

CINEMA Hybrid Flex LED Mat(Panels)

5730 Hybrid Series



Content

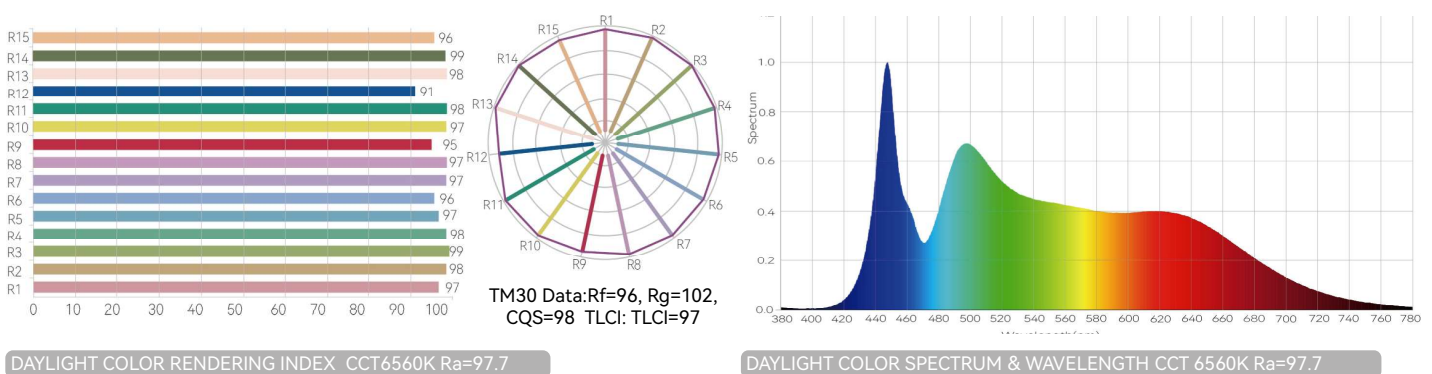
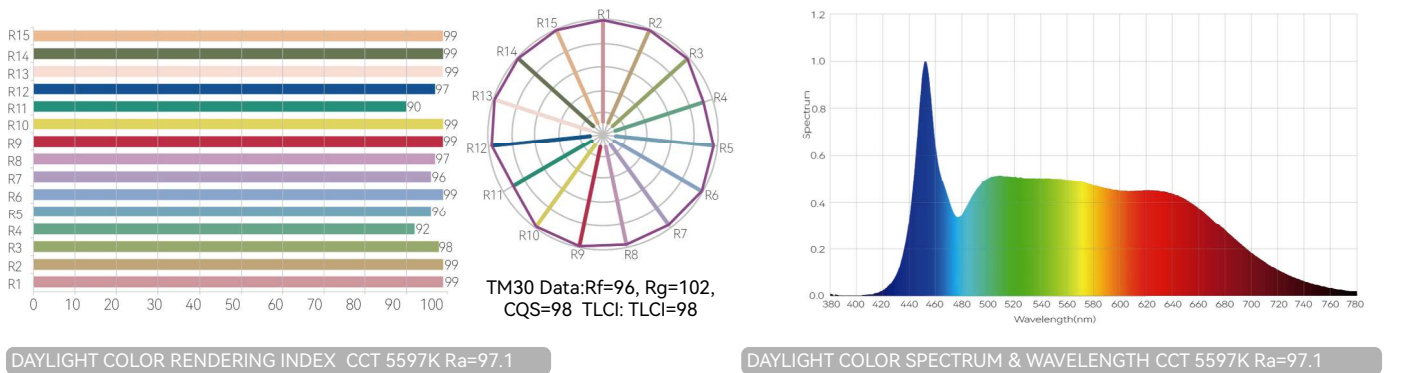
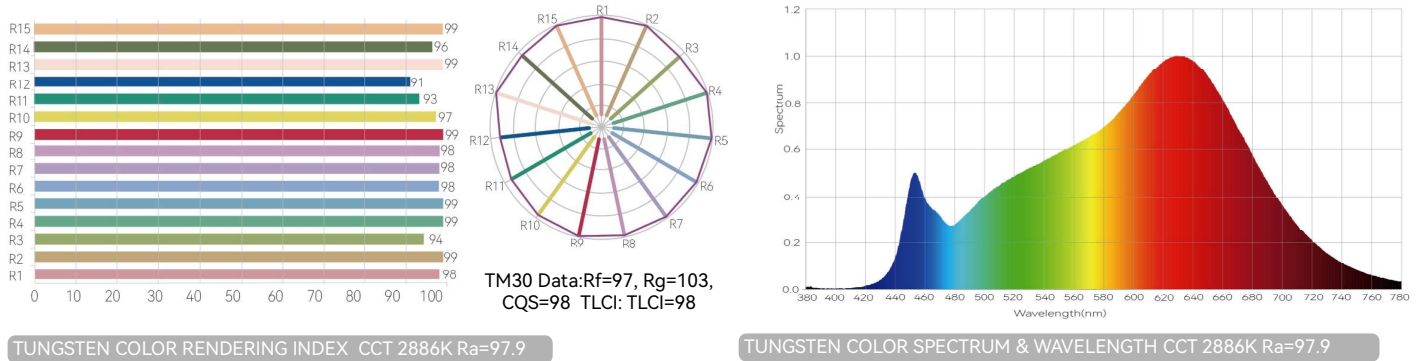
Content	1
General Information	2
Cuttable Flex Panel 288leds/pcs 12V/24V	3
Cuttable Flex Panel 360leds/pcs 12V/24V	4
Cuttable Flex Panel 360leds/pcs 48V, 576leds/pcs 12V	5
Cuttable Flex Panel 576leds/pcs 24V/48V	6
Cuttable Flex Panel 784leds/pcs 12V/24V	7
Cuttable Flex Panel 784leds/pcs 48V, 900leds/pcs 12V	8
Cuttable Flex Panel 900leds/pcs 24V/48V	9

The CINEMA 5730 Cuttable Hybrid Flex LED Mat/Panel Series, is one of the most popular series of the Hybrid family.

For the CINEMA 5730 Hybrid series use tungsten/flame combined with daylight sources, CCT from 2000K with 10000K and among, high CRI 95+, with full spectrum R1-R15 all above 90, all TLCI>95. Large chip size are used, which makes mats with high luminous efficacy, even with a high CRI value.

With your professional high frequency controller or DMX decoder supplied from GLU Lighting, it can achieve all CCT between.

Cuttable with DC12V, DC24V and different density for choice, with 120 degree view angle allows for soft, even output even at close distances. Extremely versatile, light-weight, color-correct, and economical make all these LED Mat a hit with cinematographers and DOPs alike.



Special Remarks:

1. Due to tolerance of testing equipment, the actual parameters may have difference with the parameters in this catalogue.
2. High Power! Using with heat dissipation device is recommended. Do not long time working with full color!
3. For parameters mentioned with UL means product made with UL Certification, Non-UL is the product not asked for UL Certification.
4. The parameters of product are subject to changes without prior notice.

CINEMA Cuttable Hybrid Flex LED Mat(Panel) Series

5730 Hybrid Series



Product Code: GLUB12CV424L0700BI03W288C3

Part No.: GLU-P2L0700BI288-12V

LED Qty.: 288pcs(Tungsten/Daylight each 144 pcs)

Working Voltage: DC12V

Power(Max.): 60W

Current(Max.): 5A

Beam Angle: 120°

Dimension: 480×240mm(18.9×9.45 in.)

Mini Cuttable Size: 60×40mm(2.36×1.57in.)

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

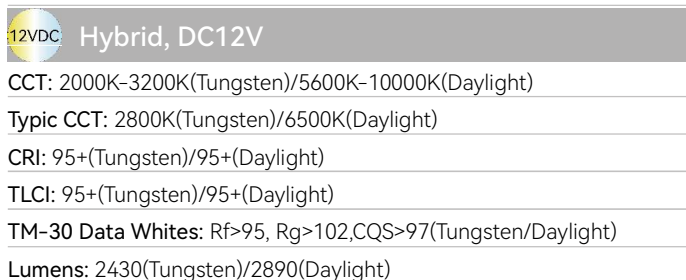
IP Grade: IP20

Standard Connector: 3Pin Bared cable

Standard Installation: 3M 9080HL Back Adhesive

Life Span: 50,000 Hrs

Certification: UL/CUL Listed, CE Compliant



Product Code: GLUB24CV424L0700BI06W288C3

Part No.: GLU-P2L0700BI288-24V

LED Qty.: 288pcs(Tungsten/Daylight each 144 pcs)

Working Voltage: DC24V

Power(Max.): 60W

Current(Max.): 2.5A

Beam Angle: 120°

Dimension: 480×240mm(18.9×9.45 in.)

Mini Cuttable Size: 120×40mm(4.72×1.57in.)

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

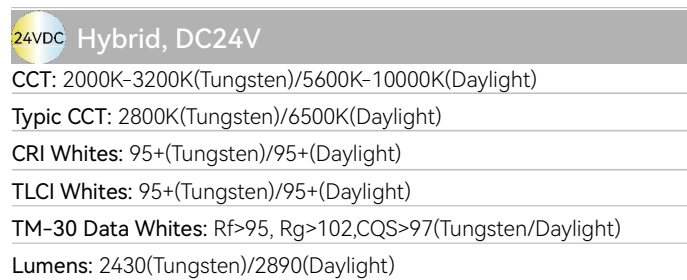
IP Grade: IP20

Standard Connector: 3Pin Bared cable

Standard Installation: 3M 9080HL Back Adhesive

Life Span: 50,000 Hrs

Certification: UL/CUL Listed, CE Compliant



CINEMA Cuttable Hybrid Flex LED Mat(Panel) Series

5730 Hybrid Series

DC12V Cuttable Flex Mat, 360LEDs, DC12V

Product Code: GLUB12CV424L0700BI03W360C3

Part No.: GLU-P2L0700BI360-12V

LED Qty.: 360pcs(Tungsten/Daylight each 180 pcs)

Working Voltage: DC12V

Power(Max.): 60W(UL Standard)/80W(Non-UL Standard)

Current(Max.): 5A(UL Standard)/6.67A(Non-UL Standard)

Beam Angle: 120°

Dimension: 480×240mm(18.9×9.45 in.)

Mini Cuttable Size: 80×48mm(3.15×1.89in.)

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

IP Grade: IP20

Standard Connector: 3Pin Bared cable

Standard Installation: 3M 9080HL Back Adhesive

Life Span: 50,000 Hrs

Certification: UL/CUL Listed, CE Compliant

12VDC Hybrid, DC12V

CCT: 2000K-3200K(Tungsten)/5600K-10000K(Daylight)

Typic CCT: 2800K(Tungsten)/6500K(Daylight)

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

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

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

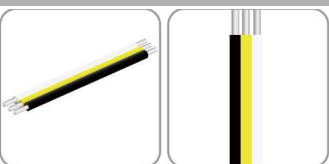
Lumens(UL Standard): 2480(Tungsten)/2840(Daylight)

Lumens(Non-UL Standard): 3150(Tungsten)/3730(Daylight)

Dimension



BARE WIRE



DC24V Cuttable Flex Mat, 360LEDs, DC24V

Product Code: GLUB24CV424L0700BI06W360C3

Part No.: GLU-P2L0700BI360-24V

LED Qty.: 360pcs(Tungsten/Daylight each 180pcs)

Working Voltage: DC24V

Power(Max.): 80W

Current(Max.): 3.33A

Beam Angle: 120°

Dimension: 480×240mm(18.9×9.45 in.)

Mini Cuttable Size: 80×48mm(3.15×1.89in.)

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

IP Grade: IP20

Standard Connector: 3Pin Bared cable

Standard Installation: 3M 9080HL Back Adhesive

Life Span: 50,000 Hrs

Certification: UL/CUL Listed, CE Compliant

24VDC Hybrid, DC24V

CCT: 2000K-3200K(Tungsten)/5600K-10000K(Daylight)

Typic CCT: 2800K(Tungsten)/6500K(Daylight)

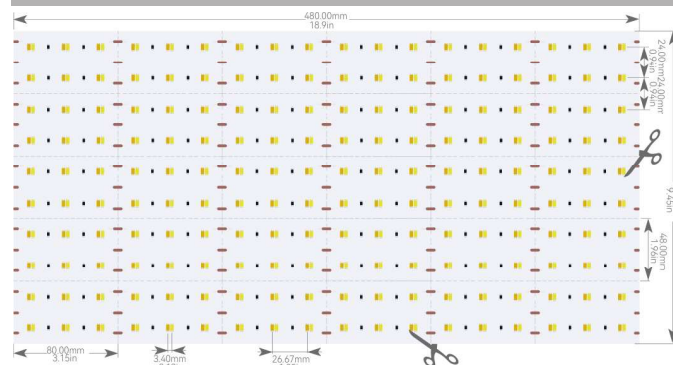
CRI Whites: 95+(Tungsten)/95+(Daylight)

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

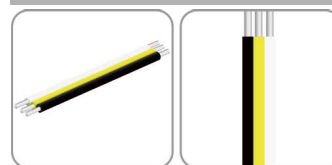
TM-30 Data Whites: Rf>95, Rg>102, CQS>97(Tungsten/Daylight)

Lumens: 3150(Tungsten)/3730(Daylight)

Dimension

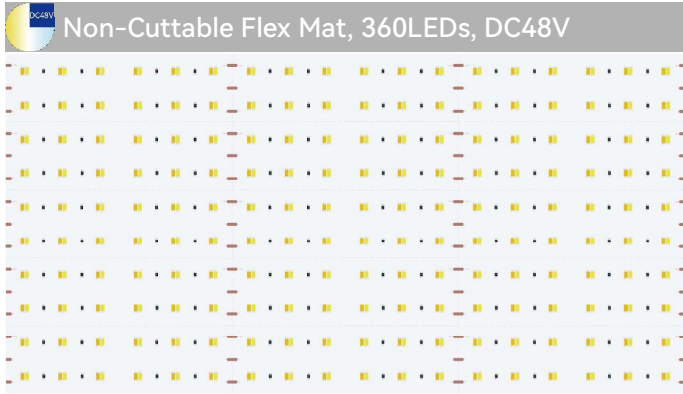


BARE WIRE



CINEMA Cuttable Hybrid Flex LED Mat(Panel) Series

5730 Hybrid Series



Product Code: GLUB48CV424L0700BI12W360C3

Part No.: GLU-P2L0700BI360-48V

LED Qty.: 360pcs(Tungsten/Daylight each 180pcs)

Working Voltage: DC28V

Power(Max.) 80W

Current(Max.): 3.33A

Beam Angle: 120°

Dimension: 480×240mm(18.9×9.45 in.)

Mini Cuttable Size: 80×48mm(3.15×1.89in.)

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

IP Grade: IP20

Standard Connector: 3Pin Bared cable

Standard Installation: 3M 9080HL Back Adhesive

Life Span: 50,000 Hrs

Certification: UL/CUL Listed, CE Compliant



CCT: 2000K-3200K(Tungsten)/5600K-10000K(Daylight)

Typic CCT: 2800K(Tungsten)/6500K(Daylight)

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

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

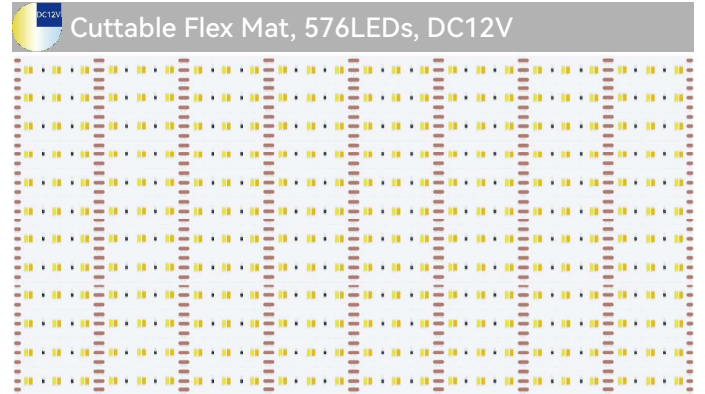
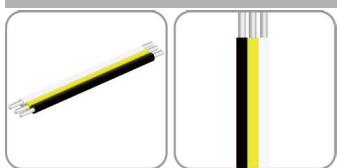
TM-30 Data Whites: Rf>95, Rg>102, CQS>97(Tungsten/Daylight)

Lumens: 3150(Tungsten)/3730(Daylight)

Dimension



BARE WIRE



Product Code: GLUB12CV424L0700BI03W576C3

Part No.: GLU-P2L0700BI576-12V

LED Qty.: 576pcs(Tungsten/Daylight each 288pcs)

Working Voltage: DC12V

Power(Max.): 60W(UL Standard)/100W(Non-UL Standard)

Current(Max.): 5A(UL Standard)/8.33A(Non-UL Standard)

Beam Angle: 120°

Dimension: 480×240mm(18.9×9.45 in.)

Mini Cuttable Size: 60×20mm(2.36×0.79in.)

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

IP Grade: IP20

Standard Connector: 3Pin Bared cable

Standard Installation: 3M 9080HL Back Adhesive

Life Span: 50,000 Hrs

Certification: UL/CUL Listed, CE Compliant



CCT: 2000K-3200K(Tungsten)/5600K-10000K(Daylight)

Typic CCT: 2800K(Tungsten)/6500K(Daylight)

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

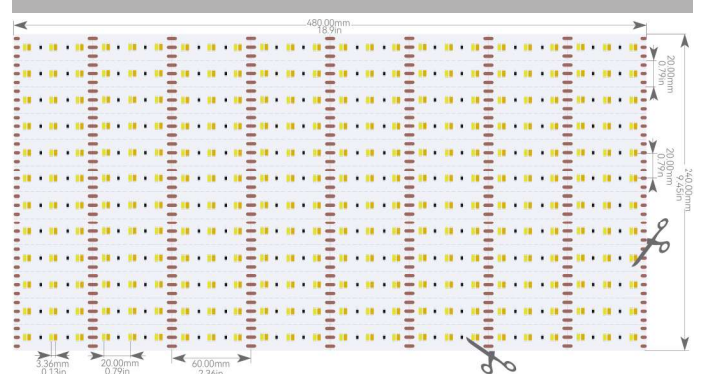
TLCI: 95+(Tungsten)/95+(Daylight)

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

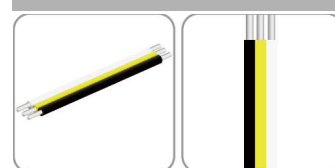
Lumens(UL Standard): 2620(Tungsten)/2900(Daylight)

Lumens(Non-UL Standard): 4240(Tungsten)/4740(Daylight)

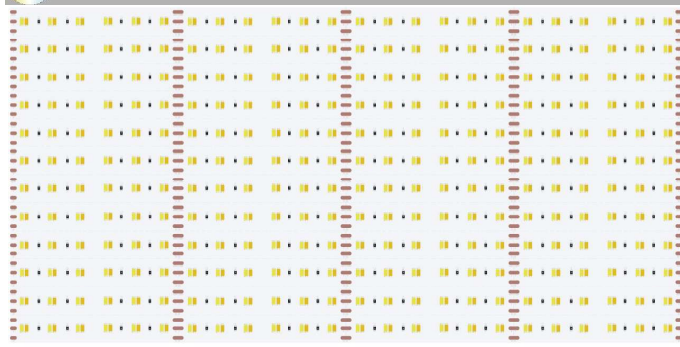
Dimension



BARE WIRE



Cuttable Flex Mat, 576LEDs, DC24V



Product Code: GLUB24CV424L0700BI06W576C3

Part No.: GLU-P2L0700BI576-24V

LED Qty.: 576pcs(Tungsten/Daylight each 288pcs)

Working Voltage: DC24V

Power(Max.): 100W

Current(Max.): 4.16A

Beam Angle: 120°

Dimension: 480×240mm(18.9×9.45 in.)

Mini Cuttable Size: 120×20mm(4.72×0.79in.)

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

IP Grade: IP20

Standard Connector: 3Pin Bared cable

Standard Installation: 3M 9080HL Back Adhesive

Life Span: 50,000 Hrs

Certification: UL/CUL Listed, CE Compliant

24VDC Hybrid, DC24V

CCT: 2000K-3200K(Tungsten)/5600K-10000K(Daylight)

Typic CCT: 2800K(Tungsten)/6500K(Daylight)

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

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

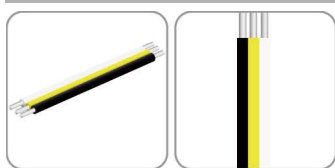
TM-30 Data Whites: Rf>95, Rg>102, CQS>97(Tungsten/Daylight)

Lumens: 4240(Tungsten)/4740(Daylight)

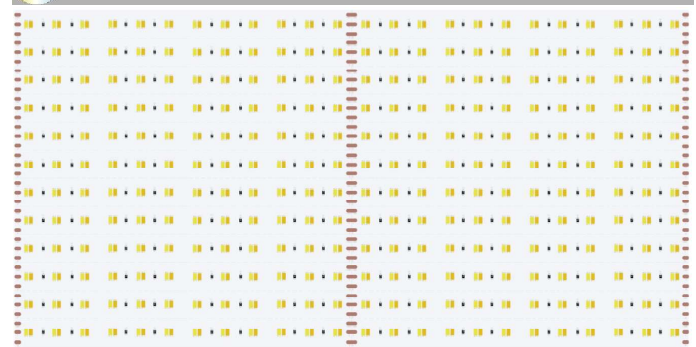
Dimension



BARE WIRE



Non-Cuttable Flex Mat, 576LEDs, DC48V



Product Code: GLUB48CV424L0700BI12W576C3

Part No.: GLU-P2L0700BI576-48V

LED Qty.: 576pcs(Tungsten/Daylight each 288pcs)

Working Voltage: DC48V

Power(Max.): 100W

Current(Max.): 2.08A

Beam Angle: 120°

Dimension: 480×240mm(18.9×9.45 in.)

Mini Cuttable Size: 240×20mm(9.45×0.79in.)

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

IP Grade: IP20

Standard Connector: 3Pin Bared cable

Standard Installation: 3M 9080HL Back Adhesive

Life Span: 50,000 Hrs

Certification: UL/CUL Listed, CE Compliant

48VDC Hybrid, DC48V

CCT: 2000K-3200K(Tungsten)/5600K-10000K(Daylight)

Typic CCT: 2800K(Tungsten)/6500K(Daylight)

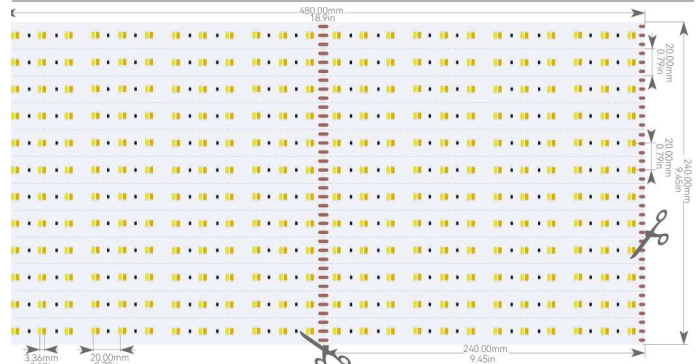
CRI: 95+(Tungsten)/95+(Daylight)

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

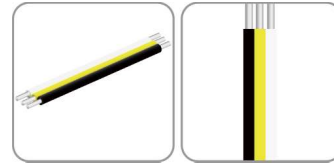
TM-30 Data Whites: Rf>95, Rg>102, CQS>97(Tungsten/Daylight)

Lumens: 4240(Tungsten)/4740(Daylight)

Dimension



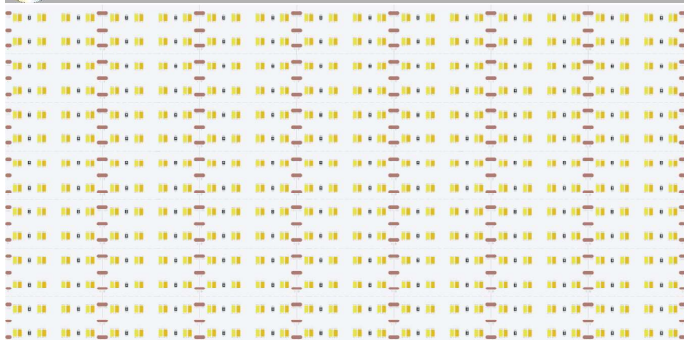
BARE WIRE



CINEMA Cuttable Hybrid Flex LED Mat(Panel) Series

5730 Hybrid Series

Cuttable Flex Mat, 784LEDs, DC12V



Product Code: GLUB12CV424L0700BI04W784C3

Part No.: GLU-P2L0700BI784-12V

LED Qty.: 784pcs(Tungsten/Daylight each 392pcs)

Working Voltage: DC12V

Power(Max.): 60W(UL Standard)/120W(Non-UL Standard)

Current(Max.): 5A(UL Standard)/10A(Non-UL Standard)

Beam Angle: 120°

Dimension: 480×240mm(18.9×9.45 in.)

Mini Cuttable Size: 68.57×34.29mm(2.7×1.35in.)

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

IP Grade: IP20

Standard Connector: 3Pin Bared cable

Standard Installation: 3M 9080HL Back Adhesive

Life Span: 50,000 Hrs

Certification: UL/CUL Listed, CE Compliant

Hybrid, DC12V

CCT: 2000K-3200K(Tungsten)/5600K-10000K(Daylight)

Typic CCT: 2800K(Tungsten)/6500K(Daylight)

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

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

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

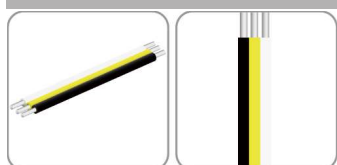
Lumens(UL Standard): 3300(Tungsten)/3720(Daylight)

Lumens(Non-UL Standard): 6600(Tungsten)/7600(Daylight)

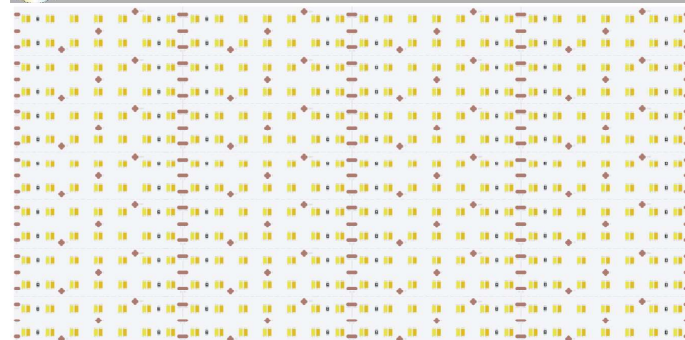
Dimension



BARE WIRE



Cuttable Flex Mat, 784LEDs, DC24V



Product Code: GLUB24CV424L0700BI07W784C3

Part No.: GLU-P2L0700BI784-24V

LED Qty.: 784pcs(Tungsten/Daylight each 392pcs)

Working Voltage: DC24V

Power(Max.): 100W(UL Standard)/120W(Non-UL Standard)

Current(Max.): 4.16A(UL Standard)/5A(Non-UL Standard)

Beam Angle: 120°

Dimension: 480×240mm(18.9×9.45 in.)

Mini Cuttable Size: 120×20mm(4.72×0.79in.)

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

IP Grade: IP20

Standard Connector: 3Pin Bared cable

Standard Installation: 3M 9080HL Back Adhesive

Life Span: 50,000 Hrs

Certification: UL/CUL Listed, CE Compliant

Hybrid, DC24V

CCT: 2000K-3200K(Tungsten)/5600K-10000K(Daylight)

Typic CCT: 2800K(Tungsten)/6500K(Daylight)

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

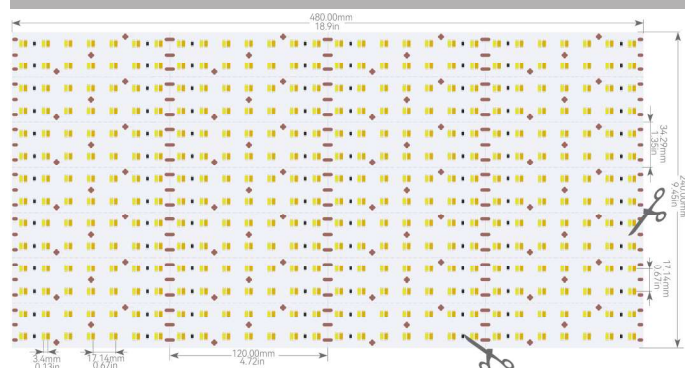
TLCI Whites: 95+(Tungsten)/95+(Daylight)

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

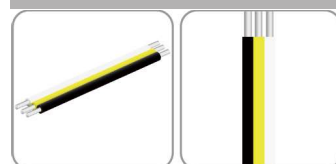
Lumens(UL Standard): 4890(Tungsten)/5430(Daylight)

Lumens(Non-UL Standard): 5770(Tungsten)/6450(Daylight)

Dimension



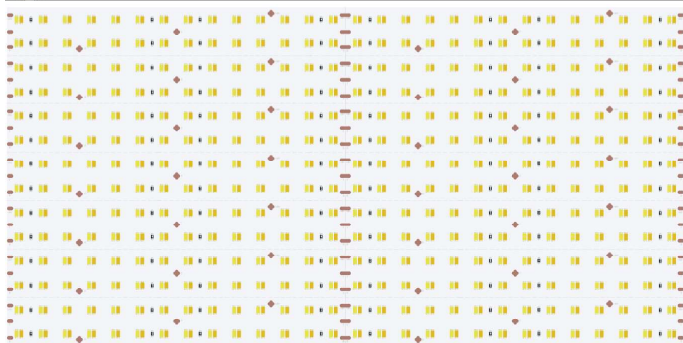
BARE WIRE



CINEMA Cuttable Hybrid Flex LED Mat(Panel) Series

5730 Hybrid Series

Cuttable Flex Mat, 748LEDs, DC48V



Product Code: GLUB48CV424L0700BI14W784C3

Part No.: GLU-P2L0700BI784-48V

LED Qty.: 784pcs(Tungsten/Daylight each 392pcs)

Working Voltage: DC48V

Power(Max.): 100W(UL Standard)/120W(Non-UL Standard)

Current(Max.): 2.08A(UL Standard)/2.5A(Non-UL Standard)

Beam Angle: 120°

Dimension: 480×240mm(18.9×9.45 in.)

Mini Cuttable Size: 240×20mm(9.45×0.79in.)

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

IP Grade: IP20

Standard Connector: 3Pin Bared cable

Standard Installation: 3M 9080HL Back Adhesive

Life Span: 50,000 Hrs

Certification: UL/CUL Listed, CE Compliant

48VDC Hybrid, DC48V

CCT: 2000K-3200K(Tungsten)/5600K-10000K(Daylight)

Typic CCT: 2800K(Tungsten)/6500K(Daylight)

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

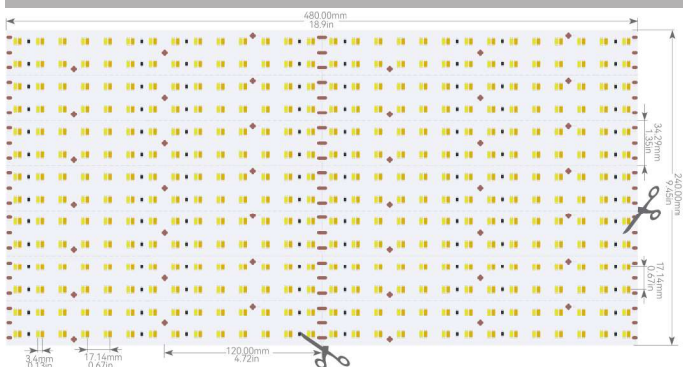
TLCI: 95+(Tungsten)/95+(Daylight)

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

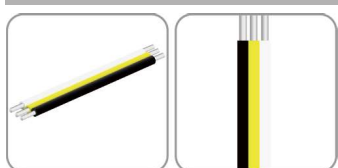
Lumens(UL Standard): 4890(Tungsten)/5430(Daylight)

Lumens(Non-UL Standard): 5770(Tungsten)/6450(Daylight)

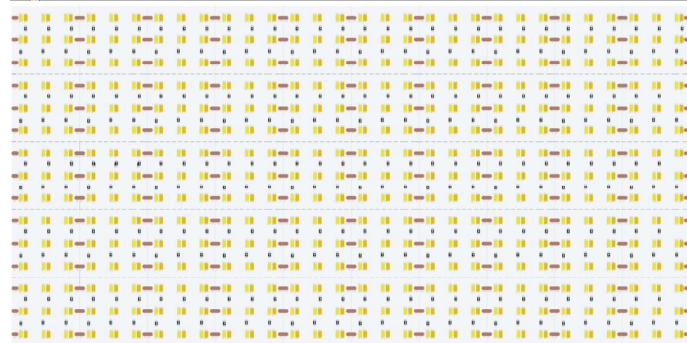
Dimension



BARE WIRE



Non-Cuttable Flex Mat, 900LEDs, DC12V



Product Code: GLUB12CV424L0700BI03W900C3

Part No.: GLU-P2L0700BI900-12V

LED Qty.: 900pcs(Tungsten/Daylight each 450pcs)

Working Voltage: DC12V

Power(Max.): 60W(UL Standard)/140W(Non-UL Standard)

Current(Max.): 5A(UL Standard)/11.66A(Non-UL Standard)

Beam Angle: 120°

Dimension: 480×240mm(18.9×9.45 in.)

Mini Cuttable Size: 48×48mm(1.89×1.89in.)

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

IP Grade: IP20

Standard Connector: 3Pin Bared cable

Standard Installation: 3M 9080HL Back Adhesive

Life Span: 50,000 Hrs

Certification: UL/CUL Listed, CE Compliant

12VDC Hybrid, DC12V

CCT: 2000K-3200K(Tungsten)/5600K-10000K(Daylight)

Typic CCT: 2800K(Tungsten)/6500K(Daylight)

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

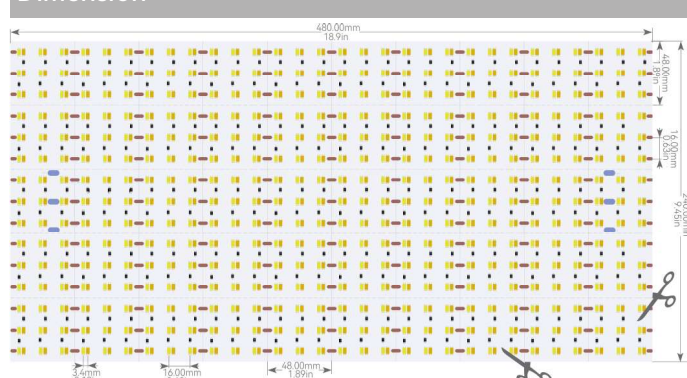
TLCI: 95+(Tungsten)/95+(Daylight)

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

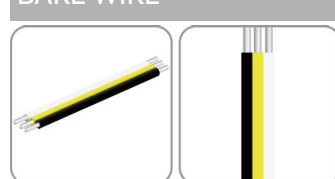
Lumens(UL Standard): 2560(Tungsten)/3050(Daylight)

Lumens(Non-UL Standard): 5910(Tungsten)/6620(Daylight)

Dimension

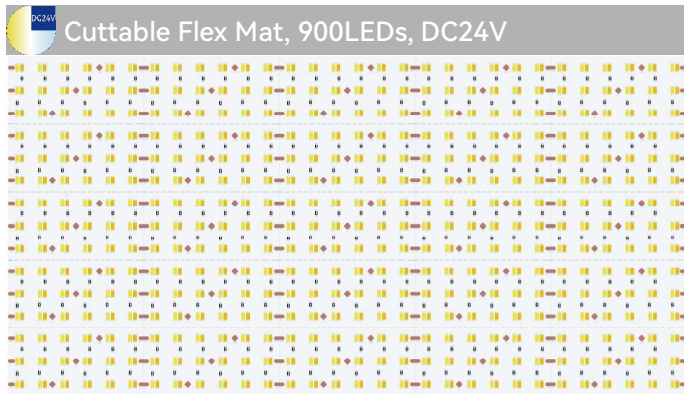


BARE WIRE



CINEMA Cuttable Hybrid Flex LED Mat(Panel) Series

5730 Hybrid Series



Product Code: GLUB24CV424L0700BI06W900C3

Part No.: GLU-P2L0700BI900-24V

LED Qty.: 900pcs(Tungsten/Daylight each 450pcs)

Working Voltage: DC24V

Power(Max.): 100W(UL Standard)/140W(Non-UL Standard)

Current(Max.): 4.16A(UL Standard)/5.83A(Non-UL Standard)

Beam Angle: 120°

Dimension: 480×240mm(18.9×9.45 in.)

Mini Cuttable Size: 96×48mm(3.78×1.89in.)

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

IP Grade: IP20

Standard Connector: 3Pin Bared cable

Standard Installation: 3M 9080HL Back Adhesive

Life Span: 50,000 Hrs

Certification: UL/CUL Listed, CE Compliant



CCT: 2000K-3200K(Tungsten)/5600K-10000K(Daylight)

Typic CCT: 2800K(Tungsten)/6500K(Daylight)

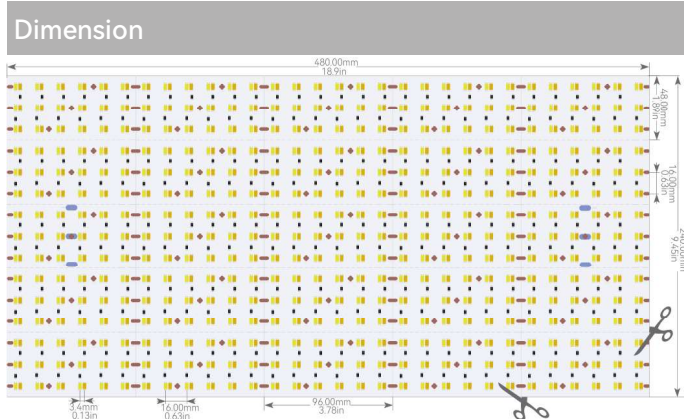
CRI Whites: 95+(Tungsten)/95+(Daylight)

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

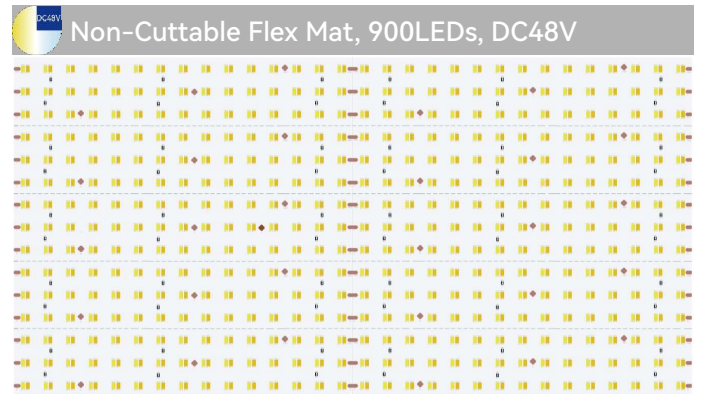
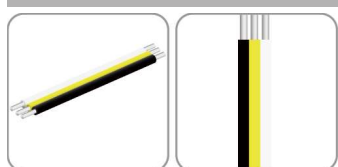
TM-30 Data Whites: Rf>95, Rg>102, CQS>97(Tungsten/Daylight)

Lumens(UL Standard): 4270(Tungsten)/4940(Daylight)

Lumens(Non-UL Standard): 5910(Tungsten)/6620(Daylight)



BARE WIRE



Product Code: GLUB48CV424L0700BI12W900C3

Part No.: GLU-P2L0700BI900-48V

LED Qty.: 900pcs(Tungsten/Daylight each 450pcs)

Working Voltage: DC48V

Power(Max.): 100W(UL Standard)/140W(Non-UL Standard)

Current(Max.): 2.08A(UL Standard)/2.92A(Non-UL Standard)

Beam Angle: 120°

Dimension: 480×240mm(18.9×9.45 in.)

Mini Cuttable Size: 240×48mm(9.45×1.89in.)

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

IP Grade: IP20

Standard Connector: 3Pin Bared cable

Standard Installation: 3M 9080HL Back Adhesive

Life Span: 50,000 Hrs

Certification: UL/CUL Listed, CE Compliant



CCT: 2000K-3200K(Tungsten)/5600K-10000K(Daylight)

Typic CCT: 2800K(Tungsten)/6500K(Daylight)

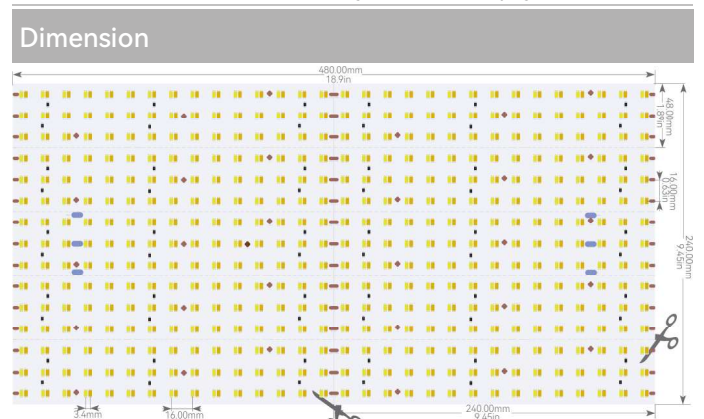
CRI: 95+(Tungsten)/95+(Daylight)

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

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

Lumens(UL Standard): 5300(Tungsten)/6140(Daylight)

Lumens(Non-UL Standard): 7200(Tungsten)/8300(Daylight)



BARE WIRE

