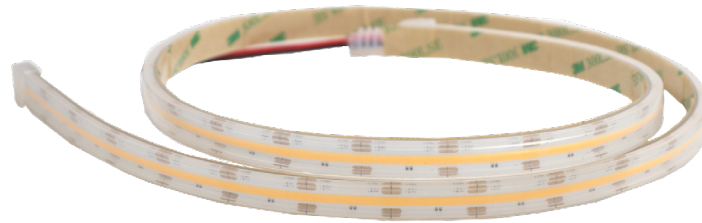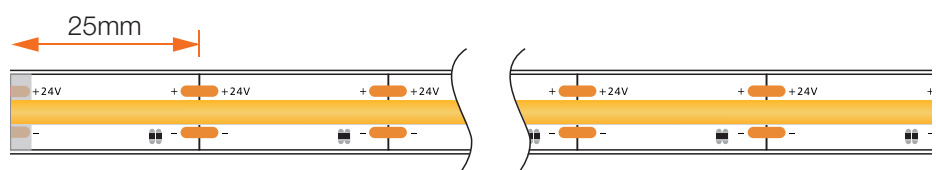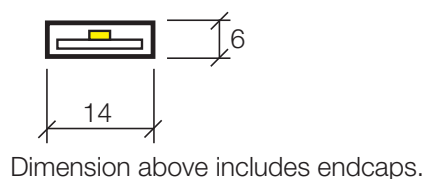# COB LED STRIP LIGHT
560 LEDs/m

The COB LED neon strip features dot-free lighting, longer lifespan, High efficacy and high CRI. It is designed to provide consistent flexible linear lighting for the art and creative industries as cove lighting and indirect lighting in hotels, restaurants, shops, offices and homes.

Features

- Chip on board lighting source
- 560 LEDs/m
- Slim dot-free lighting
- 24VDC, 14mm width
- Available in 6W/m or 12W/m
- IP65 weatherproof
- Dimmable by PWM (Pulse width modulation)

Dimensions

6

14

Dimension above includes endcaps.

25mm

+24V + +24V   + +24V   + +24V   + +24V   +

Mechanical Technical Data

Dimension	14x6mm	Bending direction	Top bending / Vertical
IP rating	IP65	PCB	12mm x 2oz (1/1oz)
Beam angle	140°	Voltage	24VDC
Bend radius	R>30mm	Installation.	3M adhesive tape
Dimming function	PWM	Connection	0.5MM2

Light Technical Data

Voltage	24 Vdc	
Power/m	6 W/m	12 W/m
MAXRUN	7 meters	5 meters
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 ~ 70ºC	
Storage temp. (Ts)	-30 ~ 80ºC	
Ambient temp. (Ta)	-25 ~ 45ºC	
Lumen Maintenance	L70 @ 50,000hrs	
Warranty	5 years	

Lumen Values

Static white Model #		CCT	Power	
			6 W/m	12 W/m
Ra 90+				
LS300E-27K-6W	LS300E-27K-12W	2700 K	528 Lm/m	1012 Lm/m
LS300E-3K-6W	LS300E-3K-12W	3000 K	528 Lm/m	1012 Lm/m
LS300E-4K-6W	LS300E-4K-12W	4000 K	556 Lm/m	1065 Lm/m

NOTE

This linear LED product must be installed in an appropriate TASK Lighting or similar approved LED mounting channel to dissipate heat. Failure to do so may result in a much shortened LED life, colour shift and void the warranty.

End caps are bigger than the silicone sleeve & sealed by silicone adhesive which is supplied separately.