

CINEMA Chroma RGBTD Cuttable Flex LED Ribbon® RGB CCT COB series is a new series light strip creates a virtually seamless, diffused, soft output without the ability to see individual light points unlike the traditional led strips. The innovative RGB CCT COB design shows minimal light dots making the RGB CCT COB an idea design for the place where a soft light and no dot effect is required. The RGB CCT COB only 12mm width makes the strip can be installed in any narrow place. The RGB CCT COB use chip-on-board(COB) type design arranged the Red, Green, Blue, Tungsten and Daylight in a narrow 12mm PCB, for Tungsten and Daylight come with a high Ra over 95 and TLCI over 95, which is a best choice for highend project which need a high CRI and continous lighting effect, and also an idea product for the film, studio and photography industry.



24V TECHNICAL SPECIFICATIONS, 24VDC

Product Name: LED Ribbon™ Cinema Chroma RGB CCT COB Strip Series

Product Code: GLUA24CV012L0000FP08W960C3

Part Number: GLU-S5L0000FP960-24V

Color: RGBTD

LED Chips Qty./M: 960LEDs(RGB/T/D each 192pcs)

Working Voltage: 24 VDC Typ. (18-26 VDC Constant Voltage)

Max. Current per meter: 1.18A

Max. Power per meter: 28.4W

Current for each color per meter: R/G/B 0.2A T/D 0.3A

Power for each color per meter: R/G/B 4.8W T/D 7W

Wavelength Colors: R 620-625nm G 520-525nm B 460-465nm

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

View Angle: 180°

Lumen(Whites) per Meter: 560(Tungsten),650(Daylight)

Lumen(Colors) per Meter: 150(Red)/550(Green)/110(Blue)

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

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

Cuttable or not: Yes

Max. Length (UL/CUL Standard): 3500mm(137.8in./11.48ft)

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

Mini Cuttable Segment: 41.66mm(1.64in.)

Cuttable Segment per meter: 24

Chips per Cut Segment: 40pcs(R/G/B/T/D each 8pcs)

Total Chips per Roll: 3360pcs(UL/CUL Standard),4800pcs(CE Standard)

PCB Width: 12mm(0.47 in.)

Strip overall Thickness: 2.8mm(0.11 in.)

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

Connector: 6 pin Bared Cable

Mounting: 3M 9080HL(Others optional)

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

LED Lifetime: 50,000 Hrs

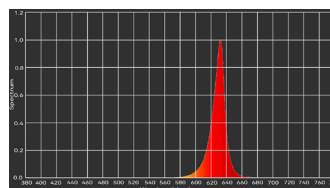
IP Grade: IP20

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

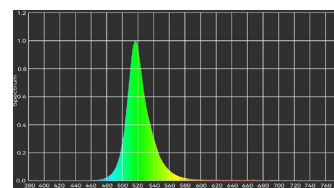
24V



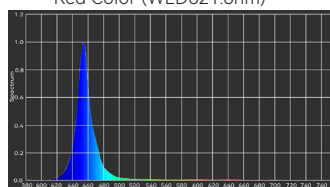
RGB COLOR SPECTRUM & WAVELENGTH



Red Color (WLD621.6nm)



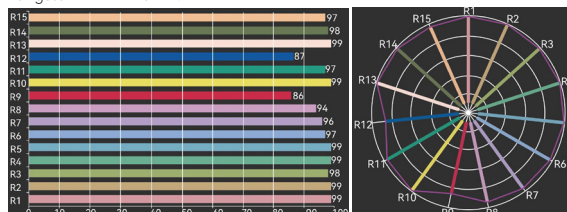
Green Color (WLD523.5nm)



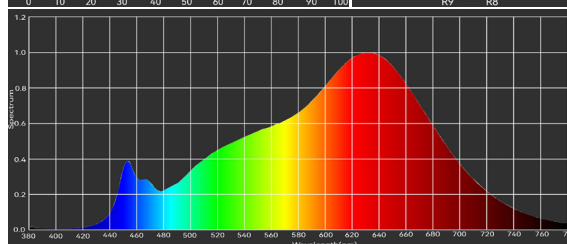
Blue Color (WLD458.8nm)

TUNGSTEN & DAYLIGHT Color Spectrum & Wavelength

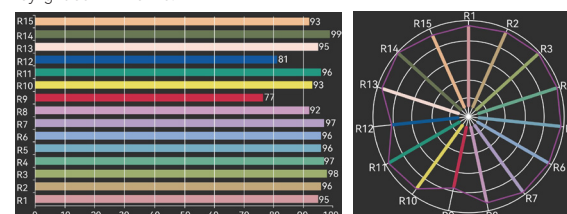
Tungsten 2794K Ra=97.7



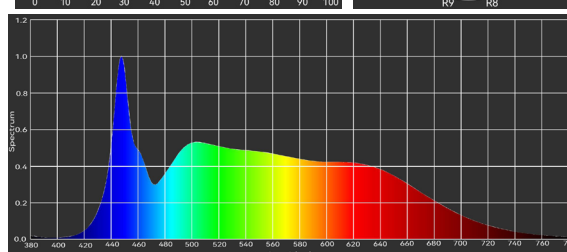
Rf=95,
Rg=100,
CQS=97,
TLCI=97.1



Daylight 6011K Ra=95.9



Rf=95,
Rg=99,
CQS=96,
TLCI=98.2



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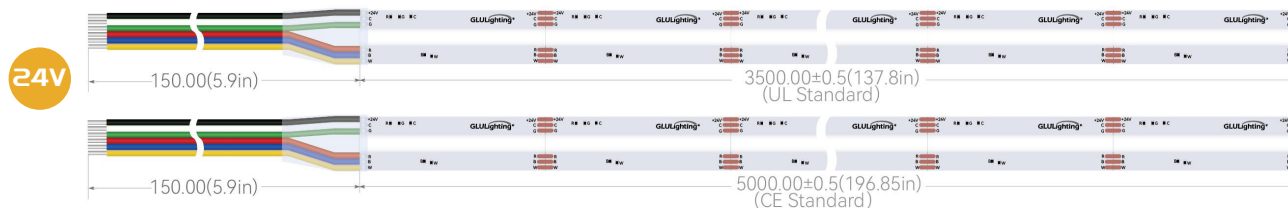
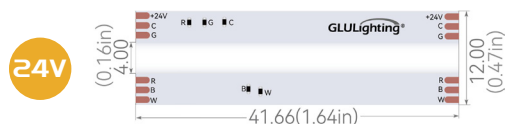
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DIMENSION



ACCESSORIES

Jummpor Wire

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

18/20AWG Jummpor 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.