

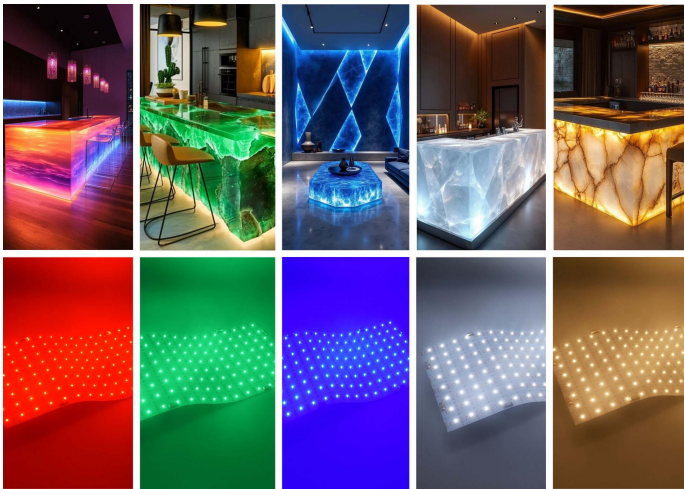
IP20		IP54	
CRI 80	CRI 90	CRI 95	CRI 97
CE	RoHS	RoHS	RoHS

NEX GEN LED LIGHTS AND SIGN
+1 817-800-2132
12450 East Fwy Suite 100, Houston,
TX 77015, United States

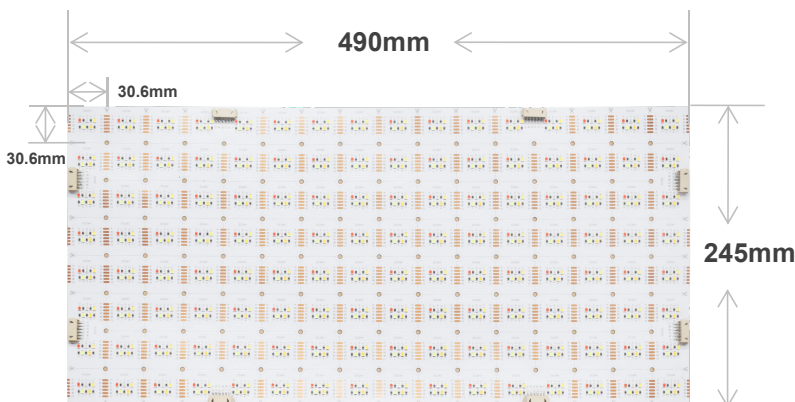


Note:

LK= Company name;
0318 = Product series, Flex LED Sheet;
2835 = LED diodes type;
0640 = LED diodes number;
“5C” represent LED colors, RGBCCT;
“20” represent IP grade, IP20 non waterproof.



DIMENSIONS



ADVANTAGE

- UL CE RoHS certificate.
- Voltage DC24V;
- IP20 & IP54 optional;
- Free cutting and splicing;
- Easy to install and operate;
- Energy saving, long lifespan;
- Light is soft and uniform, safe to eyes;
- Green and eco-friendly without mercury;
- Ultra wide 245mm PCB, without voltage drop;

APPLICATION

- Translucent stone backlight;
- Widely used for marble, agate, countertop;
- Lightingboxes, Bars, hotel, building;
- Large area lighting area and so on.

OPTICAL	Lumen	1800LM
	Lumen Efficacy	90 LM/W
	Color Temperature	RGB CCT(CCT=2700K+6500K)
	CRI	>90
	Viewing Angle	120 Degree
ELECTRICAL	Voltage	24VDC
	Current	≥2.08A
	Power	50W
MATERIALS	LED Type	SMD2835
	LED QTY	640 PCS (128 PCS each color)
	PCB Board Color	White
	PCB material	Double layer FPC
	PCB dimension	490mm*245mm
	Cut length	30.6mm*30.6mm
	Life time	36000 hours
	Waterproof Rating	IP20 and IP54 optional
OTHERS	Operating Temperature	-20°C to 60°C
	Storage Temperature	-20°C to 60°C
	Warranty Time	3 Years

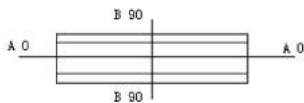
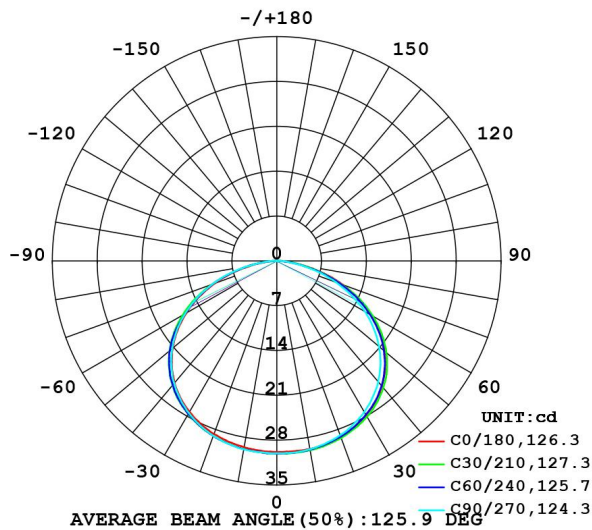
	Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box	540*300*420 MM	60 PC	10.25 KG	10.85KG



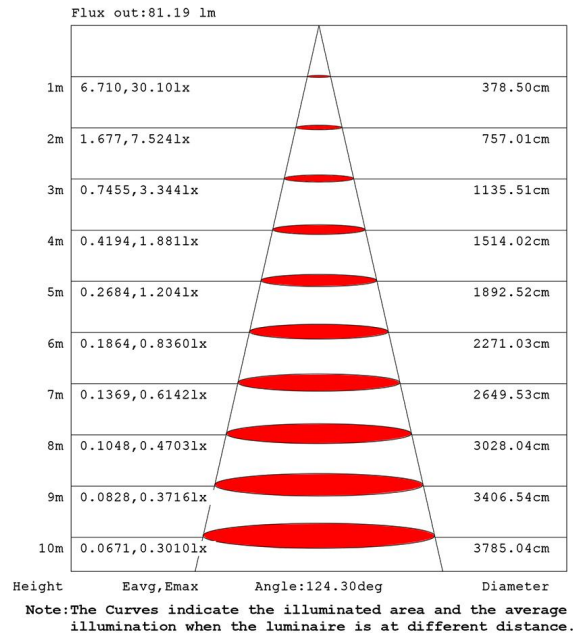
LIGHT DISTRIBUTION TESTING PARAMETERS

DATA OF LAMP		PHOTOMETRIC DATA			
		Eff: 11.11 lm/W			
		I _{max} (cd)	30.11	S/MH (C0/180)	1.36
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.36
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	99.701	η UP, DN (C0-180)	0.0, 49.7
NOMINAL FLUX (lm)	99.7012	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 50.2
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	24	η down (%)	100.0	CIBSE SHR MAX	1.55

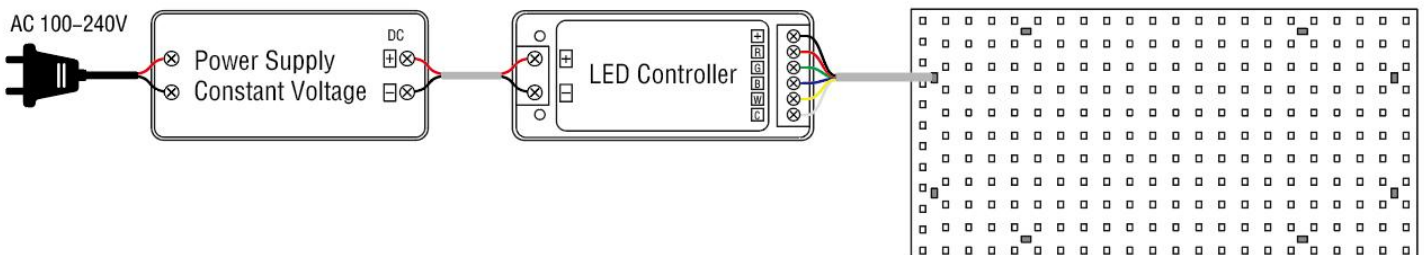
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



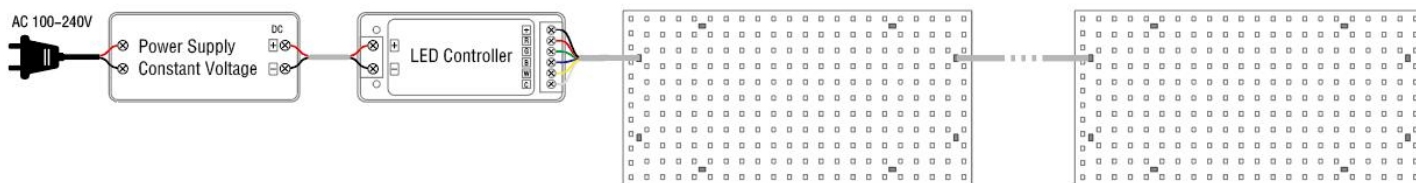
The Average Illuminance Effective Figure



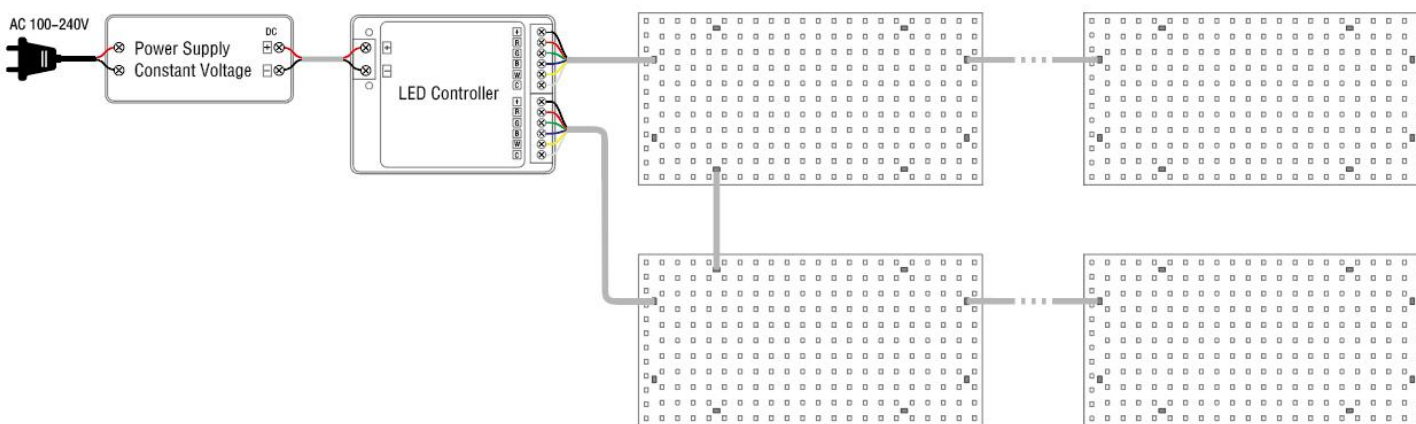
CONNECTION DIAGRAM



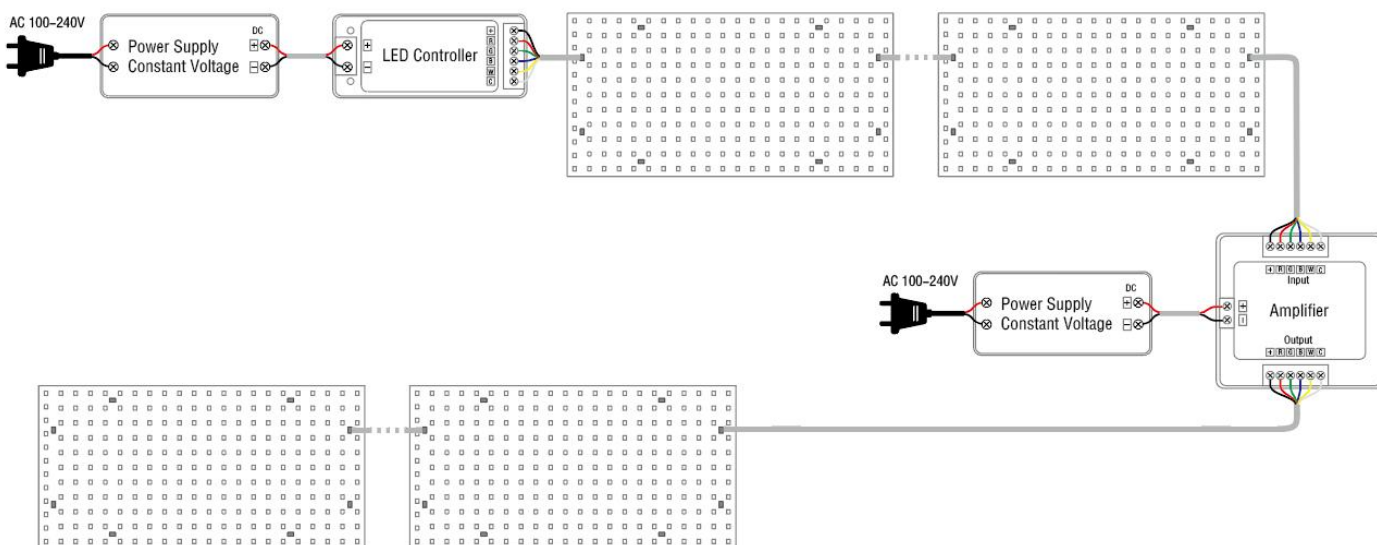
1. SINGLE WIRE CONNECTION



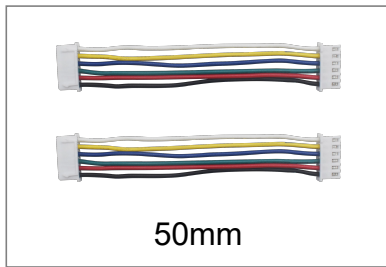
2. DOUBLE WIRE CONNECTION



3. AMPLIFIER CONNECTION

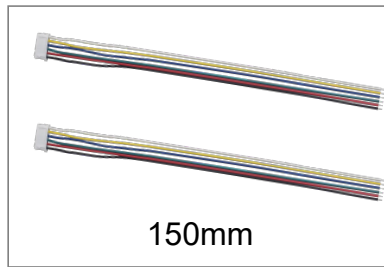


- When a controller is needed to control more LED sheet, amplifiers can be used, The maximum quantity for each unit is based on reference methods 1 and 2.

ACCESSORIES

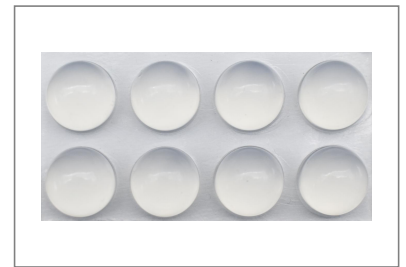
50mm

Sheet-to-Sheet Jumper*2



150mm

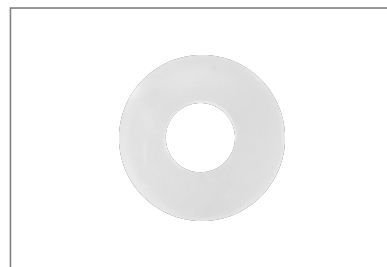
Power Connector*2



Bumpers/Spacers*8



Screw*8



Screw pad*8

Notes

- ▶ Net weight 10.25kg, 60 pcs/carton, Box size: 540x300x420mm
- ▶ Do not place heavy products on the top of the cartons, do not step on it.
- ▶ After receiving the package, if the outer box was damaged, please check the goods before signing for receipt.