

CINEMA Chroma RGBATD Flex LED Ribbon™ Cuttable 5050RGBA+2835TD series is a popular product series to the Chroma strip family, which come with cinema quality 95+ CRI 2835 Daylight and 2835 Tungsten SMD with with full sperum R1-R15 all above 90, TLCI>95, combined with 5050 RGB+Amber 4-in-1 SMD. Designed with various cuttable versions working with DC12V or 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 RGBATD Series
Product Code:	GLUA12CV020L0203FH03W288C3
Part Number:	GLU-S6L0203FH288-12V
Color:	RGBA+T+D
LED Qty./M:	288LEDs(5050RGBA/2835 Tungsten/2835 Daylight each 96pcs)
Working Voltage:	12 VDC Typ. (8-13 VDC Constant Voltage)
Max. Current per meter:	4.35A
Max. Power per meter:	52.2W
Current for each color per meter:	R/G/B/A 0.58A T/D 1.02A
Power for each color per meter:	R/G/B/A 6.91W T/D 12.29W
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 Meter:	1020(Tungsten),1140(Daylight)
Lumen(Colors) per Meter:	195(Red)/545(Green)/135(Blue)/190(Amber)
CRI:	95+(Tungsten), 95+(Daylight)
TLCI:	95+(Tungsten), 95+(Daylight)
R1-R15 Value:	90+(Tungsten), 90+(Daylight)
Cuttable or not:	Yes
Max. Length (UL/CUL Standard):	1000mm(39.37in./3.28ft)
Max. Length (CE Standard):	5000mm(196.85in./16.4ft)
Mini Cuttable Segment:	62.5mm(2.46in.)
Cuttable Segment per meter:	16
LEDs per Cut Segment:	18pcs(5050RGBA,2835 T,2835 D each 6pcs)
Total LEDs per Roll:	288pcs(UL/CUL Standard),1440pcs(CE Standard)
PCB Width:	20mm(0.79 in.)
Strip overall Thickness:	2mm(0.079 in.)
Copper Thickness:	3oz(1oz+2oz)
LED Specing:	10.42mm(0.41in.) Center to Center
Connector:	7 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 RGBATD Series
Product Code:	GLUA24CV020L0203FH06W288C3
Part Number:	GLU-S6L0203FH288-24V
Color:	RGBA+T+D
LED Qty./M:	288LEDs(5050RGBA/2835 Tungsten/2835 Daylight each 96pcs)
Working Voltage:	24 VDC Typ. (18-26 VDC Constant Voltage)
Max. Current per meter:	2.17A
Max. Power per meter:	52.2W
Current for each color per meter:	R/G/B/A 0.29A T/D 0.51A
Power for each color per meter:	R/G/B/A 6.91W T/D 12.29W
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 Meter:	1020(Tungsten),1140(Daylight)
Lumen(Colors) per Meter:	195(Red)/545(Green)/135(Blue)/190(Amber)
CRI:	95+(Tungsten), 95+(Daylight)
TLCI:	95+(Tungsten), 95+(Daylight)
R1-R15 Value:	90+(Tungsten), 90+(Daylight)
Cuttable or not:	Yes
Max. Length (UL/CUL Standard):	1000mm(39.37in./3.28ft)
Max. Length (CE Standard):	5000mm(196.85in./16.4ft)
Mini Cuttable Segment:	62.5mm(2.46in.)
Cuttable Segment per meter:	16
LEDs per Cut Segment:	18pcs(5050RGBA,2835 T,2835 D each 6pcs)
Total LEDs per Roll:	288pcs(UL/CUL Standard),1440pcs(CE Standard)
PCB Width:	20mm(0.79 in.)
Strip overall Thickness:	2mm(0.079 in.)
Copper Thickness:	3oz(1oz+2oz)
LED Specing:	10.42mm(0.41in.) Center to Center
Connector:	7 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)

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 RGBATD Series

Product Code: GLUA48CV020L0203FH12W288C3

Part Number: GLU-S6L0203FH288-48V

Color: RGBA+T+D

LED Qty.: 288LEDs/m(5050RGB/2835 Tungsten/2835 Daylight each 96pcs)

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

Max. Current per meter: 1.08A

Max. Power per meter: 52.2W

Current for each color per meter: R/G/B/A 0.14A T/D 0.26A

Power for each color per meter: R/G/B/A 6.91W T/D 12.29W

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 Meter: 1020(Tungsten),1140(Daylight)

Lumen(Colors) per Meter: 195(Red)/545(Green)/135(Blue)/190(Amber)

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

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

R1-R15 Value: 90+(Tungsten), 90+(Daylight)

Cuttable or not: Yes

Max. Length (UL/CUL Standard): 2000mm(78.74in./6.56 ft)

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

Mini Cuttable Segment: 125.00mm(4.92in.)

Cuttable Segment per meter: 8

LEDs per Cut Segment:36pcs(5050RGB,2835 T,2835 D each 12pcs)

Total LEDs per Roll: 576pcs(UL/CUL Standard),1440pcs(CE Standard)

PCB Width: 20mm(0.79 in.)

Strip overall Thickness: 2mm(0.079 in.)

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

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

Connector: 7 pin Bared Cable

Mounting: 3M 9080HL(Others optional)

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

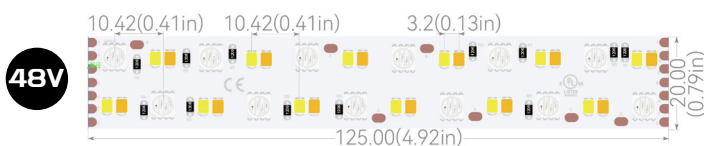
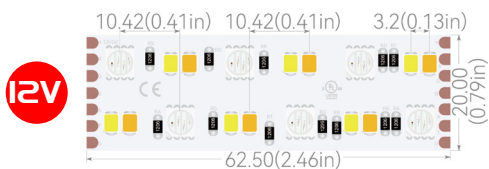
Operation Temperature: -20° C to +50° C

LED Lifetime: 50,000 Hrs

IP Grade: IP20

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

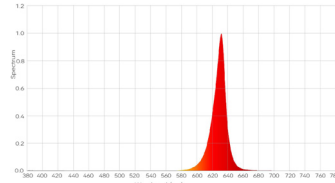
DIMENSION



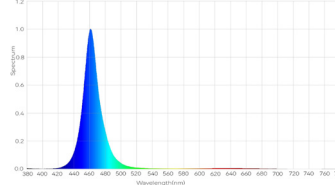
SHENZHEN GLU LIGHTING CO., LTD.

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

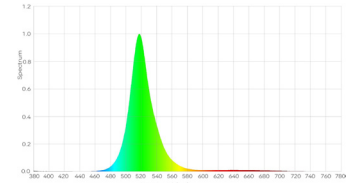
5050RGB COLOR SPECTRUM & WAVELENGTH



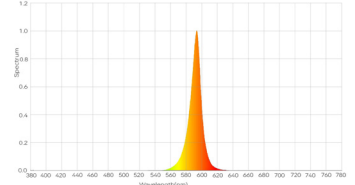
Red Color (WLD621.2nm)



Blue Color (WLD466.0nm)



Green Color (WLD523.6nm)

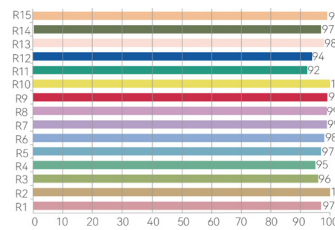


Amber Color (WLD590.4nm)

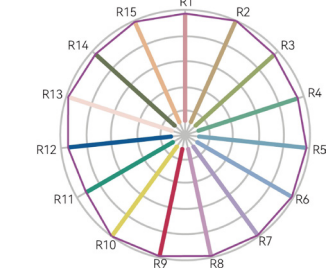
2835 TUNGSTEN & DAYLIGHT Color Spectrum & Wavelength

Tungsten Color Rendering Index 2766K Ra=97.3

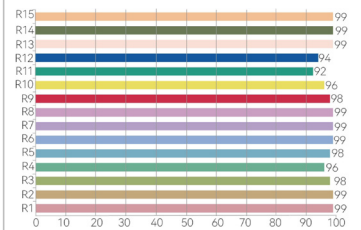
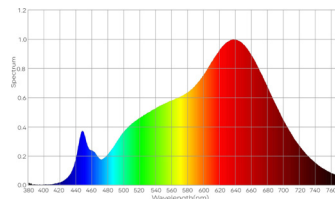
Daylight Color Rendering Index 6498K Ra=98.4



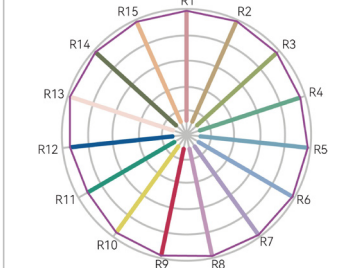
Rf=96, Rg=102, CQS=97,TLCI=97.32



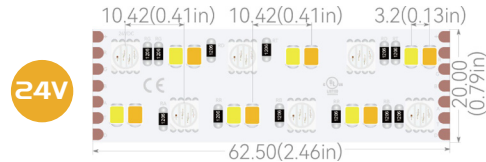
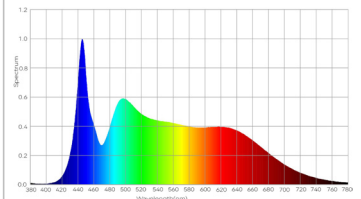
Tungsten Color Spectrum & Wavelength



Rf=96, Rg=102, CQS=97,TLCI=97.4



Tungsten Color Spectrum & Wavelength

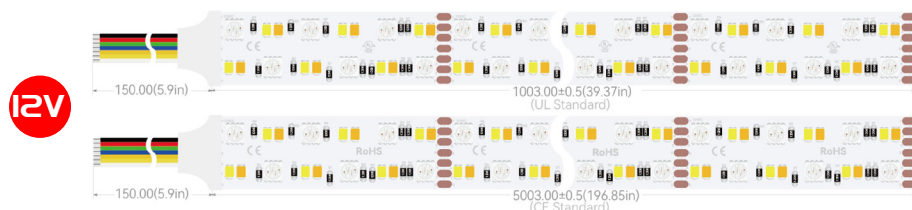


Tel:+86-755-23708101/23708102

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

Web: www.glu-lightstrip.com





ACCESSORIES

Jumper Wire

20AWG Jumper Wire in 15cm	GLU-W7P-15
20AWG Jumper Wire in 100m Roll	GLU-W7P-10000

Connecting PCB

Express BusBar 7 Wires For 20mm Width PCB GLU-EBB7-20

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.