DIMON
TECHNOLOGY

SOKKIA

4W-14W

CE IP67 IP68 LM80 0-10V DALI 2 DMX RDM
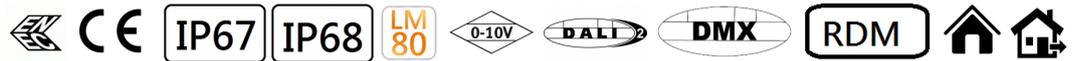

LED Flexible Strip Light with durable and anti-UV Silicone Case material housing protection presents good translucent, achieves seamless and uniformity. LED sources work with high color rendering index for light color consistency.

SOKKIA
4W-14W

Technical Data

Installation Method / 安裝方式 / Método de instalación	3M Adhesive Tape / 3M膠帶 / Cinta adhesiva 3M Aluminum Profile Mounted / 鋁型材安裝 / Perfil de aluminio montado Clip Mounted 夾裝式 Montado en clip
Dimension / 尺寸 / Dimensión	W: 12 x H: 5 mm
Qty of LEDs / LED數量 / Cantidad de LEDs Cutting Length / 切割長度 / Y longitud de corte	60 LEDs / Meter Cutting Length: 100mm (6 LEDs) 120 LEDs / Meter Cutting Length: 50mm (6 LEDs)
Power Consumption / 燈具功率 Consumo de energía	4W 5W 6W 7W @ 60 LEDs / Meter 8W 10W 12W 14W @ 120 LEDs / Meter
Input Voltage / 輸入電壓 / Voltaje de entrada	DC 24V
LED Driver Type / LED驅動款式 Tipo de controlador LED	Remote-type LED Driver - Refer to LED driver specification 請參閱LED驅動器規格 Consulte la especificación de controlador de LED 1. On/Off Switch AC220-240V 50/60HZ 2. 0/1 -10V Dimming Driver AC220-240V 50/60HZ 3. DALI Dimming Driver AC220-240V 50/60HZ 4. DMX Driver AC 220-240V 50/60HZ (Dimming Range 0.1-100%)
Control Protocol / 控制協議 / Protocolo de Control	0/1-10V / DALI / DMX 512 / RDM
Beam Angle / 光束角 / ángulo de haz	120°
LED Brand / 光源品牌 / Marca LED	Osram / Lumileds
Lumen Maintenance LM-80 Reported by TM-21	L70 > 54,000 Hours
LED Life / LED壽命 / La vida del LED	100,000 Hours
Color Temperature / 色溫 / Temperatura del color	2700K / 3000K / 4000K / 5000K / 6500K
Color Rendering Index / 顯色指數 Índice de reproducción cromática	> 80 > 90
MacAdam Ellipses Binning / 麥克亞當橢圓分級 Mac Adam binning elipse	Standard Deviation Colour Matching < 5 SDCM 標準偏差配色< 5 SDCM Coincidencia de color estándar Desviación < 5 SDCM
Luminaire Efficacy / 燈具效率 La eficacia de la luminaria	90 Lm/w (2700K) 95 Lm/w (3000K) 100 Lm/w (4000K) 105 Lm/w (5000K) 110 Lm/w (6500K)
LED Source Luminous Efficacy / LED光源光效 Fuente luminosa LED Eficacia	140 Lm/w (2700K) 145Lm/w (3000K) 150 Lm/w (4000K) 155 Lm/w (5000K) 155 Lm/w (6500K)
Housing materials / 外殼材料 Materiales de la carcasa	Silicone Tube & Silicone Glue / 矽膠管&實心矽膠 Tubo de silicona y pegamento de silicona
Housing Color / 外殼顏色 color de la carcasa	Transparent color / 透明色 / Color transparente
Maximum Length Feed 最大連接長度 Longitud máxima del feed	7M-12M @ Single Feed 單端供電 7M (14W/M) & 12M (4W/W)
Operating Temperature Range / 工作溫度範圍 Rango de temperatura de funcion amiento	-20 ℃ / +45 ℃
Operating Humidity / 工作濕度 Humedad de funcionamiento	0~100%, non-condensing / 不結霜 sin condensación
Ingress Protection / 防護等級 Protección de ingreso	IP67 (Silicone Tube) IP68 (Silicone Glue)
Comply Testing Standard 符合測試標準 Cumplir el estándar de prueba	LED Luminaries: LVD: IEC/EN 60598-1;EN / IEC/EN 60598-2-1;IEC62471;IEC/EN 62031; IEC/EN 62493 ; IEC/EN 62471 (Risk Group 1) LED Driver: IEC/EN 61347-1; IEC/EN 61347-2-13; IEC/EN 62384; IEC/EN 61000-3-2; IEC/EN 61000-3-3;IEC/EN61574;EN 55015 ; IEC /EN 62384
Certification / 認證 / Certificación	

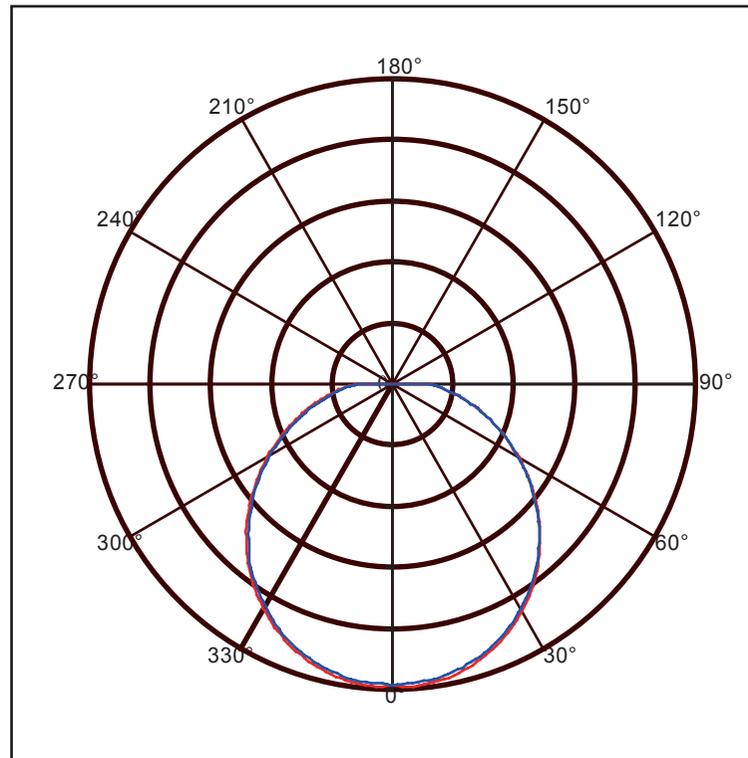| Project	Fixture#	Date
		Firm

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T E C H N O L O G Y

Ordering Information

Choose the option that suits your need and write its corresponding code on the appropriate line to form the product code.

Example product code: SOKKIA-8W

SOKKIA -   -

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Power Consumption

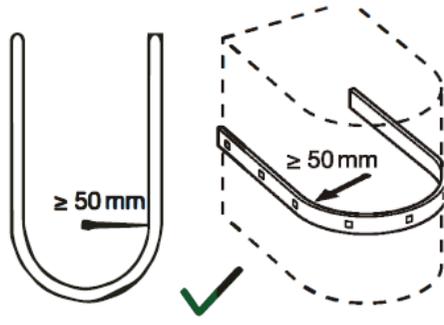| Power Consumption	
Code	Description
4W	4W @ 60PCS LEDs / Meter
5W	5W @ 60PCS LEDs / Meter
6W	6W @ 60PCS LEDs / Meter
7W	7W @ 60PCS LEDs / Meter
8W	8W @ 120PCS LEDs / Meter
10W	10W @ 120PCS LEDs / Meter
12W	12W @ 120PCS LEDs / Meter
14W	14W @ 120PCS LEDs / Meter

BEAM ANGLE

Wireing Drawing

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Wiring diagram application :

◆ Single end power input for 5 meters

AC 220V

24V Constant
Voltage Driver

DC 24V Input

24V Constant
Voltage Driver

AC 220V

5m/Reel   5m/Reel   5m/Reel   5m/Reel

24V DC Constant
Voltage Driver

AC 220V

24V DC Constant
Voltage Driver

220 B

24V DC Constant
Voltage Driver

24V DC Constant
Voltage Driver

24V DC Constant
Voltage Driver

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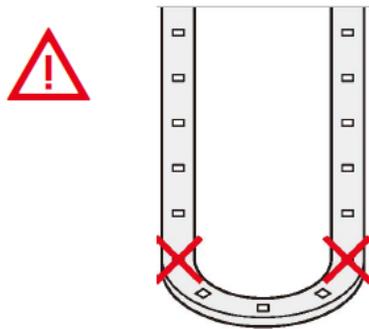T E C H N O L O G Y
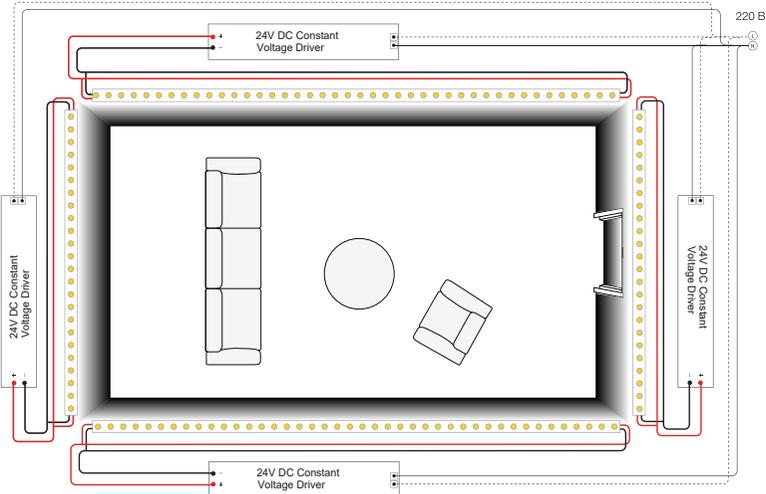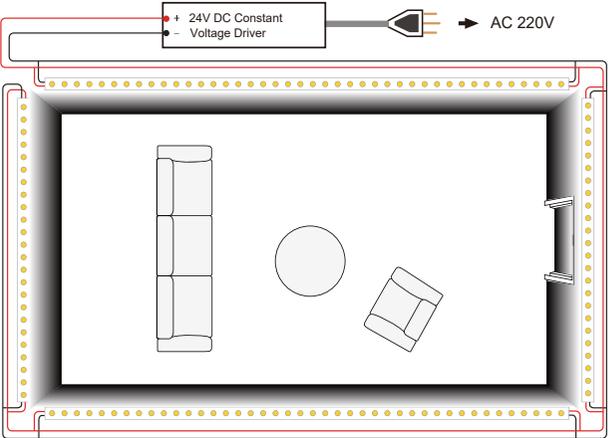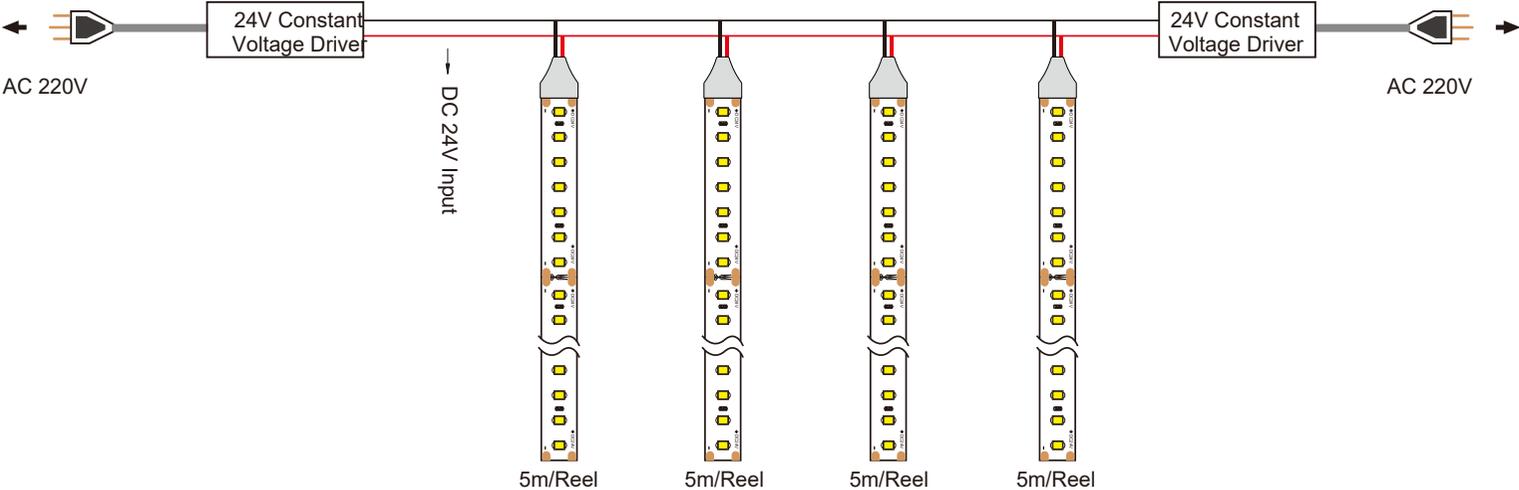
⚠ Operation Attentions.

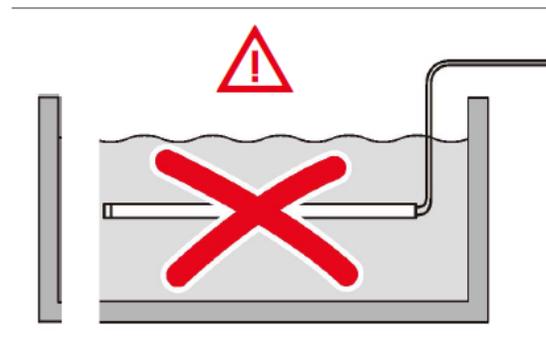Do not bend LED Strip light to a radius less than 50mm(1.97 inches)
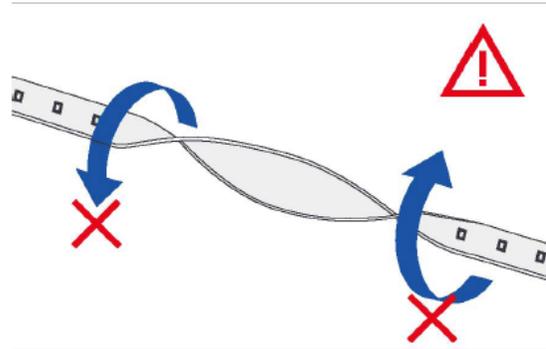
Do not bend LED Strip light like this, and this way will break the LED and bonding pad
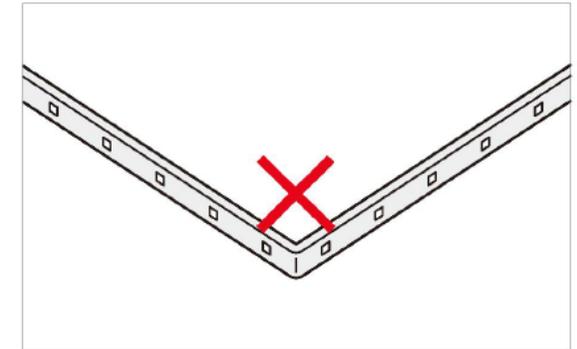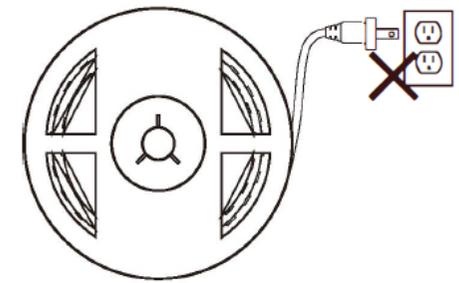
Do not fold or crease LED Strip light, and this way will break the LED and bonding pad

Do not twist LED Strip light like this, and this way will break the LED and bonding pad

Do not use the IP65 Silicon Sleeve LED Strip Under water, and too dangerous

Do not connect directly LED Strip light to AC /DC high voltage power!