FLED SHEET

2700K-6500K

RGBW

These Flexible LED Sheets can be cut along the marked scissor lines to fit various shapes and sizes. They are designed for versatile lighting applications and are widely used in large illuminated areas such as backlit light boxes, bar counters and decorative lighting installations.

FLED SHEET 392

392-240MM

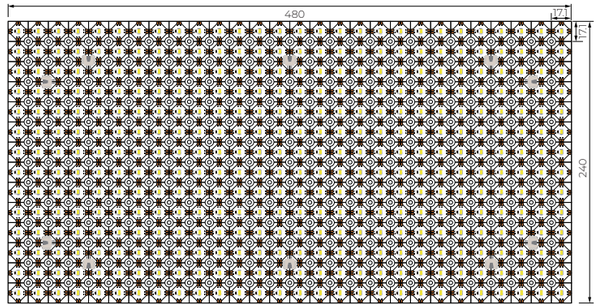
Flexible LED Sheets are fully modular and cuttable lights for backlighting applications. Suitable for large-area light source laying.

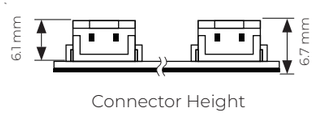
Along the cutting line, the LED sheet can be cut in three directions: horizontally , vertically, and diagonally.

Quick connector cable easily connect LED sheets.

Long-life LED > 50,000 hrs, 1 Bin, CRI>90.

Dimensions





Unit: mm
Cross section

Technical Data

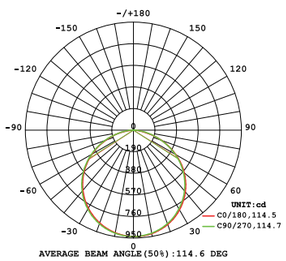
Input voltage	DC24V
CRI(Ra)	>90
Lm/w@4000k	84
Beam angle	120°
LED Chips/pcs	392LEDs
LONG-life LED	50000h
Working temperture	-25℃~+45℃
Cuttable length(mm)	17.1x17.1 (Horizontal/Vertical) / 12.1x12.1 (Diagonal)

Voltage
24v DC

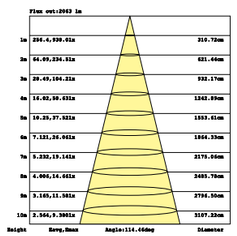
3-Step
MacAdam

Consistency
One Bin

Warranty
5 Years



Light Distribution Curve

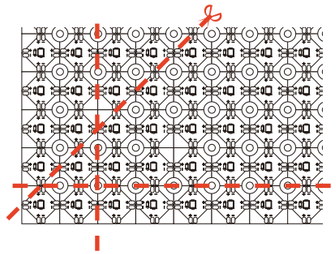


Effective Average Illuminance

CCT (K)	Power (W/PCS)	Lumen (LM/M)	Max.run Sheets (PCS)	CC/CV
2700	32	2493	6	CV
3000	32	2560	6	CV
4000	32	2688	6	CV
6500	32	2656	6	CV

*CV: Constant Voltage, CC: Constant Current.

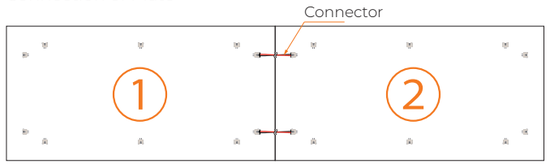
Cutting Marks



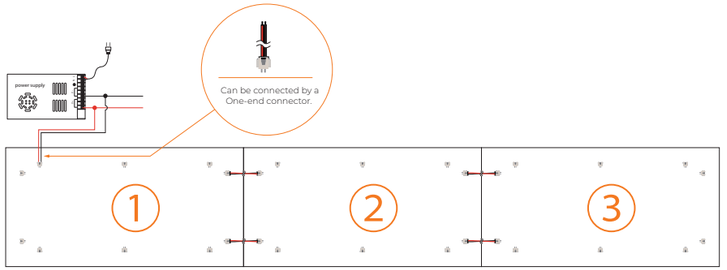
As shown in the figure, horizontal, vertical and diagonal cutting can be carried out along the lines on the panel. When cutting, take care not to cut components.

Connection Diagram

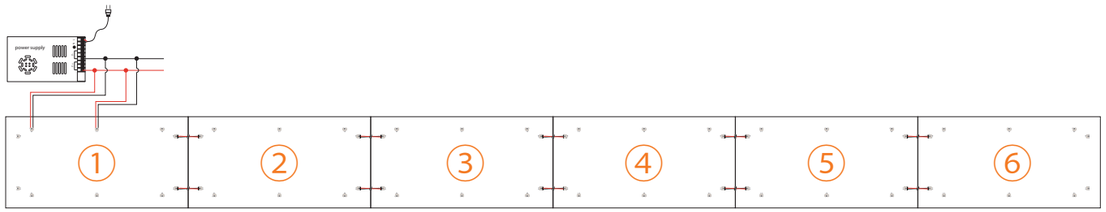
Connection of Plate：



Single Power Supply Point：



Series Connection：



⚠ The maximum overload current of the PH terminal is 5A.
A single power supply point carries a maximum of 3PCS plates, and a maximum of 6PCS plates in series.

Connecting Cable

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
Jumper Cable - 6cm	60mm	Inner core：20AWG	●●	Red V+、Black V-
Jumper Cable - 30cm	300mm			
Hardwire Power Cable - 30cm	300mm			

FLED SHEET TW 784

784-240MM

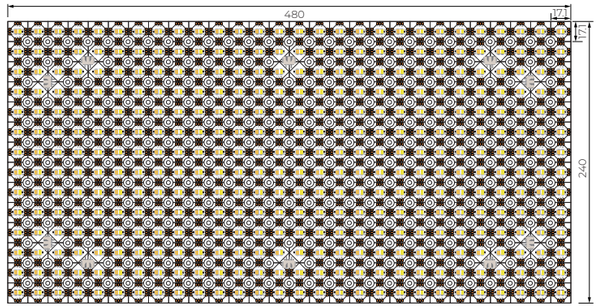
Tunable white flexible LED Sheets are fully modular and cuttable lights for backlighting applications. Suitable for large-area light source laying.

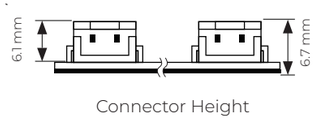
Along the cutting line, you can cut the LED sheet in three directions: horizontally, vertically, and diagonally.

Quick connector cable easily connect LED sheets.

Long-life LED > 50,000 hrs, 1 Bin, CRI>90.

Dimensions





Connector Height

Sheet & LED Height

Unit: mm
Cross section

Technical Data

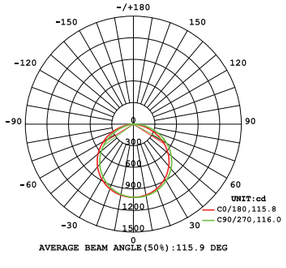
Input voltage	DC24V
CRI(Ra)	>90
Lm/w@2700K+6500K	80
Beam angle	120°
LED Chips/pcs	784LEDs
LONG-life LED	50000h
Working temperture	-25 C ~+45 C
Cuttable length(mm)	17.1x17.1 (Horizontal/Vertical) / 12.1x12.1 (Diagonal)

Voltage
24v DC

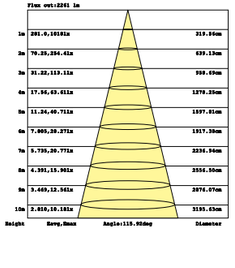
3-Step
MacAdam

Consistency
One Bin

Warranty
5 Years



Light Distribution Curve

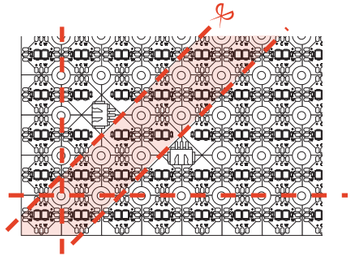


Effective Average Illuminance

CCT (K)	Power (W/PCS)	Lumen (LM/M)	Max.run Sheets (PCS)	CV/CC
2700	16	1248	6	CV
6500	16	1328	6	CV
2700+6500	32	2560	6	CV

*CV: Constant Voltage, CC: Constant Current.

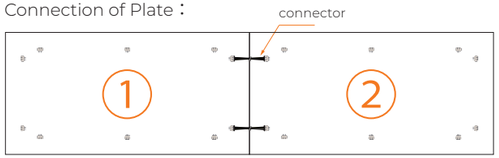
Cutting Marks



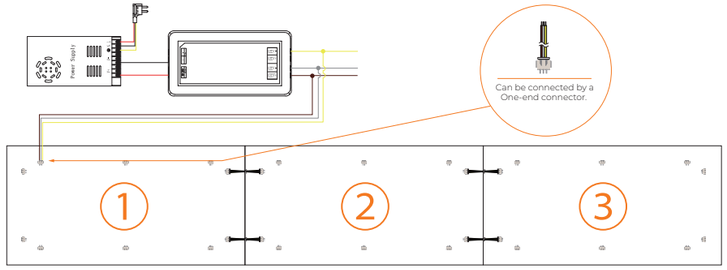
As shown in the figure, horizontal, vertical and diagonal cutting can be carried out along the lines on the panel. When cutting, take care not to cut components.

Connection Diagram

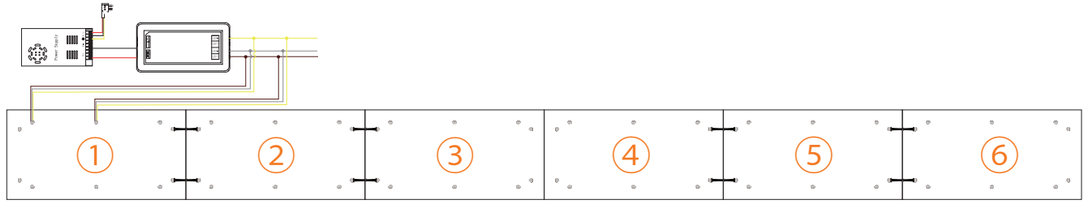
Connection of Plate：



Single Power Supply Point：



Series Connection：



⚠ The maximum overload current of the PH terminal is 5A.
A single power supply point carries a maximum of 3PCS plates, and a maximum of 6PCS plates in series.

Connecting Cable

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
Jumper Cable - 6cm	60mm	Inner core：20AWG	●●●	Brown V+、White W、Yellow WW
Jumper Cable - 30cm	300mm			
.Hardwire Power Cable - 30cm	300mm			

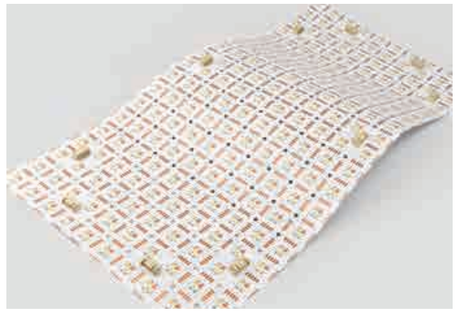
FLED SHEET RGBW 800

800-240MM

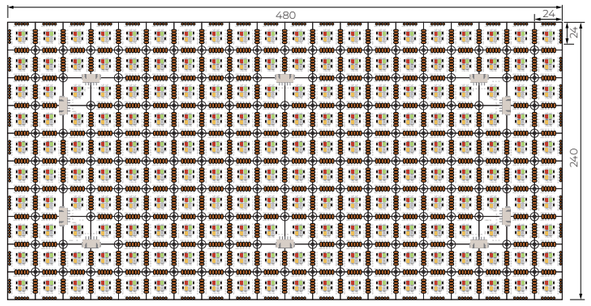
RGBW flexible LED Sheets are fully modular and cuttable lights for backlighting applications. Suitable for large-area light source laying.

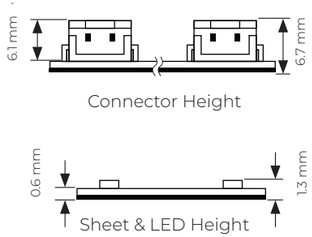
Along the cutting line, you can cut the LED sheet in two directions: horizontally and vertically.

Quick connector cable easily connect LED sheets.



Dimensions





Unit: mm
Cross section

Technical Data

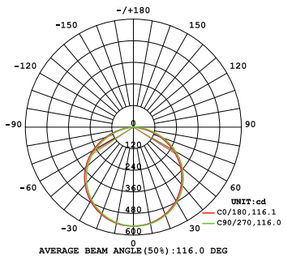
Input voltage	DC24V
CRI(Ra)	>90
Lm/w@RGBW	49
Beam angle	120°
LED Chips/pcs	800LEDs
LONG-life LED	50000h
Working temperture	-25℃~+45℃
Cuttable length(mm)	48X48

Voltage
24v DC

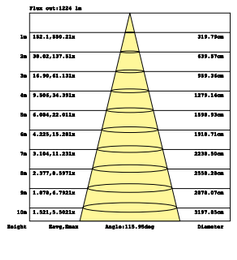
3-Step
MacAdam

Consistency
One Bin

Warranty
5 Years



Light Distribution Curve

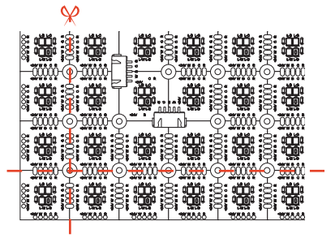


Effective Average Illuminance

CCT (K)	Power (W/PCS)	Lumen (LM/M)	Max.run Sheets (PCS)	CV/CC
R	8	136	6	CV
G	8	548	6	CV
B	8	252	6	CV
W	8	640	6	CV
RGBW	32	1568	6	CV

*CV: Constant Voltage, CC: Constant Current.

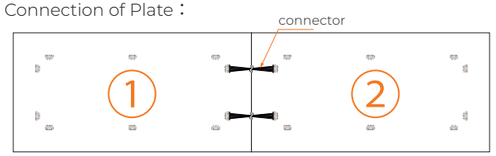
Cutting Marks



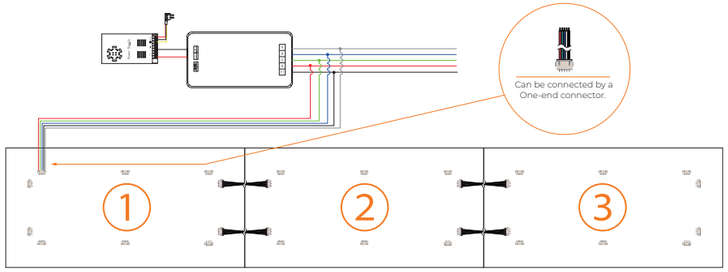
As shown in the figure, horizontal and vertical cutting can be carried out along the lines on the panel. When cutting, take care not to cut components.

Connection Diagram

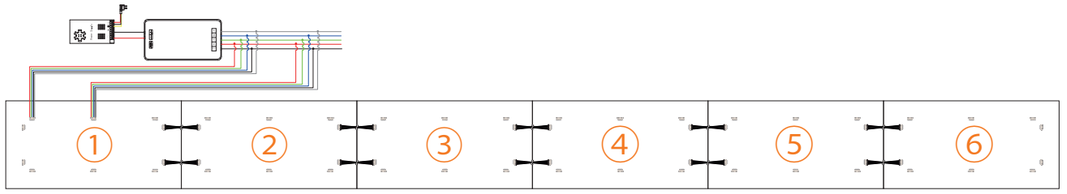
Connection of Plate：



Single Power Supply Point：



Series Connection：



⚠ The maximum overload current of the PH terminal is 5A.
A single power supply point carries a maximum of 3PCS plates, and a maximum of 6PCS plates in series.

Connecting Cable

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
Jumper Cable - 6cm	90mm	Inner core：20AWG		Red R、Green G、Blue B、White W、Black V+
Jumper Cable - 30cm	300mm			
Hardwire Power Cable - 30cm	300mm			

FLED SHEET PIXEL RGBW 800

800-240MM

Digital Flexible LED sheet in RGBW by SPI control.

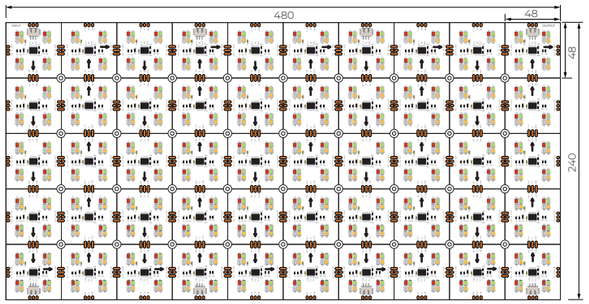
Fully modular and cuttable lights for backlighting applications.

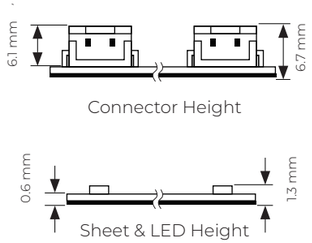
Suitable for large-area light source laying.

Along the cutting line, you can cut the LED sheet in two directions: horizontally and vertically.

Quick connector cable easily connects LED sheets.

Dimensions





Unit: mm
Cross section

Technical Data

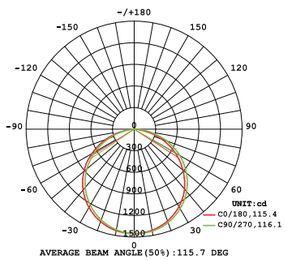
Input voltage	DC24V
CRI(Ra)	>90
Pixels/pcs	50
IC Model	UCS2904B
LED chips/pcs	800LEDs
LONG-life LED	50000h
Working temperture	-25℃~+45℃
Cuttable length(mm)	48X48

Voltage
24v DC

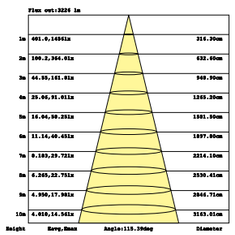
Digital
SPI

Consistency
One Bin

Warranty
3 Years



Light Distribution Curve



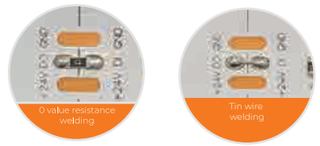
Effective Average Illuminance

CCT (K)	Power (W/PCS)	Lumen (LM/M)	Max.run Sheets (PCS)	CV/CC
R	28.5	285	4	CV
G	28.5	997	4	CV
B	28.5	540	4	CV
W	28.5	1535	4	CV
RGBW	92	3220	4	CV

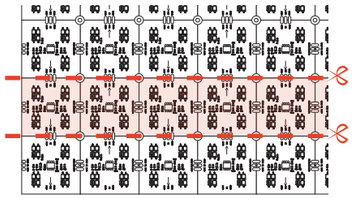
*CV: Constant Voltage, CC: Constant Current.

Cutting Marks

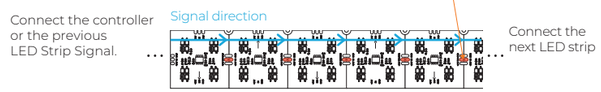
Welding method:



Horizontal single row

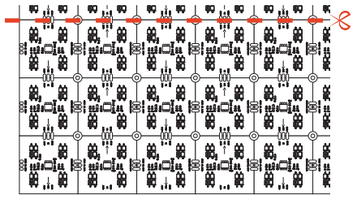


1. As shown in the figure, a single row is needed which can be cut horizontally along the board line, take care not to cut components.

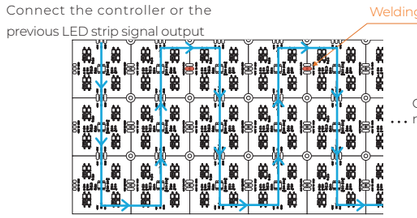


2. As shown in the figure, use 0 value resistance welding or tin wire welding.

Horizontal multiple rows

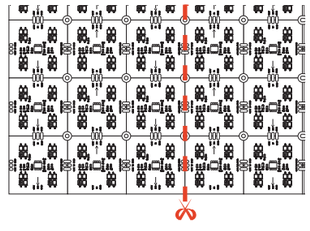


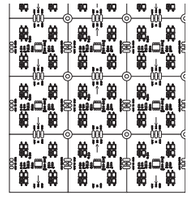
1. As shown in the figure, multiple rows are required, can be cut horizontally along the line, take care not to cut components.



2. As shown in the figure, according to the signal direction, weld the welding points at the cutting edge at intervals, use 0-value resistance welding, or solder with tin wire (to ensure the continuity of signal transmission)

Vertical

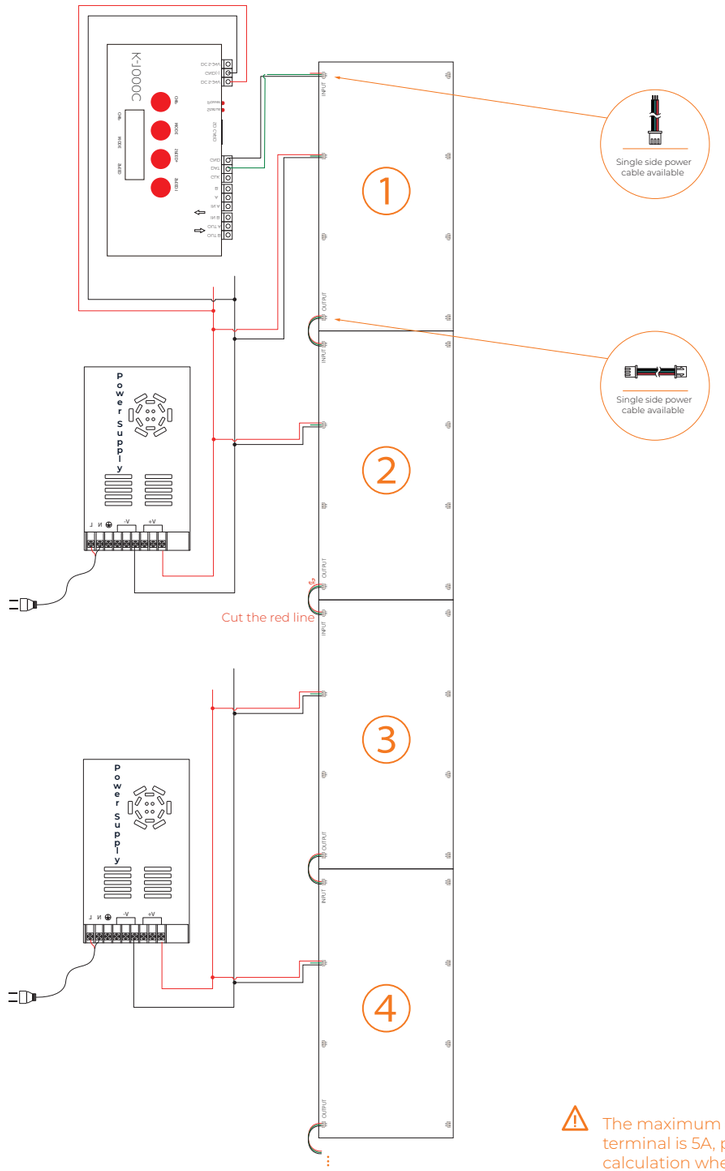




No soldering required

⚠ After cutting all the light panels, pay attention to the transmission of the signal direction

Connection diagram



Single side power cable available

Single side power cable available

Up to 20 boards can be connected, with up to 1024

⚠ The maximum overload current of the PH terminal is 5A, pay attention to the power calculation when supplying power to the light board.

Connecting Cable

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
Jumper Cable - 6cm	600mm	Inner core：20AWG	●●●	Digital: BlcakV+、Green G、Red R
Hardwire Power Cable - 30cm	300mm