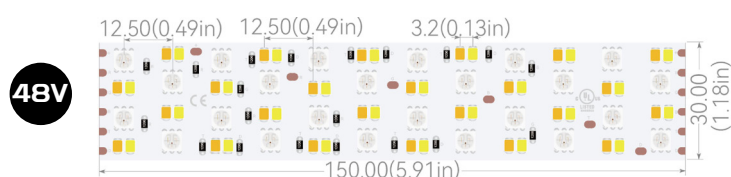
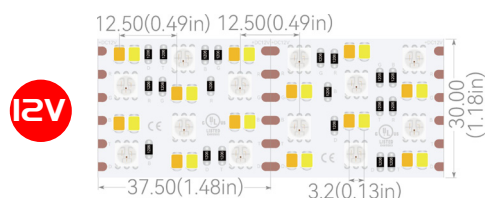
Operation Temperature: -20° C to +50° C

LED Lifetime: 50,000 Hrs

IP Grade: IP20

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

DIMENSION



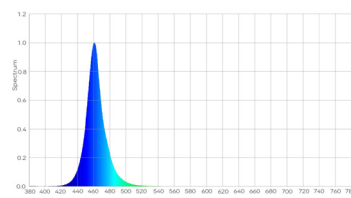
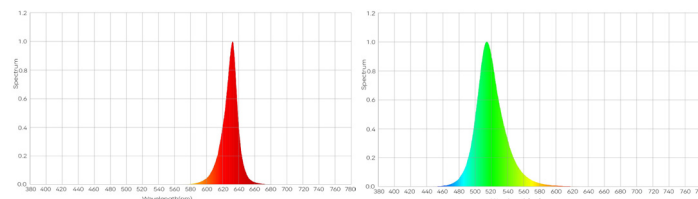
SHENZHEN GLU LIGHTING CO., LTD.

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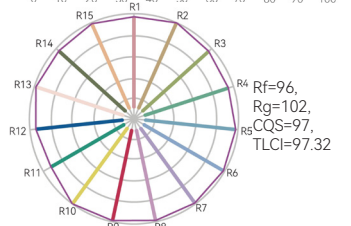
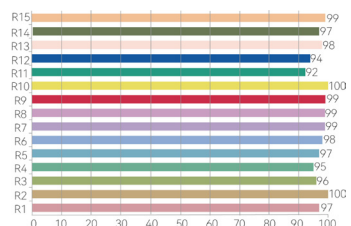
Guangdong Province, P.R.China, 518108

5050RGBTD COLOR SPECTRUM & WAVELENGTH

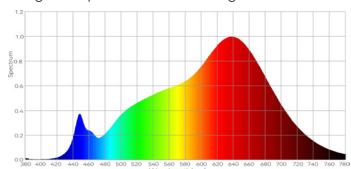


Tungsten Color Rendering Index

CCT 2766K Ra=97.3

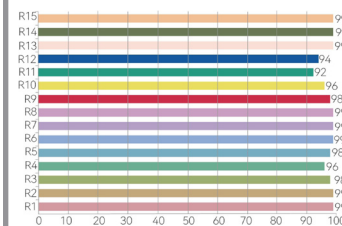


Tungsten Spectrum & Wavelength

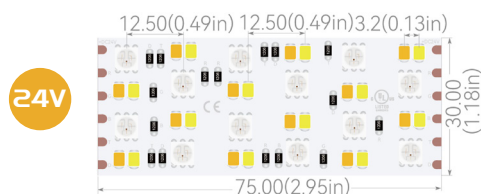
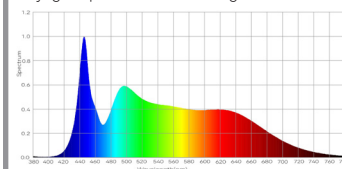


Daylight Color Rendering Index

CCT 6498K Ra=98.4



Daylight Spectrum & Wavelength



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ACCESSORIES

Jummpier Wire

18/20AWG Jummpier Wire in 15cm GLU-W6P-15

18/20AWG Jummpier Wire in 100m Roll GLU-W6P-10000

Connecting PCB

Express BusBar 6 Wires For 15mm Width PCB GLU-EBB6-15

High Frequency DMX Decoder

12-24V, 25-48V, 6CH×5A GDE0605HF

12-24V 6CH×10A, 25-48V, 6CH×6A, GDE0610HF

Power Supplier

Meanwell LRS Series LRS-350-12/24/48

Meanwell LRS 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.