

Datasheet | S18065



SLC COB Colour 18W/m 850lm/m RGBW-3000K Ra>90 24V IP20 5m

RGBW COB LED strip delivers vibrant RGB lighting with pure white—seamless, dot-free lighting, and a cuttable every 33 mm, which is ideal for custom installations.

Electrical

Input	24VDC
Technology	Constant voltage (CV)
Iso Current Technology (iC)	No
Rated power	90 W
Rated power per meter	18 W/m
Control type	24V
Cable type	5 x 0,35 mm ²
Connection	2m wire in each end
Expected lifetime (25°C)	50 000 hours
Light reduction (25°C)	L70B50
Max length per connection	5 meters
Operating temperature (Ta)	–20°C - +45°C

Light technic

Lumens pr. meter	850 lm
Efficacy	76 lm/W
Colour temperature	RGBW-3000K
Colour rendering (CRI/Ra)	Ra>90
MacAdam (SDCM)	3
Beam angle fixed	150 °
Number of LEDs per meter	840
Dimmable	Yes, with PWM or AM
W/m per colour	R: 4,5W/m, G: 4,5W/m, B: 4,5W/m, W: 4,5W/m
Lm/m per colour	R: 120lm/m, G: 330lm/m, B: 60lm/m, W: 340lm/m

Mechanical

IP rating	IP20
Cutting point, every	33.33 mm

Dimensions

Height	1.5 mm
Height excluding feeder	1.5 mm
PCB width	12 mm
Width	12 mm
Width excluding feeder	12 mm
LED-Strip length	5 m
Length	5000 mm
Product net weight	190 g