

# FLEX PANEL LED

LFX-W-12.00-2835-Z3-128-24V-CV-240-H-8-OC-RMTLW0D4



YYZ LFX Flex panel are specifically engineered to be a dimmable, field customizable solution for backlighting translucent materials and provides extremely uniform illumination. The flexible panel can be folded and shaped to suit project needs. Its unique power distribution grid allows group or single LEDs to be cut from the flexible sheet while maintaining a resilient circuit to all remaining LEDs. Its versatile design help us to use in both indoor and outdoor environments.



## FEATURES

LIGHT SOURCE	SMD Led
INPUT VOLTAGE	24V
POWER	12W/Sheet
NUMBER OF LEDS	128 Per Sheet
SIZE OF SHEET	480x240mm
SPACING FOR LEDS	30mm
LED WIRE SIZE	20 AWG
LEAD CONNECTOR WIRE	1 Meter lead wire included per sheet-1Nos
JUMPER CONNECTOR WIRE	95 mm jumper cable included per sheet-2Nos
CONNECTOR	2-pin connection blocks per sheet located for easy connection between sheets-12Nos
MOUNTING	3 M Tape
OPERATING TEMP	-20°C ~ 60°C
IP RATING	Indoor & wet rated
WEIGHT PER SHEET	139gm/Sheet
PCB TYPE	Flexible PCB
LUMEN	90lm/W for 3000K, 100lm/W for 4000K
MCADAM OF LED	3 Step
LIFE SPAN	50000 Hrs rated life

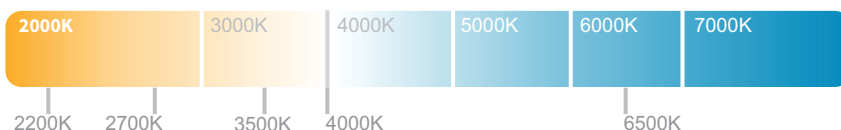
- 128LEDs / Sheet**  
LED Quantity
- 24V DC**  
Working Voltage
- 12W / Sheet**  
Rated power
- 3M Tape on the back**  
Mounting

## ELECTRICAL DATA

POWER CONSUMPTION	12W Per sheet
SUPPLY VOLTAGE	24 Vdc
COLORS	2200K, 2700K, 3000K, 3500K, 4000K, 5000K, 6000K
CRI	90+
WIRING	Upto 8 sheets can be powered with one lead input Interconnection jumper cable for sheet to sheet connection included

## COLOR TEMPERATURE DATA

White	Lumens/sheet
2200K (CT 22)	975
2700K (CT 27)	1028
3000K (CT 30)	1083
3500K (CT 35)	1140
4000K (CT 40)	1200
5000K (CT 50)	1260
6000K (CT 60)	1325



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## ORDERING LOGIC

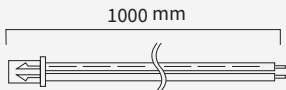
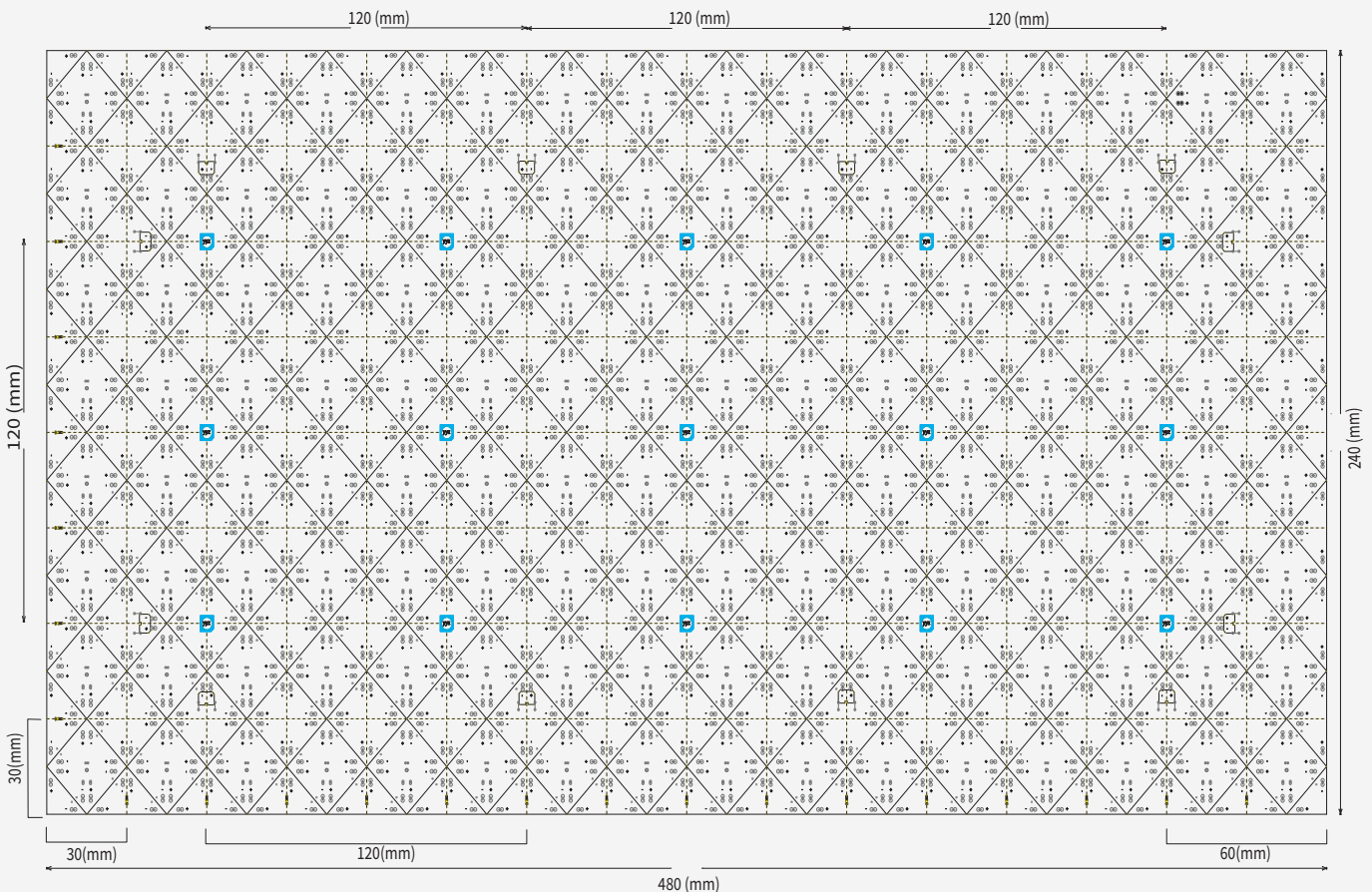
PRODUCT SERIES	TYPE	POWER	COLOR TEMPERATURE	LED TYPE	BIN	NO. OF LED	VOLTAGE	CIRCUIT	PCB	CRI	NO OF LED ROWS	CONNECTION
LFX	W - Wet Rated (IP54) I - Indoor(IP20)	12.00 - 12W/Sheet	(CT22) 2200K (CT27) 2700K (CT30) 3000K (CT35) 3500K (CT40) 4000K (CT50) 5000K (CT60) 6000K	2835	Z3	128 - 128 LEDs/Sheet	24-24V	CV-Constant voltage	240 - 240mm	H - HIGH (90)	8	IC - Input Connector

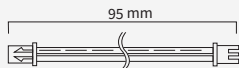
MODEL	COLOR CONTROL	LIGHT EMITTING DIRECTION	LED POWER	PCB COLOR	LENGTH PER SHEET
R - Regular	M - Mono	T - Top	L - Low	W - White	OD4 - 480mm

Sample: LFX - W - 12.00 - CTXX - 2835 - Z3 - 128 - 24 - CV - 240 - H - 8 - OC - RMTLW0D4

## DIMENSIONS



lead cable - 1000mm



jumper cable 95mm