

LS300S

IP54 COB Strip

LS300S COB LED strip features dot-free lighting, longer lifespan, high efficacy and high CRI. It is designed to provide consistent flexible linear lighting for residential or commercial applications. With an IP54 silicone spray protection it is ideal for areas with moderate moisture exposure, including kitchens, bathrooms, patios, and covered outdoor spaces.

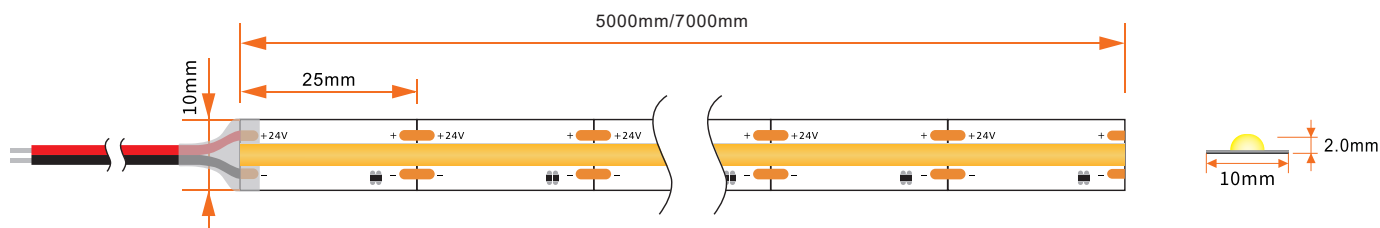


Features

- Chip on board lighting source
- 560 LEDs/m
- Slim dot-free lighting
- 24V Constant Voltage
- Available in 6W/m or 12W/m
- Dimmable by PWM (Pulse width modulation)



Dimensions



Mechanical Technical Data

Dimension	10x2mm	Bending direction	Top bending / Vertical
IP rating	IP54	PCB	10mm x 2oz (1/1oz)
Beam angle	140°	Material of coating	Silicone Spray
Bend radius	R>30mm	Installation.	3M adhesive tape
Dimming function	PWM	Connection	0.5MM2

Light Technical Data

Voltage	24VDC	
Power/m	6 W/m	12 W/m
MAXRUN	7 metres	5 metres
Chip type	Flip-Chip	
Chip brand	San'an	
Chip QTY	560 LEDs/m	
Cut points	25 mm	
Binning tolerance	SDCM<4	
Operating temp. (Tc)	-25 ~ 70°C	
Storage temp. (Ts)	-30 ~ 80°C	
Ambient temp. (Ta)	-25 ~ 45°C	
Lumen Maintenance	L70B10 @ 50,000hrs	
Warranty	5 years	

Lumen Values

Static white Model #		CCT	Power	
			6 W/m	12 W/m
Ra 90+				
LS300S-24V-6W-27K	LS300S-24V-12W-27K	2700K	552 Lm/m	1068 Lm/m
LS300S-24V-6W-3K	LS300S-24V-12W-3K	3000K	552 Lm/m	1068 Lm/m
LS300S-24V-6W-4K	LS300S-24V-12W-4K	4000K	582 Lm/m	1128 Lm/m

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