

CINEMA Chroma RGBTD Cutable Flex LED Ribbon™ 5050 5-in-1 series is a popular product series to the Chroma strip family, which come with cinema quality 95+ CRI Daylight and Tungsten with RGB combined in one 5050 SMD, which called the whole series RGBTD 5-in-1 series. Designed with various cutable versions working with DC12V or DC24V, different density available for cinema, video, & 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 RGBTD 5-in-1 Series
Product Code:	GLUA12CV012L0200FP03W96C3
Part Number:	GLU-S5L0200FP96-12V
Color:	RGBTD
LED Qty./M:	96LEDs
Working Voltage:	12 VDC Typ. (8-13 VDC Constant Voltage)
Max. Current per meter:	2.88A
Max. Power per meter:	34.56
Current for each color per meter:	R/G/B/T/D 0.58A
Power for each color per meter:	R/G/B/T/D 6.91W
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 Meter:	420(Tungsten)/500(Daylight)
Lumen(Colors) per Meter:	260(Red)/610(Green)/170(Blue)
CRI:	95+(Tungsten), 95+(Daylight)
TLCI:	95+(Tungsten), 95+(Daylight)
Cutable or not:	Yes
Max. Length (UL/CUL Standard):	2000mm(78.74in./6.56ft)
Max. Length (CE Standard):	5000mm(196.85in./16.4ft)
Mini Cutable Segment:	31.25mm(1.23in.)
Cutable Segment per meter:	32
LEDs per Cut Segment:	3pcs
Total LEDs per Roll:	192pcs(UL/CUL Standard),480pcs(CE Standard)
PCB Width:	12mm(0.47 in.)
Strip overall Thickness:	2.1mm(0.083 in.)
Copper Thickness:	3oz(1oz+2oz)
LED Specing:	10.42mm(0.41in.) 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.

6F, Bldg A2, New Times Gongrong Industrial Area, No.2 Shihuan Rd.,
Shilong Community, Shiyan Sub-district, Bao'an District, Shenzhen,
Guangdong Province, P.R.China, 518108

24V TECHNICAL SPECIFICATIONS, 24VDC

Product Name:	LED Ribbon™ Cinema Chroma RGBTD 5-in-1 Series
Product Code:	GLUA24CV012L0200FP06W96C3
Part Number:	GLU-S5L0200FP96-24V
Color:	RGBTD
LED Qty./M:	96LEDs
Working Voltage:	24 VDC Typ. (18-26 VDC Constant Voltage)
Max. Current per meter:	1.44A
Max. Power per meter:	34.56W
Current for each color per meter:	R/G/B/T/D 0.29A
Power for each color per meter:	R/G/B/T/D 6.91W
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 Meter:	420(Tungsten)/500(Daylight)
Lumen(Colors) per Meter:	260(Red)/610(Green)/170(Blue)
CRI:	95+(Tungsten), 95+(Daylight)
TLCI:	95+(Tungsten), 95+(Daylight)
Cutable or not:	Yes
Max. Length (UL/CUL Standard):	3000mm(118.11in./9.84ft)
Max. Length (CE Standard):	5000mm(196.85in./16.4ft)
Mini Cutable Segment:	62.5mm(2.46in.)
Cutable Segment per meter:	16
LEDs per Cut Segment:	6pcs
Total LEDs per Roll:	288pcs(UL/CUL Standard),480pcs(CE Standard)
PCB Width:	12mm(0.47 in.)
Strip overall Thickness:	2.1mm(0.083 in.)
Copper Thickness:	3oz(1oz+2oz)
LED Specing:	10.42mm(0.41in.) 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)



RGBTD 5-in-1 Available

Tel:+86-755-23708101/23708102

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

Web: www.glu-lightstrip.com

48V TECHNICAL SPECIFICATIONS, 48VDC

Product Name: LED Ribbon™ Cinema Chroma RGBTD 5-in-1 Series

Product Code: GLUA48CV012L0200FP12W96C3

Part Number: GLU-S5L0200FP96-48V

Color: RGBTD

LED Qty./M: 96LEDs

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

Max. Current per meter: 0.72A

Max. Power per meter: 34.56W

Current for each color per meter: R/G/B/T/D 0.14A

Power for each color per meter: R/G/B/T/D 6.91W

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 Meter: 420(Tungsten)/500(Daylight)

Lumen(Colors) per Meter: 260(Red)/610(Green)/170(Blue)

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

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

Cuttable or not: Yes

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

Max. Length (CE Standard): 5000mm(196.85in./16.4ft)

Mini Cuttable Segment: 125mm(5.1in.)

Cuttable Segment per meter: 8

LEDs per Cut Segment: 12pcs

Total LEDs per Roll: 288pcs(UL/CUL Standard),480pcs(CE Standard)

PCB Width: 12mm(0.47 in.)

Strip overall Thickness: 2.1mm(0.083 in.)

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

LED Spacing: 10.42mm(0.41in.) Center to Center

Connector: 6 pin Bared Cable

Mounting: 3M 9080HL(Others optional)

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

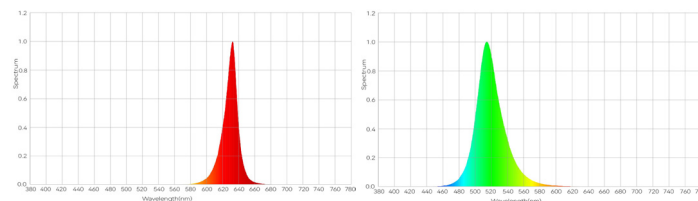
Operation Temperature: -20° C to +50° C

LED Lifetime: 50,000 Hrs

IP Grade: IP20

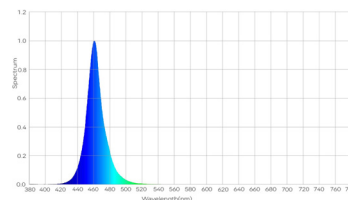
Certification: UL/CUL(US/Canada),CE Compliant (Europe)

5050RGBTD COLOR SPECTRUM & WAVELENGTH



Red(WLD621.2nm) Spectrum & Wavelength

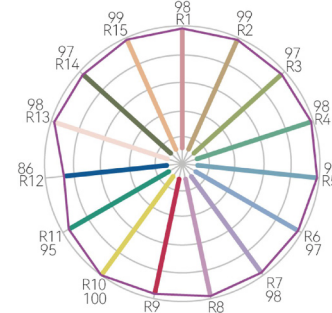
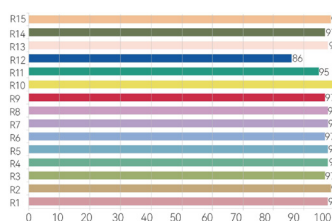
Green(WLD523.6nm) Spectrum & Wavelength



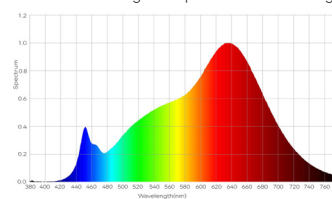
Blue(WLD466.0nm) Spectrum & Wavelength

Tungsten Color Rendering Index

CCT 2795K Ra=97.9

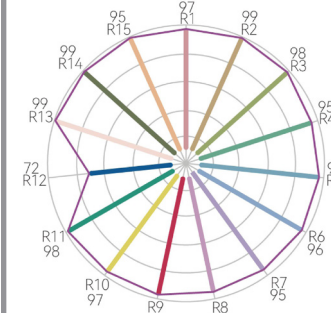
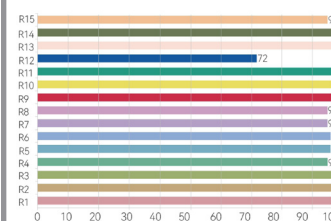


RGBTD 5-in-1Tungsten Spectrum & Wavelength

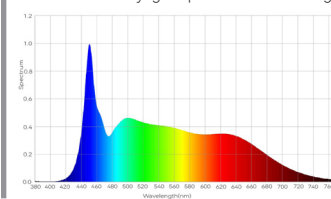


RGBTD 5-in-1 Tungsten Color Rendering Index

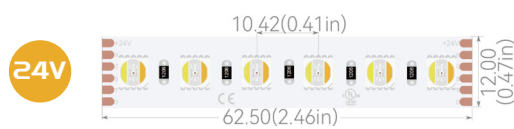
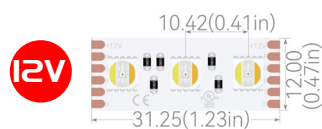
CCT 6479K Ra=96.2



RGBTD 5-in-1 Daylight Spectrum & Wavelength



DIMENSION



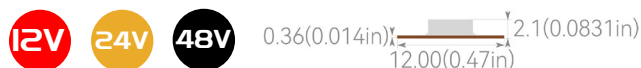
SHENZHEN GLU LIGHTING CO., LTD.

6F, Bldg A2, New Times Gongrong Industrial Area, No.2 Shihuan Rd.,
Shilong Community, Shiyan Sub-district, Bao'an District, Shenzhen,
Guangdong Province, P.R.China, 518108

Tel:+86-755-23708101/23708102

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

Web: www.glu-lightstrip.com



ACCESSORIES

Jummpier Wire

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

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

Connecting PCB

Express BusBar 6 Wires For 12mm Width PCB GLU-EBB6-12

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.