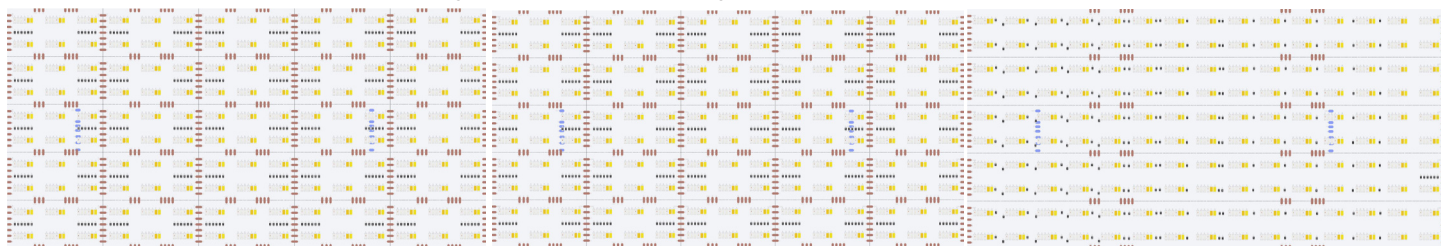


The CINEMA Chroma RGBATD LED Flex Panel™ series is the most popular product series to the Chroma Mat family. They are come with High output 5730 single red, green, blue, amber leds combined with Cinema quality 5730 Daylight and 5730 Tungsten SMD, Ra>95, full sperum R1-r15 all above 90, TLCI>95. With various cuttable versions working with DC12V, DC24V and DC48V, different density available for different choice, Designed for cinema, television, viedo, by using professional high frequency controller or 4 channels DMX decoder supplied by GLU Light, you can achieve more rich colors, and correct colors in a large area, with 120 degree view angle allows for soft, uniform output even at close distance. They are vrsatile, light-weight, color-correct and economical makes all thest light mat a hit with cinematographers and DOPs alike.



12V TECHNICAL SPECIFICATIONS, 12VDC

Product Name:	LED Flex Mat™ Cinema Chroma RGBATD 900LEDs Series
Product Code:	GLUB12CV424L0700FH03W900C3
Part Number:	GLU-P6L0700FH900-12V
Color:	RGBATD
LED Qty./PCS:	900pcs(5730 R/G/B/A/T/D each 150pcs)
Working Voltage:	12 VDC Typ. (8-13 VDC Constant Voltage)
Max. Current per PCS:	5A(UL Standard)/12.5A(CE Standard)
Max. Power per PCS:	60W(UL Standard)/150W(CE Standard)
Current for each Color(UL Standard):	R 0.75A /G 0.75A/B 0.75A/A 0.75A T 1A/D 1A
Current for each Color(CE Standard):	R 1.75A /G 1.75A/B 1.75A/A 1.75A T 2.75A/D 2.75A
Power for each Color(UL Standard):	R 9W/G 9W/B 9W/A 9W T 12W/D 12W
Power for each Color(CE Standard):	R 21W/G 21W/B 21W/A 21W T 33W/D 33W
WLD Colors:	R 620-625nm G 520-525nm B 460-465nm A 590-595nm
CCT Whites (Typ.):	2800K(Tungsten)/6500K(Daylight)
CRI Whites(Min.):	95+(Tungsten)/95+(Daylight)
R1-R15 Whites(Min.):	90+ TLCI Whites(Typ.): 95+(Tungsten/Daylight)
TM-30 Data Whites:	Rf>95, Rg>102,CQS>97(Tungsten/Daylight)
View Angle:	120°
Max. Lumen(Typ.)(UL Standard):	245(Red)/1110(Green)/200(Blue)/315(Amber) 1010(Tungsten)/1200(Daylight)
Max. Lumen(Typ.)(CE Standard):	640(Red)/2100(Green)/425(Blue)/725(Amber) 2590(Tungsten)/3080(Daylight)
Cuttable or not:	Yes
Cuttable Segment per Piece:	25
Dimension:	480mm×240mm(18.9in×9.45in)
Mini Cuttable Segment:	96×48mm(1.78×1.89in.)
LEDs per Cut Segment:	36pcs (RGB+Tungsten+Daylight each 6pcs)
Mat overall Thickness:	1.2mm(0.047 in.)
Copper Thickness:	3oz(1oz+2oz)
LED Specing:	32mm(1.26in.) Center to Center
Connector:	7 pin Bared Cable(20AWG)
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 Flex Mat™ Cinema Chroma RGBATD 900LEDs Series
Product Code:	GLUB24CV424L0700FH06W900C3
Part Number:	GLU-P6L0700FH900-24V
Color:	RGBATD
LED Qty./PCS:	900pcs(5730 R/G/B/A/T/D each 150pcs)
Working Voltage:	24 VDC Typ. (18-26 VDC Constant Voltage)
Max. Current per PCS:	4.16A(UL Standard)/6.25A(CE Standard)
Max. Power per PCS:	100W(UL Standard)/150W(CE Standard)
Current for each Color(UL Standard):	R 0.63A /G 0.63A/B 0.63A/A 0.63A T 0.88A/D 0.88A
Current for each Color(CE Standard):	R 0.88A /G 0.88A/B 0.88A/A 0.88A T 1.38A/D 1.38A
Power for each Color(UL Standard):	R 15W/G 15W/B 15W/A 15W T 21W/D 21W
Power for each Color(CE Standard):	R 21W/G 21W/B 21W/A 21W T 33W/D 33W
WLD Colors:	R 620-625nm G 520-525nm B 460-465nm A 590-595nm
CCT Whites (Typ.):	2800K(Tungsten)/6500K(Daylight)
CRI Whites(Min.):	95+(Tungsten)/95+(Daylight)
R1-R15 Whites(Min.):	90+ TLCI Whites(Typ.): 95+(Tungsten/Daylight)
TM-30 Data Whites:	Rf>95, Rg>102,CQS>97(Tungsten/Daylight)
View Angle:	120°
Max. Lumen(Typ.)(UL Standard):	430(Red)/1650(Green)/315(Blue)/515(Amber) 1740(Tungsten)/1990(Daylight)
Max. Lumen(Typ.)(CE Standard):	640(Red)/2100(Green)/425(Blue)/725(Amber) 2590(Tungsten)/3080(Daylight)
Cuttable or not:	Yes
Cuttable Segment per Piece:	25
Dimension:	480mm×240mm(18.9in×9.45in)
Mini Cuttable Segment:	96×48mm(1.78×1.89in.)
LEDs per Cut Segment:	36pcs (RGB+Tungsten+Daylight each 6pcs)
Mat overall Thickness:	1.2mm(0.047 in.)
Copper Thickness:	3oz(1oz+2oz)
LED Specing:	32mm(1.26in.) Center to Center
Connector:	7 pin Bared Cable(20AWG)
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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Tel:+86-755-23708101/23708102

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

Web: www.glu-lightstrip.com



TECHNICAL SPECIFICATIONS, 48VDC

Product Name: LED Flex Mat™ Cinema Chroma RGBATD 900LEDs Series

Product Code: GLUB48CV424L0700FH15W900C3

Color: RGBATD

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

Max. Power per PCS: 100W(UL Standard)/150W(CE Standard)

Current for each Color(UL Standard):Red 0.3A /Green 0.3A/Blue 0.3A/Amber 0.3A/Tungsten 0.45A/Daylight 0.45A

Current for each Color(CE Standard):Red 0.46A /Green 0.46A/Blue 0.46A/Amber 0.46A/Tungsten 0.65A/Daylight 0.65A

Power for each Color(UL Standard):Red 14.4W/Green 14.4W/Blue 14.4W/Amber 14.4W/Tungsten 21.6W/Daylight 21.6W

Power for each Color(CE Standard):Red 22.08W/Green 22.08W/Blue 22.08W/Amber 22.08W/Tungsten 31.2W/Daylight 31.2W

WLD Colors: R 620-625nm G 520-525nm B 460-465nm A 590-595nm

Part Number: GLU-P6L0700FH900-48V

LED Qty./PCS: 900pcs(5730 R/G/B/A/T/D each 150pcs)

Max. Current per PCS: 2.08A(UL Standard)/3.125A(CE Standard)

CCT Whites (Typ.): 2800K(Tungsten)/6500K(Daylight)

CRI Whites(Min.): 95+(Tungsten)/95+(Daylight)

R1-R15 Whites(Min.): 90+

TLCI Whites(Typ.): 95+(Tungsten)/95+(Daylight)

TM-30 Data Whites: Rf>95, Rg>102, CQS>97(Tungsten/Daylight)

View Angle: 120°

Max. Lumen(Typ.)(UL Standard):540(Red)/1890(Green)/370(Blue)/630(Amber)/2200(Tungsten)/2470(Daylight)

Max. Lumen(Typ.)(CE Standard):850(Red)/2550(Green)/535(Blue)/925(Amber)/3130(Tungsten)/3530(Daylight)

Cuttable or not: Yes

Cuttable Segment per Piece: 5

Dimension: 480mm×240mm(18.9in×9.45in)

Mini Cuttable Segment: 480×48mm(18.9×1.89in.)

LEDs per Cut Segment: 180pcs (RGB+Tungsten+Daylight each 30pcs)

Mat overall Thickness: 1.2mm(0.047 in.)

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

LED Spacing: 32mm(1.26in.) Center to Center

Connector: 7 pin Bared Cable(20AWG)

Mounting: 3M 9080HL(Others optional)

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

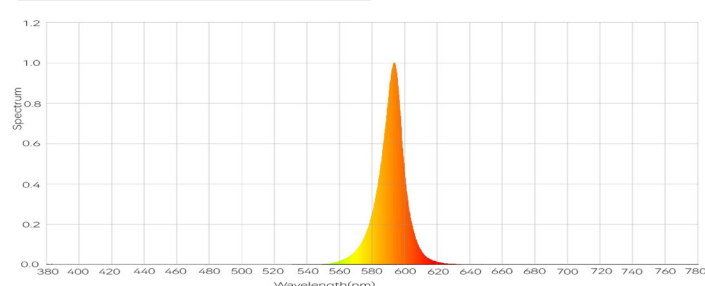
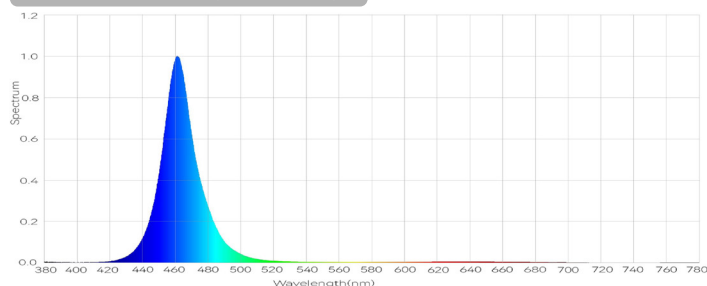
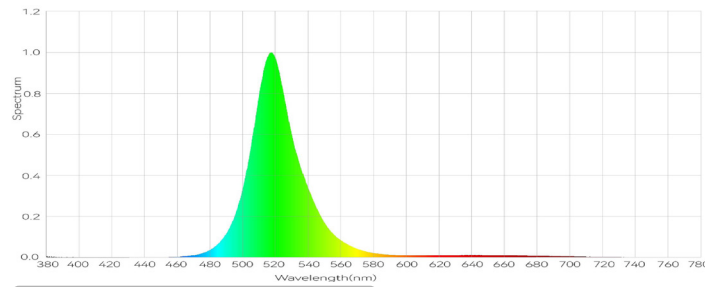
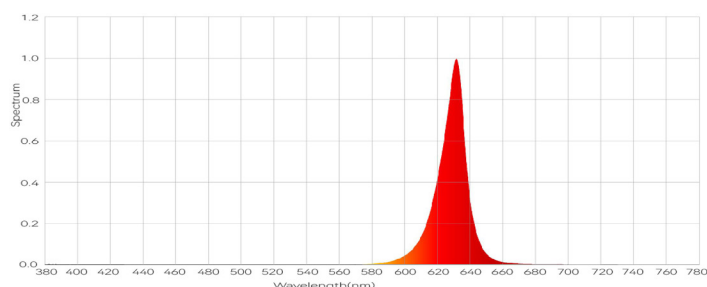
Operation Temperature: -20° C to +50° C

LED Lifetime: 50,000 Hrs

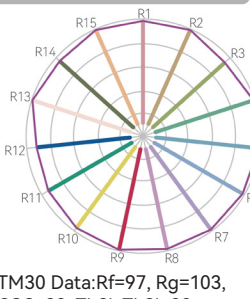
IP Grade: IP20

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

5730 R/G/B/A COLOR SPECTRUM & WAVELENGTH

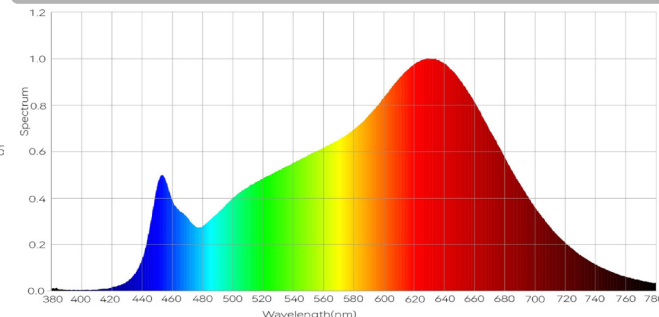


TUNGSTEN COLOR RENDERING INDEX CCT 2886K Ra=97.9



TM30 Data:Rf=97, Rg=103, CQS=98 TLCI: TLCI=98

TUNGSTEN COLOR SPECTRUM & WAVELENGTH CCT 2886K Ra=97.9



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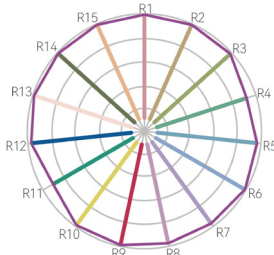
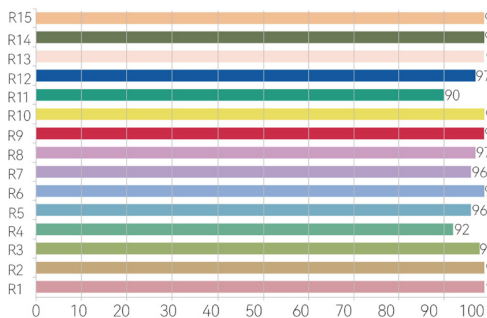
Tel:+86-755-23708101/23708102

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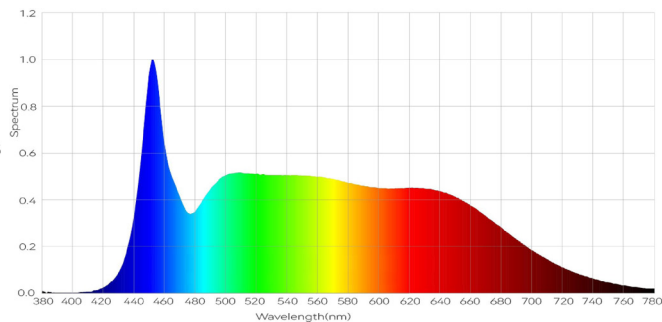
Web: www.glu-lightstrip.com



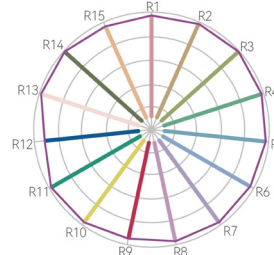
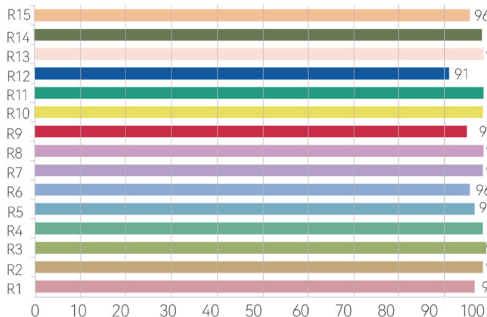
DAYLIGHT COLOR RENDERING INDEX CCT 5597K Ra=97.1



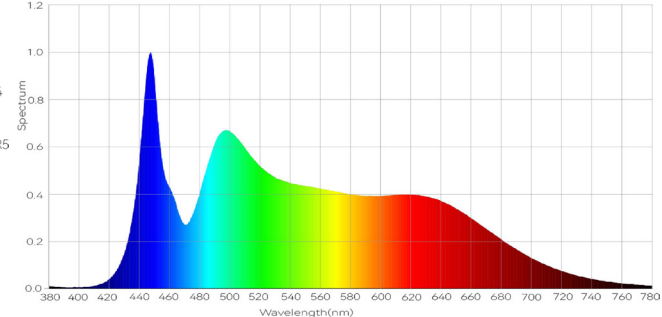
DAYLIGHT COLOR SPECTRUM & WAVELENGTH CCT 5597K Ra=97.1



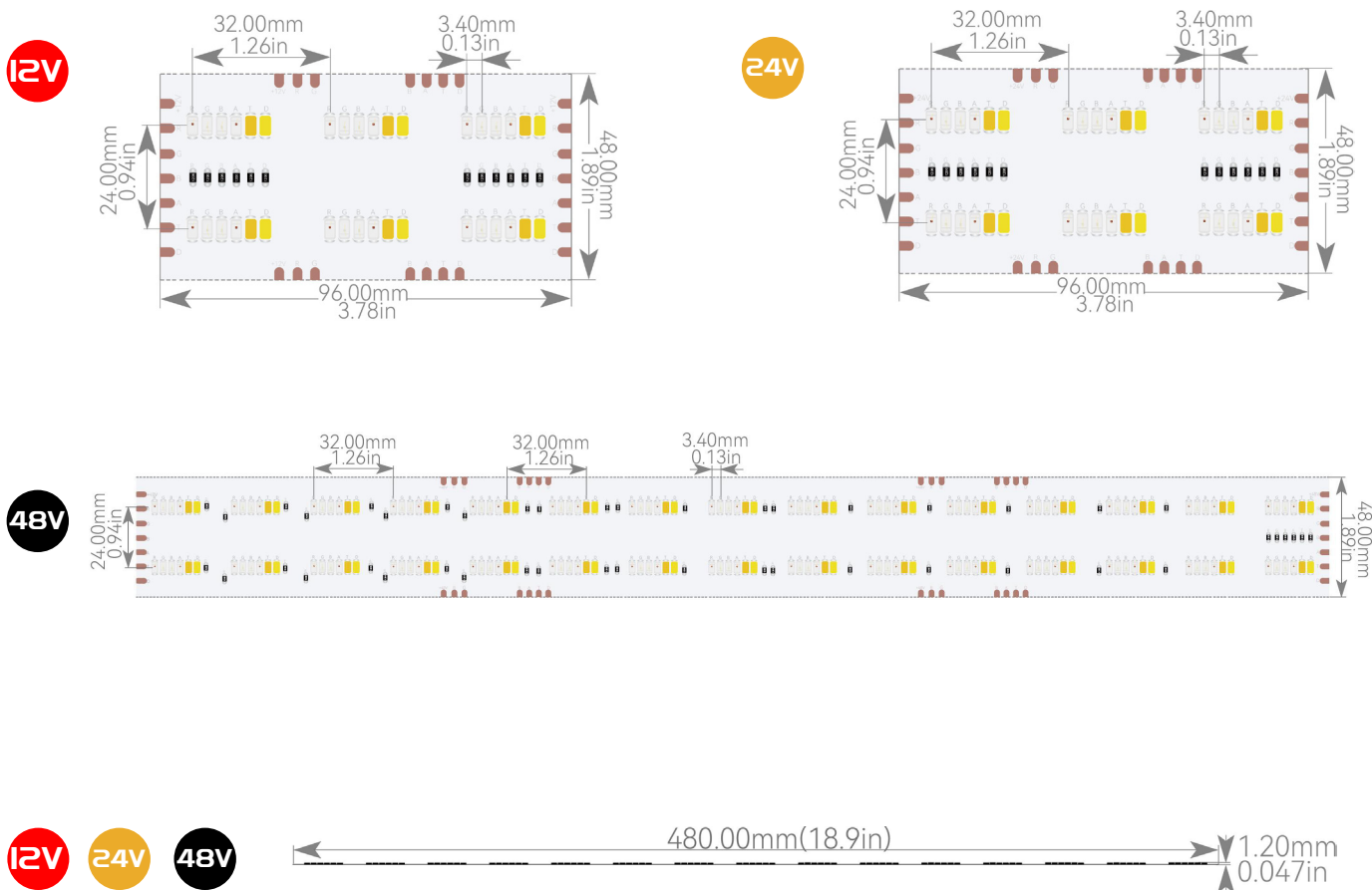
DAYLIGHT COLOR RENDERING INDEX CCT 6560K Ra=97.7



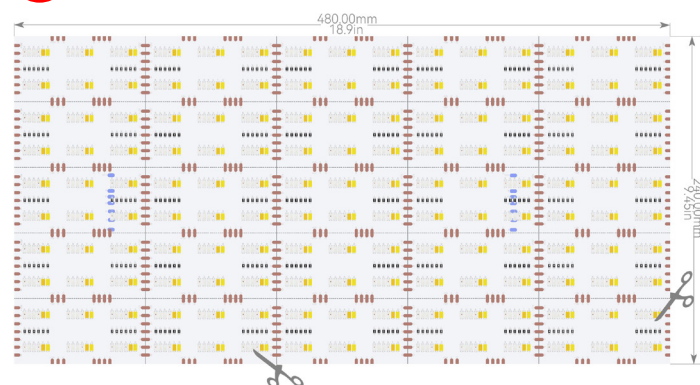
DAYLIGHT COLOR SPECTRUM & WAVELENGTH CCT 6560K Ra=97.7



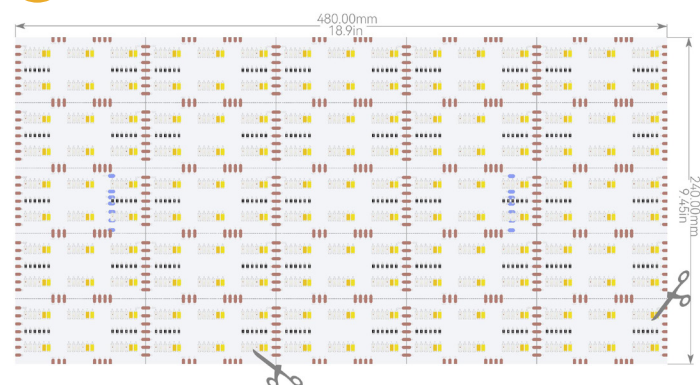
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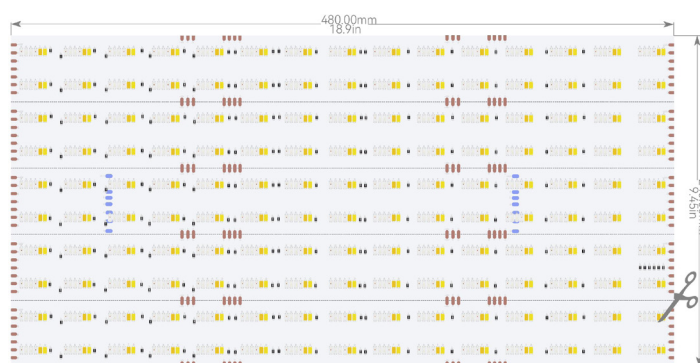
12V



24V



48V



ACCESSORIES

Jumper Wire

18/20AWG Jumper Wire in 15cm	GLU-W7P-15
18/20AWG Jumper Wire in 100m Roll	GLU-W7P-10000

High Frequency DMX Decoder

12-24V, 25-48V, 6CH×5A	PWM 5K/10K/20K/30KHz	GDE0605HF
12-24V 6CH×10A	PWM 5K/10K/20K/30KHz	GDE0610HF
12-24V 24CH×4A	PWM 5K/30KHz	GDE2404HF
12-24V 32CH×4A	PWM 5K/22KHz, 5K/30KHz	GDE2404HF

Power Supplier

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

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