



- High-efficient Flexible LED Strip
- 8LEDs/section high efficiency, up to 165lm/W
- High color consistency, SDCM<5, optional for SDCM<3
- High CRI >90, SMD 2835 LED
- Beam Angle 120°
- Durable 3oz Rolled Copper FPC
- 6 LEDs/section, 62.5mm (2.46") cuttable unit
- 5-meter roll electrostatic bag package
- IP20, IP65 and IP67 version available
- 50,000H @L70 long lifetime



ORDERING GUIDE

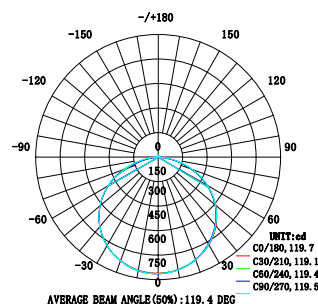
PART #	INPUT (Vdc)	POWER/ M (W)	POWER/ FT (W)	# OF LEDs/M	EFFICACY lm/W	CRI	Voltage Range	Reverse Voltage	PCB Width	FINISH
SH2835-12824-1410	24V	9.6	14.4	120	165	90	23~25Vdc	25Vdc	10mm	White FPC Board

LUMENS PER METER

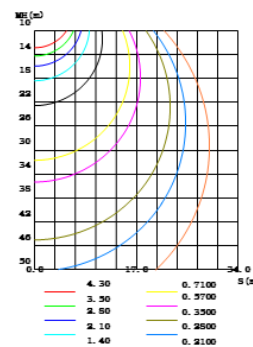
LUMINAIRE PHOTOMETRIC

Color Temperature	Lumen per meter
2700K	2085lm
3000K	2160lm
4000K	2430lm
5000K	2245lm
6000K	2260lm

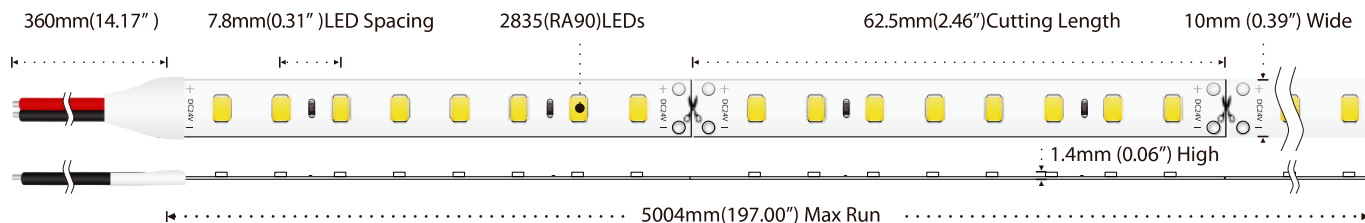
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx)



DIMENSION



ACCESSORIES



1 Part#: S10-SS2A 10mm Strip-to-Strip



2 Part#: S10-SW2 10mm Strip-to-Wire



3 Part#: S10-SW2C 10mm Strip-to-Wire



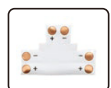
4 Part#: 2WWI 2 wire-to-wire fast connector



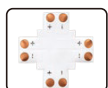
5 Part#: 2WWT 2 wire-to-wire T fast connector



6 Part#: F10L 10mm FPC L-connector



7 Part#: F10T 10mm FPC T-Connector



8 Part#: F10T 10mm FPC X-Connector

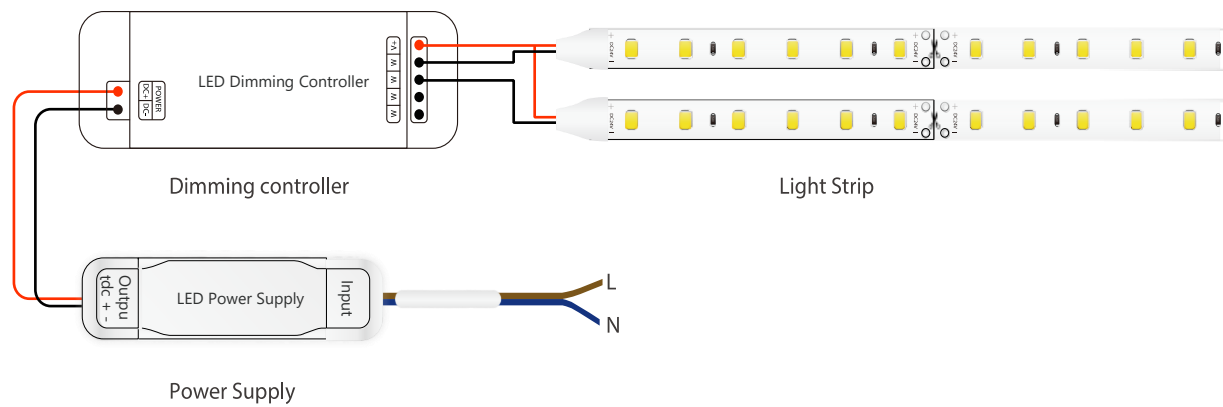


9 Part#: S10FD 10mm Dome Strip Fixing Holder



10 Part#: S10FF 10mm Flat Strip Fixing Holder

POWER CONNECTION DIAGRAM



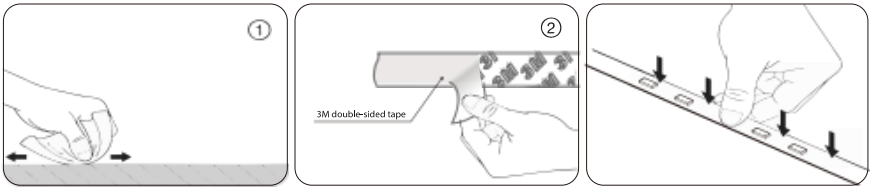
RECOMMENDED POWER SUPPLIES

Item Number	Description	Input Voltage	Output Voltage	Dimmable	Dimensions
DVH60-24-P0-G1 CP	Non-waterproof driver 60W	120~277Vac	DC24V 2.5A	NO	187×45×30.5
DVH75-24-P0-G1 CP	Non-waterproof driver 75W	120~277Vac	DC24V 3.125A	NO	187×45×30.5
DVH120-24-P0-G1 CP	Non-waterproof driver 120W	120~277Vac	DC24V 5.0A	NO	268×45×30.5
DVH150-24-P0-G1 CP	Non-waterproof driver 150W	120~277Vac	DC24V 6.25A	NO	268×45×30.5

RECOMMENDED ALUMINUM PROFILES

Image	Section Diagram	Install	Dimension	Slot Size	Cover	PCB Width	Power
			15mm×7mm	-	Transarent/Milk	≤ 10mm	≤ 10W/M
			24mm×15mm	21mm×16mm	Transarent/Milk	≤ 12mm	≤ 18W/M
			17mm×15mm	-	Transarent/Milk	≤ 12mm	≤ 16W/M
			20mm×20mm	-	Transarent/Milk	≤ 15mm	≤ 15W/M
			16mm×16mm	-	Transarent/Milk	≤ 10mm	≤ 15W/M
			21mm×26mm	24mm×28mm	Transarent/Milk	≤ 8mm	≤ 20W/M

INSTALLATION



*Please refer to the installation manual for details

Clean the environment part to be attached with a cloth, as shown in Figure 1, and then tear off the 3M tape on the back of the light belt, and finally stick the light belt on the clean place.

PACKAGING

Strip Length	Net Weight	Reel Size	Electrostatic Bag Size	# of Bags / Inner Box	Inner Box Dimension	Inner Box Gross Weight
5 meters/reel	0.16 kg	7 x 12 mm	240 x 220 mm	25	360x240x240 mm	4 kg

# of Inner Box / Carton Box	# of Reels / Carton Box	Carton Box Dimension	Gross Weight	# Boxes / 20' FCL	Volume	Weight
2	50	500x260x380 mm	9.3 kg	500	25 CBM	4,650kg

