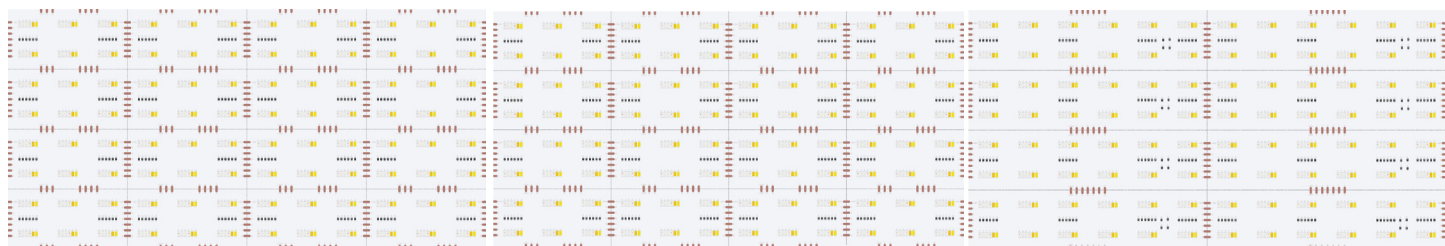


The CINEMA Chroma RGBATD LED Flex Panel™ series is the most popular product series to the Chroma Mat family. They are come with High output 5730 single red, green, blue, amber leds combined with Cinema quality 5730 Daylight and 5730 Tungsten SMD, Ra>95, full sperum R1-r15 all above 90, TLCI>95. With 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

24V

48V



12V TECHNICAL SPECIFICATIONS, 12VDC

Product Name: LED Flex Mat™ Cinema Chroma RGBATD 576LEDs Series	
Product Code: GLUB12CV424L0700FH03W576C3	
Part Number: GLU-P6L0700FH576-12V	Color: RGBATD
LED Qty./PCS: 576pcs(5730 R/G/B/A/T/D each 96pcs)	
Working Voltage: 12 VDC Typ. (8-13 VDC Constant Voltage)	
Max. Current per PCS: 5A(UL Standard)/10A(CE Standard)	
Max. Power per PCS: 60W(UL Standard)/120W(CE Standard)	
Current for each Color(UL Standard): R 0.8A /G 0.8A/B 0.8A/A 0.8A T 0.96A/D 0.96A	
Current for each Color(CE Standard): R 1.47A /G 1.47A/B 1.47A/A 1.47A T 2.08A/D 2.08A	
Power for each Color(UL Standard): R 9.6W/G 9.6W/B 9.6W/A 9.6W T 11.52W/D 11.52W	
Power for each Color(CE Standard): R 16.13W/G 16.13W/B 16.13W/A 16.13W T 19.2W/D 19.2W	
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): 275(Red)/1050(Green)/200(Blue)/335(Amber) 1000(Tungsten)/1100(Daylight)	
Max. Lumen(Typ.)(CE Standard): 540(Red)/1630(Green)/340(Blue)/590(Amber) 2000(Tungsten)/2260(Daylight)	
Cuttable or not: Yes	Cuttable Segment per Piece: 16
Dimension: 480mm×240mm(18.9in×9.45in)	
Mini Cuttable Segment: 120×60mm(4.72×2.36in.)	
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: 40mm(1.57in.) 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 576LEDs Series	
Product Code: GLUB24CV424L0700FH06W576C3	
Part Number: GLU-P6L0700FH576-24V	Color: RGBATD
LED Qty./PCS: 576pcs(5730 R/G/B/A/T/D each 96pcs)	
Working Voltage: 24 VDC Typ. (18-26 VDC Constant Voltage)	
Max. Current per PCS: 4.16A(UL Standard)/5A(CE Standard)	
Max. Power per PCS: 100W(UL Standard)/120W(CE Standard)	
Current for each Color(UL Standard): R 0.64A /G 0.64A/B 0.64A/A 0.64A T 0.83A/D 0.83A	
Current for each Color(CE Standard): R 0.72A /G 0.72A/B 0.72A/A 0.72A T 1.04A/D 1.04A	
Power for each Color(UL Standard): R 15.36W/G 15.36W/B 15.36W/A 15.36W T 19.97W/D 19.97W	
Power for each Color(CE Standard): R 17.66W/G 17.66W/B 17.66W/A 17.66W T 24.96W/D 24.96W	
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): 480(Red)/1480(Green)/300(Blue)/525(Amber) 1630(Tungsten)/1860(Daylight)	
Max. Lumen(Typ.)(CE Standard): 540(Red)/1630(Green)/340(Blue)/590(Amber) 2000(Tungsten)/2260(Daylight)	
Cuttable or not: Yes	Cuttable Segment per Piece: 16
Dimension: 480mm×240mm(18.9in×9.45in)	
Mini Cuttable Segment: 120×60mm(4.72×2.36in.)	
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: 40mm(1.57in.) 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)	

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Tel:+86-755-23708101/23708102

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

Web: www.glu-lightstrip.com



Product Name: LED Flex Mat™ Cinema Chroma RGBATD 576LEDs Series

Product Code: GLUB48CV424L0700FH12W576C3

Color: RGBATD

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

Max. Power per PCS: 100W(UL Standard)/120W(CE Standard)

Current for each Color(UL Standard):Red 0.32A /Green 0.32A/Blue 0.32A/Amber 0.32A/Tungsten 0.42A/Daylight 0.42A

Current for each Color(CE Standard):Red 0.37A /Green 0.37A/Blue 0.37A/Amber 0.37A/Tungsten 0.52A/Daylight 0.52A

Power for each Color(UL Standard):Red 15.36W/Green 15.36W/Blue 15.36W/Amber 15.36W/Tungsten 19.97W/Daylight 19.97W

Power for each Color(CE Standard):Red 17.66W/Green 17.66W/Blue 17.66W/Amber 17.66W/Tungsten 24.96W/Daylight 24.96W

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

Part Number: GLU-P6L0700FH576-48V

LED Qty./PCS: 576pcs(5730 R/G/B/A/T/D each 96pcs)

Max. Current per PCS: 2.08A(UL Standard)/2.5A(CE Standard)

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

CCT Whites (Typ.): 2800K(Tungsten)/6500K(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):480(Red)/1480(Green)/300(Blue)/525(Amber)/1630(Tungsten)/1860(Daylight)

Max. Lumen(Typ.)(CE Standard):540(Red)/1630(Green)/340(Blue)/590(Amber)/2000(Tungsten)/2260(Daylight)

Cuttable or not: Yes

Cuttable Segment per Piece: 8

Dimension: 480mm×240mm(18.9in×9.45in)

Mini Cuttable Segment: 240×60mm(9.45×2.36in.)

LEDs per Cut Segment: 72pcs (RGB+Tungsten+Daylight each 12pcs)

Mat overall Thickness: 1.2mm(0.047 in.)

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

LED Specing: 40mm(1.57in.) Center to Center

Connector: 7 pin Bared Cable(20AWG)

Mounting: 3M 9080HL(Others optional)

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

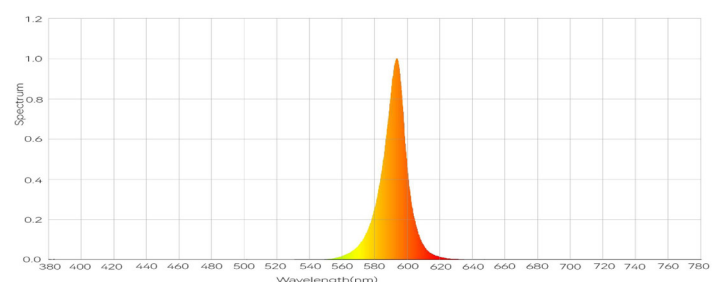
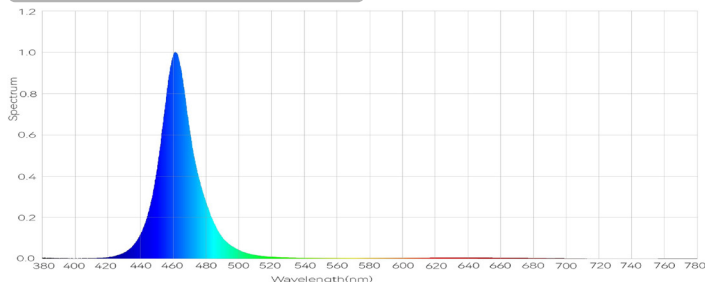
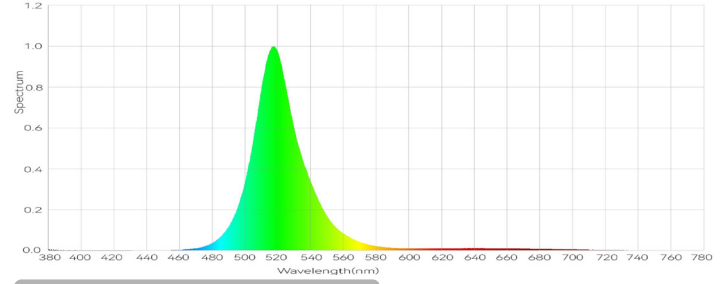
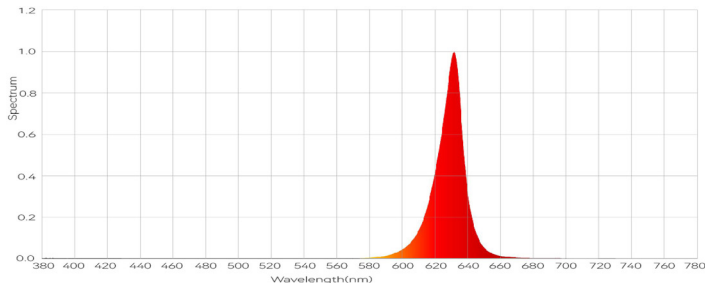
Operation Temperature: -20° C to +50° C

LED Lifetime: 50,000 Hrs

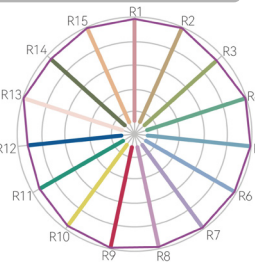
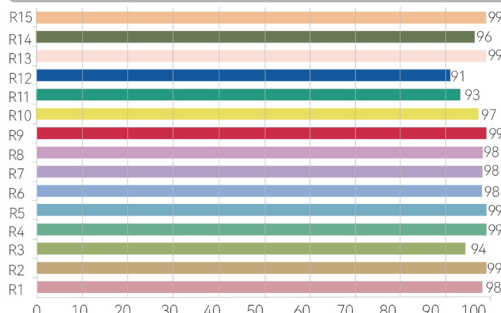
IP Grade: IP20

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

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

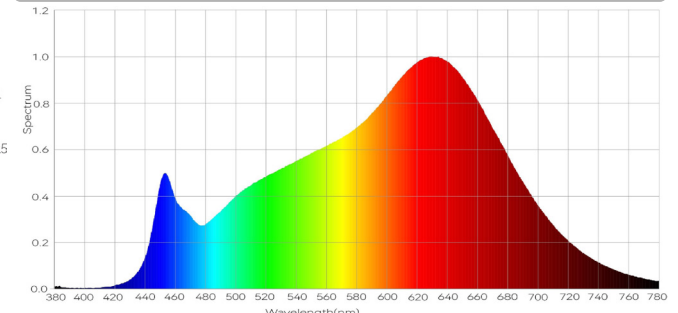


TUNGSTEN COLOR RENDERING INDEX CCT 2886K Ra=97.9



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

TUNGSTEN COLOR SPECTRUM & WAVELENGTH CCT 2886K Ra=97.9



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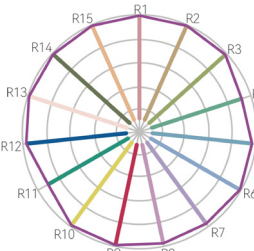
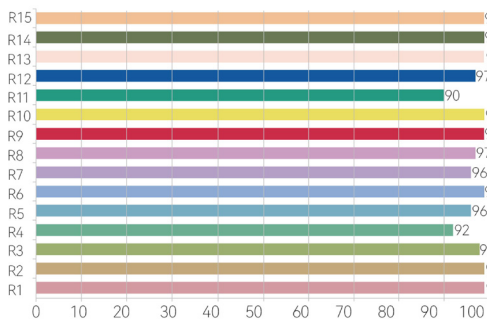
Tel:+86-755-23708101/23708102

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Web: www.glu-lightstrip.com

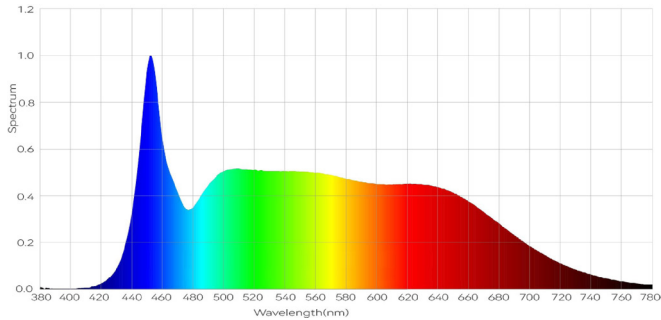


DAYLIGHT COLOR RENDERING INDEX CCT 5597K Ra=97.1

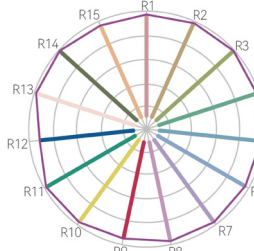
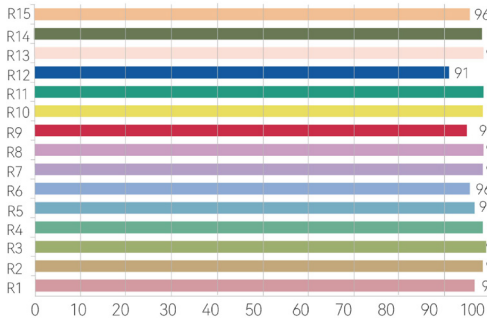


TM30 Data: Rf=96, Rg=102, CQS=98 TLCI=98

DAYLIGHT COLOR SPECTRUM & WAVELENGTH CCT 5597K Ra=97.1

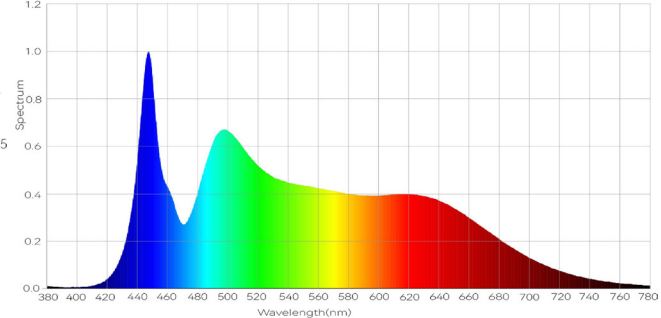


DAYLIGHT COLOR RENDERING INDEX CCT 6560K Ra=97.7

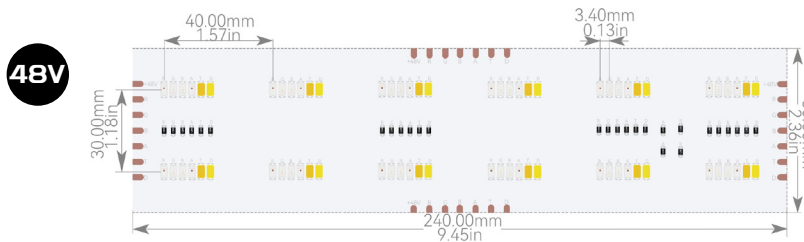
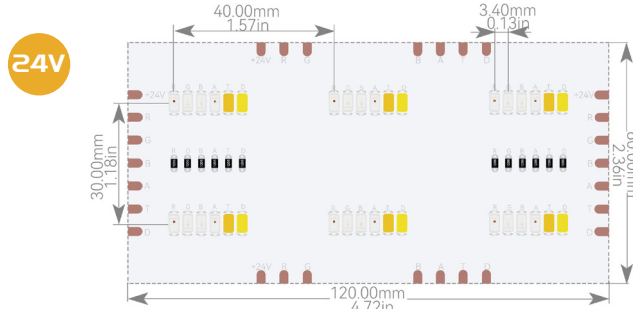
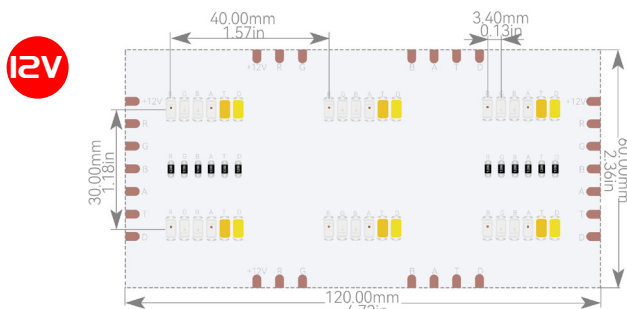


TM30 Data: Rf=96, Rg=102, CQS=98 TLCI=97

DAYLIGHT COLOR SPECTRUM & WAVELENGTH CCT 6560K Ra=97.7



DIMENSION



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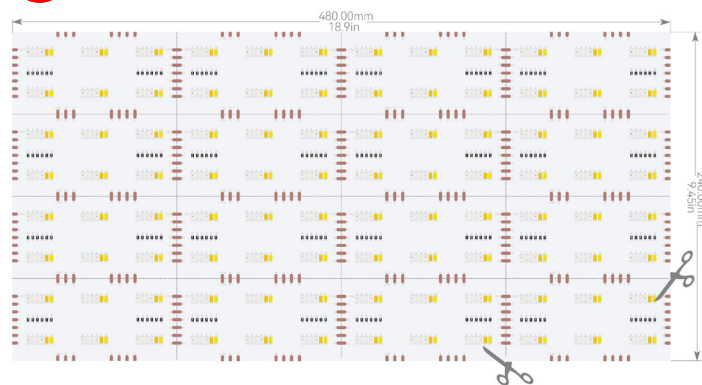
Tel: +86-755-23708101/23708102

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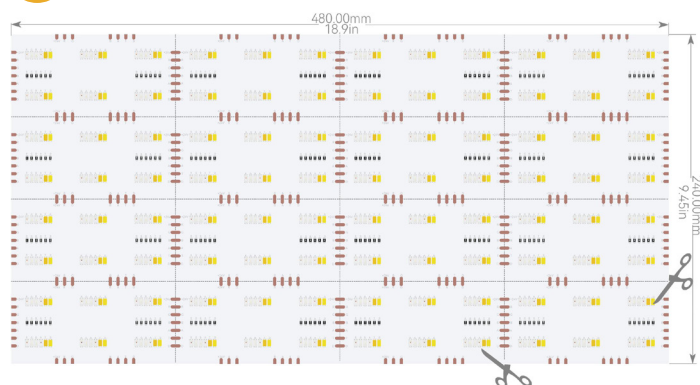
Web: www.glu-lightstrip.com



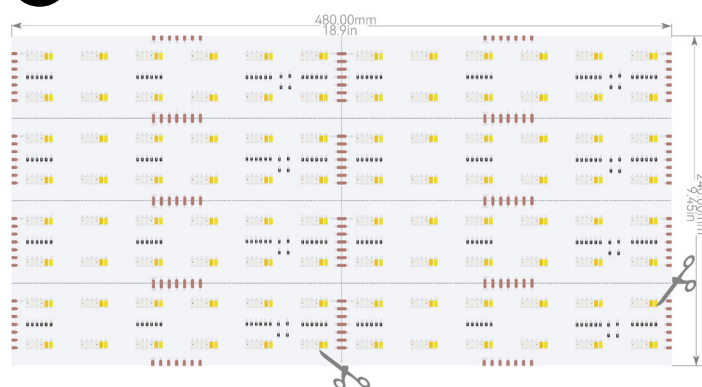
12V



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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