

CINEMA Chroma RGBATD Flex LED Ribbon™ 3020 Double rows series is a popular product series to the Chroma strip family, which come with 3020 individual Diodes, 3020 Red, Green, Blue, Amber SMD combined with cinema quality 95+ CRI 3020 Daylight and 3020 Tungsten SMD with full spectrum R1-R15 all above 90, TLCI>95. Designed with various cuttable versions working with DC12V, DC24V or DC48V, 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 RGBATD Series		
Product Code:	GLUA12CV015L0400FH03W504C3		
Part Number:	GLU-S6L0400FH504-12V		
Color:	R+G+B+A+T+D		
LED Qty./M:	504LEDs(3020R/G/B/A/Tungsten/Daylight each 84pcs)		
Working Voltage:	12 VDC Typ. (8-13 VDC Constant Voltage)		
Max. Current per meter:	4.03A		
Max. Power per meter:	48.38W		
Current for each color per meter:	R/G/B/A	0.56A	T/D 0.9A
Power for each color per meter:	R/G/B/A	6.72W	T/D 10.75W
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:	830(Tungsten),940(Daylight)		
Lumen(Colors) per Meter:	170(Red)/385(Green)/125(Blue)/150(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):	1000m(59.06in./3.28ft)		
Max. Length (CE Standard):	5000m(196.85in./16.4ft)		
Mini Cuttable Segment:	35.71mm(1.41in.)		
Cuttable Segment per meter:	28		
LEDs per Cut Segment:	18pcs(3020R/G/B/A/T/D each 3pcs)		
Total LEDs per Roll:	504pcs(UL/CUL Standard),2520pcs(CE Standard)		
PCB Width:	15mm(0.59 in.)		
Strip overall Thickness:	1.2mm(0.047 in.)		
Copper Thickness:	3oz(1oz+2oz)		
LED Specing:	11.9mm(0.49in.) 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.

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Shuitian Community, Shiyuan 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:	GLUA24CV015L0400FH06W504C3		
Part Number:	GLU-S6L0400FH504-24V		
Color:	R+G+B+A+T+D		
LED Qty./M:	504LEDs(3020R/G/B/A/Tungsten/Daylight each 84pcs)		
Working Voltage:	24 VDC Typ. (18-26 VDC Constant Voltage)		
Max. Current per meter:	2.02A		
Max. Power per meter:	48.38W		
Current for each color per meter:	R/G/B/A	0.28A	T/D 0.45A
Power for each color per meter:	R/G/B/A	6.72W	T/D 10.75W
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:	830(Tungsten),940(Daylight)		
Lumen(Colors) per Meter:	170(Red)/385(Green)/125(Blue)/150(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 Standard):	2000m(78.74in./6.56 ft)		
Max. Length (CE Standard):	5000m(196.85in./16.4ft)		
Mini Cuttable Segment:	71.43mm(2.81in.)		
Cuttable Segment per meter:	14		
LEDs per Cut Segment:	36pcs(5050RGBA,2835 T,2835 D each 6pcs)		
Total LEDs per Roll:	1008pcs(UL Standard),2520pcs(CE Standard)		
PCB Width:	15mm(0.59 in.)		
Strip overall Thickness:	1.2mm(0.047 in.)		
Copper Thickness:	3oz(1oz+2oz)		
LED Specing:	11.9mm(0.49in.) 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)		

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Web: www.glu-lightstrip.com



48V TECHNICAL SPECIFICATIONS, 48VDC

Product Name: LED Ribbon™ Cinema Chroma RGBATD Series

Product Code: GLUA48CV015L0400FH14W504C3

Part Number: GLU-S6L0400FH504-48V

Color: R+G+B+A+T+D

LED Qty./M: 504LEDs(3020R/G/B/A/Tungsten/Daylight each 84pcs)

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

Max. Current per meter: 1.01A

Max. Power per meter: 48.38W

Current for each color per meter: R/G/B/A 0.13A T/D 0.24A

Power for each color per meter: R/G/B/A 6.34W T/D 11.52W

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: 1010(Tungsten),1150(Daylight)

Lumen(Colors) per Meter: 185(Red)/410(Green)/135(Blue)/165(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 Standard): 2000m(78.74in./6.56 ft)

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

Mini Cuttable Segment: 166.67mm(6.56in.)

Cuttable Segment per meter: 6

LEDs per Cut Segment:72pcs(3020 R/G/B/A/T/D each 12pcs)

Total LEDs per Roll: 864pcs(UL/CUL Standard),2160pcs(CE Standard)

PCB Width: 15mm(0.59 in.)

Strip overall Thickness: 1.2mm(0.047 in.)

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

LED Spacing: 13.89mm(0.55in.) Center to Center

Connector: 7 pin Bared Cable

Mounting: 3M 9080HL(Others optional)

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

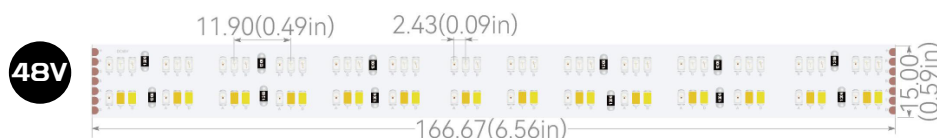
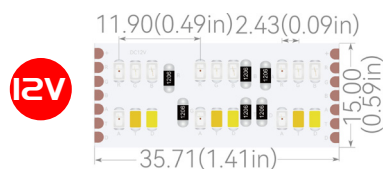
Operation Temperature: -20° C to +50° C

LED Lifetime: 50,000 Hrs

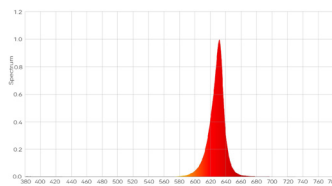
IP Grade: IP20

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

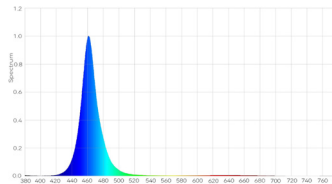
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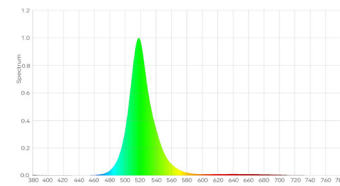
3020R/G/B/A COLOR SPECTRUM & WAVELENGTH



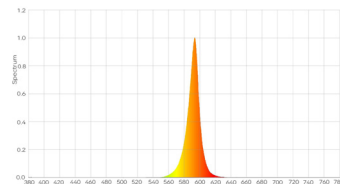
Red Color (WLD621.2nm)



Blue Color (WLD466.0nm)



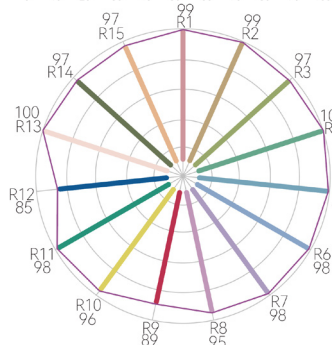
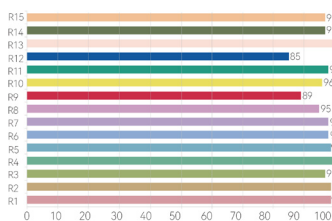
Green Color (WLD523.6nm)



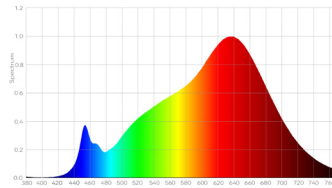
Amber Color (WLD590.4nm)

3020 TUNGSTEN & DAYLIGHT Color Spectrum & Wavelength

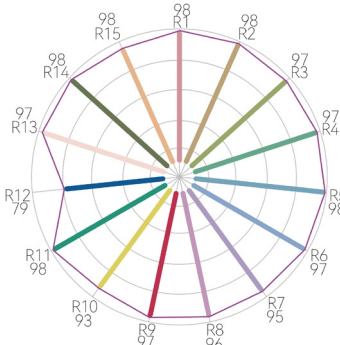
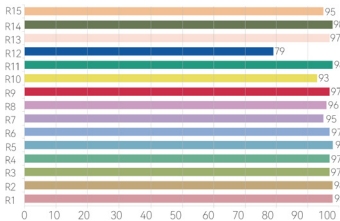
Tungsten Color Rendering Index 2718K Ra=98.1



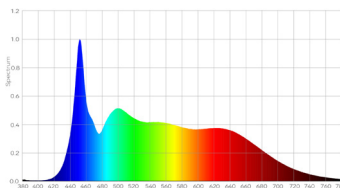
Tungsten Color Spectrum & Wavelength



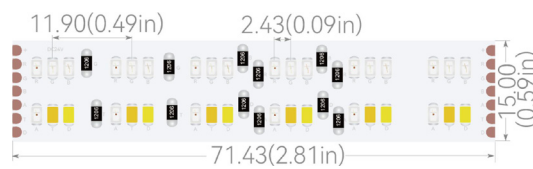
Daylight Color Rendering Index 6498K Ra=98.4



Daylight Color Spectrum & Wavelength



24V



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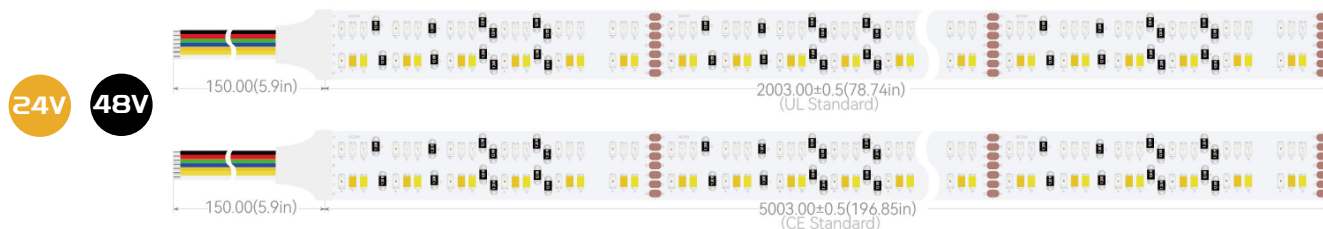
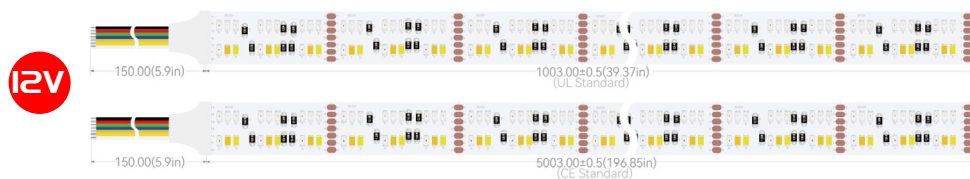
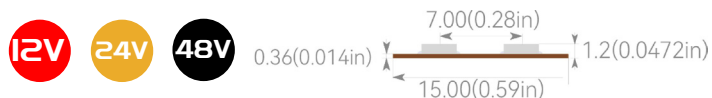
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ACCESSORIES

Jummpier Wire

20AWG Jummpier Wire in 15cm GLU-W7P-15

20AWG Jummpier Wire in 100m Roll GLU-W7P-10000

Connecting PCB

Express BusBar 7 Wires For 15mm Width PCB GLU-EBB7-15

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.