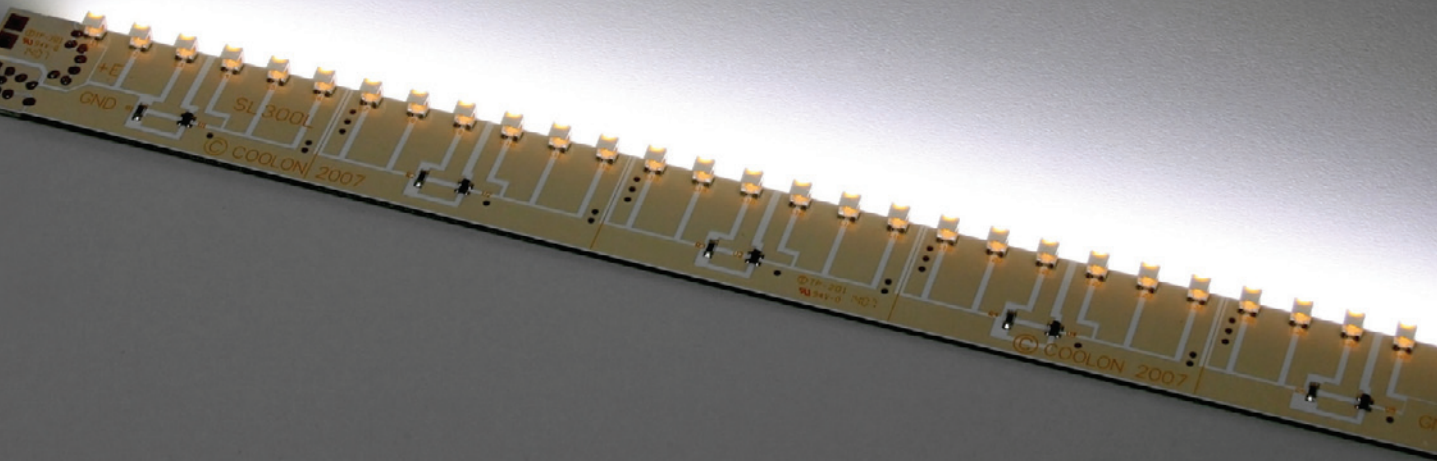


# Side-emitting LED Strip

The Side-emitting LED Strip is a unique light source designed especially for edge-lighting, using LEDs from world-leading LED manufacturer, OSRAM Opto Semiconductors.



The LED strip or 'segment' contains 30 side-emitting LEDs and is perfect for special lighting applications where no other light sources can fit. Most standard LED strips emit light from the top surface of the printed circuit board (PCB), on which the LEDs are mounted, the side-emitting LED strip emits light from the edge of the PCB. Most standard LED strips are often used for lighting panels from the back, while the Side-emitting LED strip can be used for edge-lighting panels, and in applications where space for the light source is limited.



The high density of the LEDs spread along the surface of the Side Emitting LED Strip ensures that the illumination is even along the strip and the overall glare factor is reduced. The light output from each LED blends with the light output from the LED(s) next to it, resulting in a uniquely uniform glow.

Using polycarbonate extrusion and connection pieces, multiple segments may be connected to form longer strip lights to the required length.



Product Code	STR-SE30(WH)	STR-SE30(BL)	STR-SE30(GR)	STR-SE30(RD)	STR-SE30(OR/AM)	STR-SE30(YL)
Product Name	Side Emitting 30	Side Emitting 30	Side Emitting 30	Side Emitting 30	Side Emitting 30	Side Emitting 30
Description	White	Blue	Green	Red	Orange	Yellow
Length	300mm	300mm	300mm	300mm	300mm	300mm
Width	26mm	26mm	26mm	26mm	26mm	26mm
LED Pitch	12mm	12mm	12mm	12mm	12mm	12mm
LEDs Per Group	6	6	6	6	6	6
Operating Voltage	24VDC	24VDC	24VDC	15VDC	15VDC	15VDC
LED Maker	OSRAM	OSRAM	OSRAM	OSRAM	OSRAM	OSRAM
Part Number	LW A6SG	LB A6SG	LT A6SG	LR A67F	LO A67F	LY A67F
Typical Power Consumption	6.12W	6.12W	6.12W	3.83W	3.83W	3.83W
Typical Current	255mA	255mA	255mA	255mA	255mA	255mA
Max Length	10m	10m	10m	10m	10m	10m
Max Length of Extrusion	2.5m	2.5m	2.5m	2.5m	2.5m	2.5m
Wavelength	N/A	470nm	528nm	633nm	606nm / 617nm	590nm
Luminous Efficacy	50lm/W	14lm/W	36lm/W	49lm/W	70lm/W	43lm/W
Luminous Flux	~ 300lm	~ 85lm	~ 220lm	~ 185lm	~ 265lm	~ 160lm
Angle	120°	120°	120°	120°	120°	120°
Heatsink Required	No	No	No	No	No	No
LOCK TM available	Yes	Yes	Yes	Yes	Yes	Yes
Available Extrusion	PC-XTR3010	PC-XTR3010	PC-XTR3010	PC-XTR3010	PC-XTR3010	PC-XTR3010
Available Endcaps	Yes	Yes	Yes	Yes	Yes	Yes
RRP	\$63.95	\$63.95	\$65.50	\$42.50	\$42.50	\$42.50