

Parameters with 8mm / 6mm FPC

Features

- ※ Maximum angle of bending $\leq 90^\circ$
- ※ SMD LEDs: Super bright SMD2835 LED
- ※ LED Qty: 60LEDs/m
- ※ PCB Dimension: 5000*8.0*0.25mm and 5000*6.0*0.25 for option
- ※ Voltage: DC12V, DC24V is available
- ※ Max. Power Consumption: 12W/m(6mm PCB) and 12W/m(8mm PCB)
- ※ Waterproof Grade: IP20
- ※ Warm white, Natural white, Pure white also available
- ※ Lifetime: 50000h



Application

- ※ Decorative lighting for festivals, events, shows, exhibitions
- ※ Architectural lighting for canopy, corridor, window, archway,
- ※ Backlight or edge light for signage
- ※ Path or contour marking
- ※ Channel letter lighting

6mm PCB width LED strip light parameters

Model No.	LED Type	LED Qty /meter (pcs)	Input voltage (V)	Power / meter (W)	Color	Lumens of each LED@60mA (lm)	Lumens of each meter strip (lm)	Length / cuttable Unit (nm/K)	Lifetime (hour)
MGS-F2835S-H60A	2835 SMD	60	12V _{DC} 24V _{DC}	12	Warm White	20~22	920~970	2800-3200K	50,000
					Natural White		935~985	4000-4500K	50,000
					Pure White		950~1000	6000-6500K	50,000

8mm PCB width LED strip light parameters

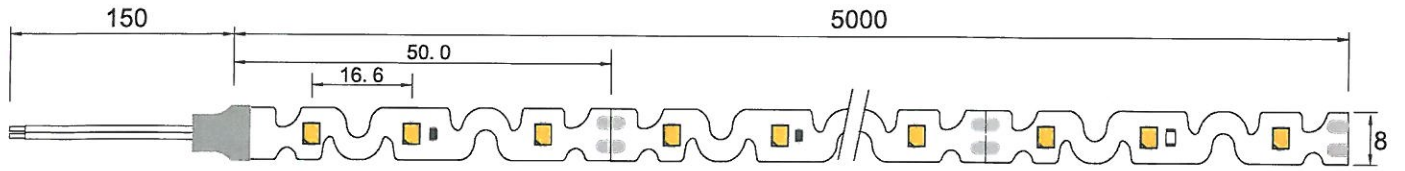
Model No.	LED Type	LED Qty /meter (pcs)	Input voltage (V)	Power / meter (W)	Color	Lumens of each LED@60mA (lm)	Lumens of each meter strip (lm)	Length / cuttable Unit (nm/K)	Lifetime (hour)
MGS-F2835S-H60B	2835 SMD	60	12V _{DC} 24V _{DC}	12	Warm White	20~25	920~970	2800-3200K	50,000
					Natural White		935~985	4000-4500K	50,000
					Pure White		950~1000	6000-6500K	50,000

Different FPC Parameters

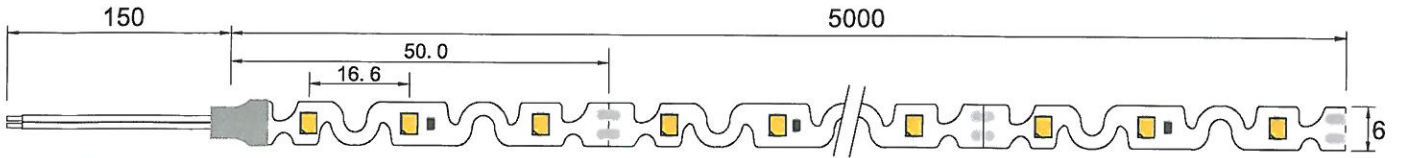
Model No.	Waterproof materials	Transmittance	CRI	Beam angle	Size LxWxH	IP Rating	Working Temperature
MGS-F2835S-H60B	Non-waterproof	100%	Ra>80	120°	5000.0x8.0x2.1mm	IP20	-20° ~40° C
MGS-F2835S-H60A	Non-waterproof	100%	Ra>80	120°	5000.0x6.0x2.1mm	IP20	-20° ~40° C

* Represent different waterproof grade coding: A=IP20

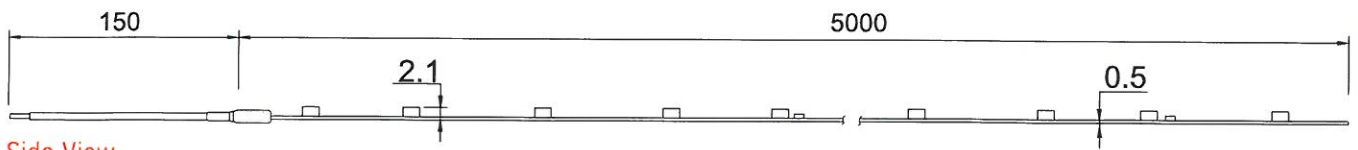
Dimensions (Unit: mm)



Front View — 8mm



Front View — 6mm

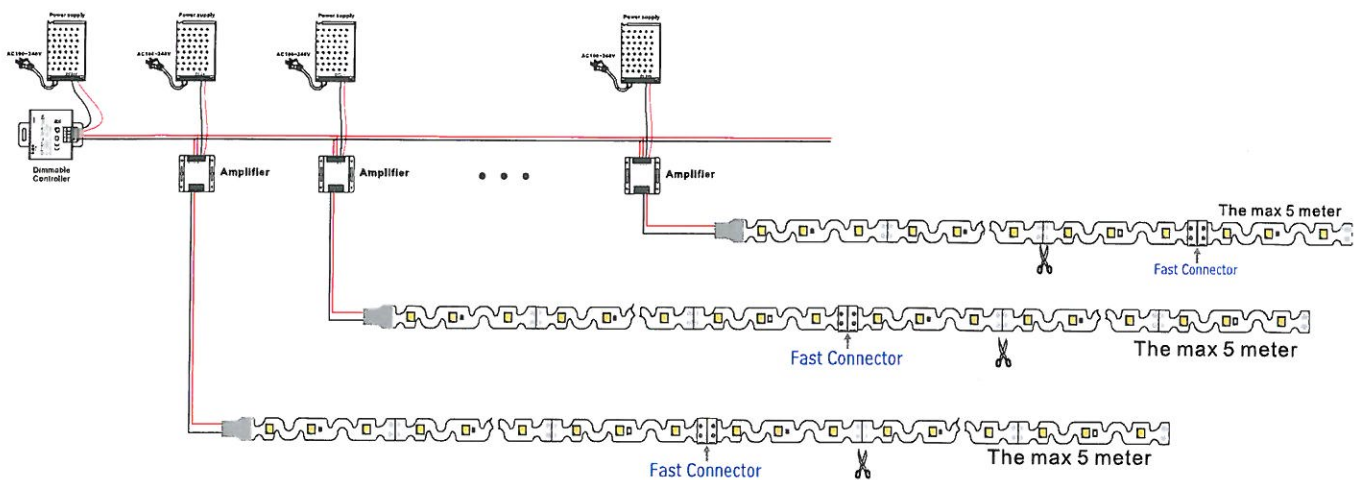


Side View

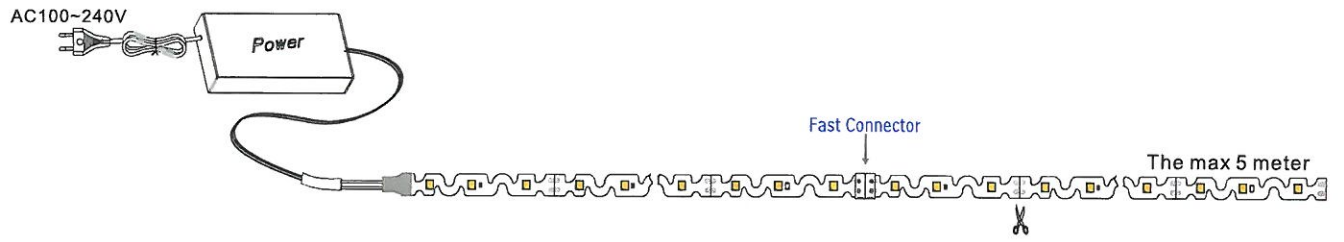
Connect Drawing for dimmable



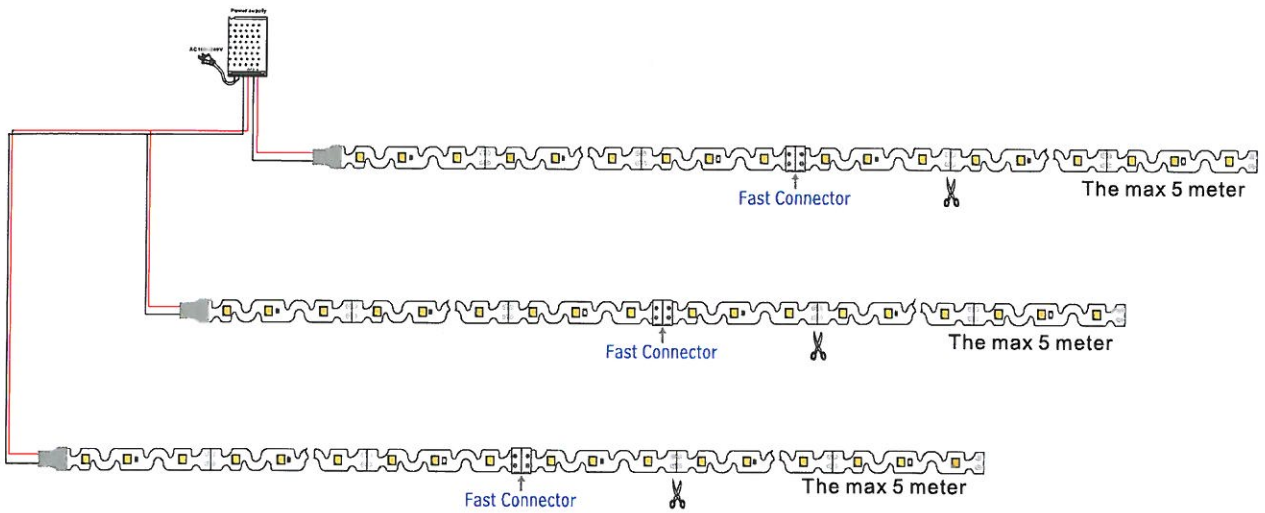
Connect Drawing for Dimmable + Amplifier



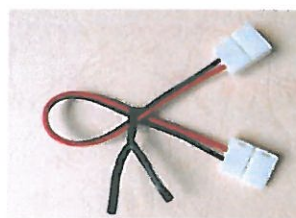
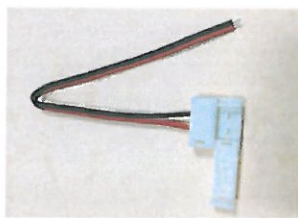
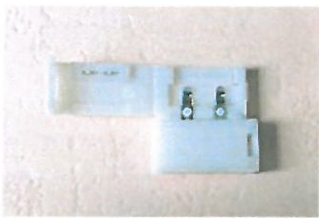
Connect Drawing for Non-dimmable



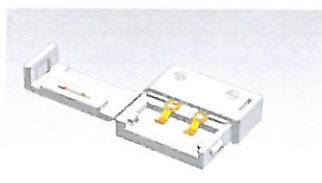
Connect Drawing for Non-dimmable



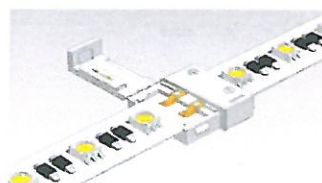
Accessories



S1



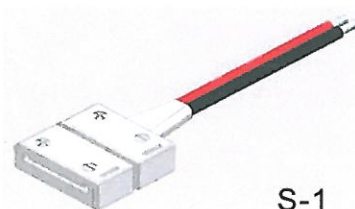
S2



S3



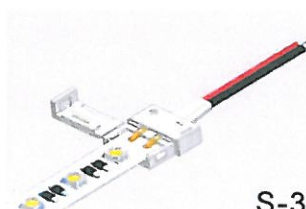
S4



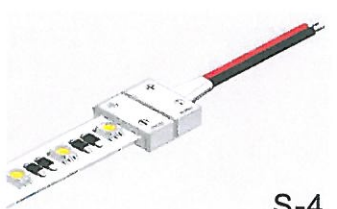
S-1



S-2



S-3



S-4