



High Efficiency COB Strip

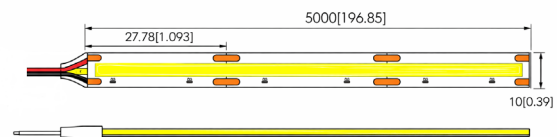
ST-00013

The High Efficiency COB Strip is a premium 24V LED flexible strip designed for seamless, dot-free illumination with efficacy up to 160 lm/W. Its ultra-thin, highly flexible COB construction and milky bounding wall ensure excellent light uniformity and smooth visual output. Built on a thick copper PCB for stable voltage and consistent brightness, it features a wide 120° beam angle, CRI up to Ra 90, a 50,000-hour lifespan, and a 5-year warranty—ideal for high-end architectural and indirect lighting applications.

PRODUCT INFORMATION

Colour temperatures	2700K / 3000K / 3500K / 4000K / 5000K / 6500K
Dimming options	Non-Dimmable / Mains Dimmable / DALI / 0-10V / DMX / Casambi / Bluetooth / Wi-Fi * Controller required
Beam angle	120°
CRI	90
Lifetime	50000hrs L70B50
Warranty	5 Years
Power	19W/m
Input Voltage	24V
LEDs per metre	288
Delivered Lumens	Up to 3072lm/m (See chart)
Efficacy	Up to 160lm/W
Material	Silicone tube
IP Rating	IP20 / IP67
Operating Ambient Temperature	-20°C ~ 45°C
Max. Length	5m
Cutting interval	27.7mm

DIMENSIONS





SPECIFICATION

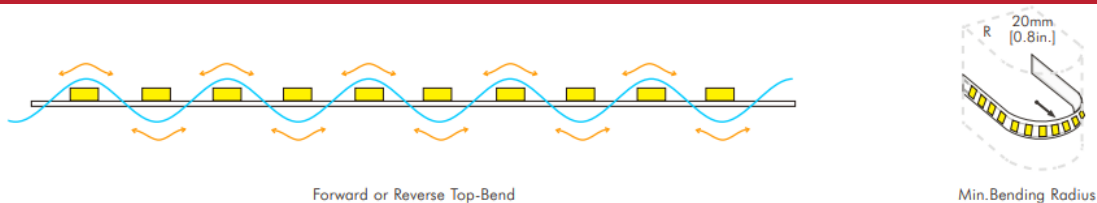
Power	Input Voltage	Colour Temperature	Lumen Output
19W/m	24V	2700K	2784lm/m
		3000K	2880lm/m
		3500K	2976lm/m
		4000K	3072lm/m
		5000K	3072lm/m
		6500K	3072lm/m

*Stated lumen output values are for IP20 tape. Adding IP rating will slightly reduce the lumen output.

IP RATING OPTIONS

IP20	IP67
	

BENDING RADIUS



SPECIFICATION CODE AND OPTIONS

CODE FORMAT EXAMPLE: ST-00013-WH-19-930-IP20

Type	Colour	Wattage	Colour Temperature	IP Rating
High Efficiency COB Strip	White	19W/M	90CRI 2700K	IP20
ST-00013	WH	19	927	IP20
			90CRI 3000K	IP67
			930	IP67
			90CRI 3500K	
			935	
			90CRI 4000K	
			940	
			90CRI 5000K	
			950	
			90CRI 6500K	
			965	

Last update: 27/02/2026