

FlexStrip RGB RGBW

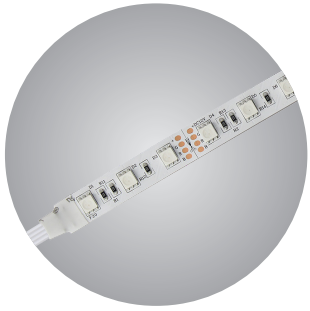
FlexStrip LIGHTING

Create attractive animation,
fit and adjust perfectly to retail
or hospitality changing needs.



3 YEARS
50.000hrs
L50

- Available in RGB and RGBW
- Flexible light source to create unique colors
- Choose your brightness level and IP
- Select 12V or 24V design



20370140

3 YEARS
50.000hrs
L50



IP20 FOR PCB
IP67 FOR SIL



5M



3 LED/100MM
3 LED/50MM



NO NEED



12V



120°



30 LED/M
60 LED/M



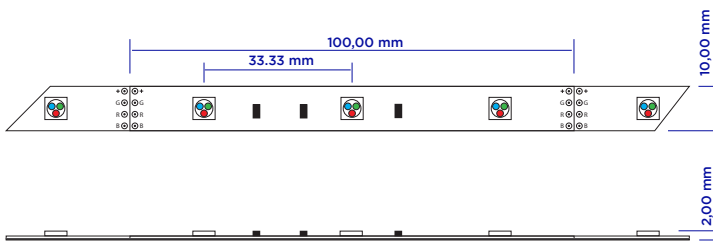
-25°/+55°C

TECHNICAL DATA

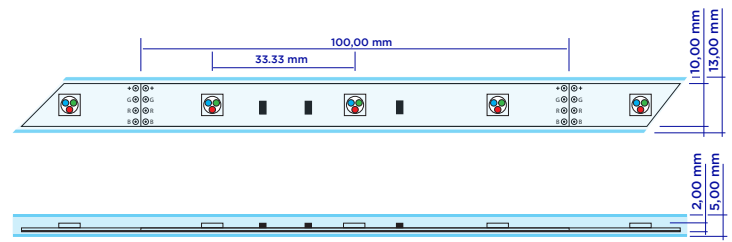
Code	Designation	Color Temperature / Wavelength	Number of LED/m	Power (W/m)	Flux (lm/m)	Efficiency (lm/W)	Continuous connection (m)
20370140	FlexStrip RGB 300 7,2W 12V L30 5000mm PCB	RGB	30	7,2	240	33,3	5
20370132	FlexStrip RGB 300 7,2W 12V L30 5000mm SIL IP67	RGB	30	7,2	216	30	5
20370139	FlexStrip RGB 500 14,4W 12V L60 5000mm PCB	RGB	60	14,4	480	33,3	5
20370040	FlexStrip RGB 500 14,4W 12V L60 5000mm SIL IP67	RGB	60	14,4	432	30	5

DIMENSIONS

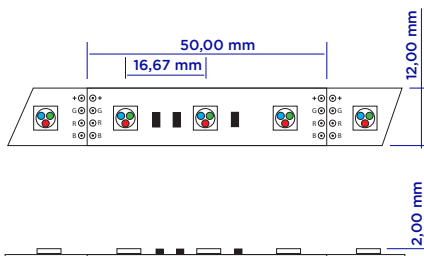
FlexStrip RGB 300 PCB



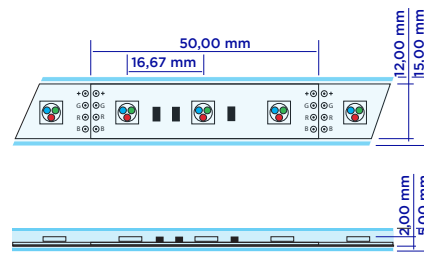
FlexStrip RGB 300 IP67 SIL



FlexStrip RGB 500 PCB



FlexStrip RGB 500 IP67 SIL





20370140

3 YEARS
50.000hrs
L50



IP20 FOR PCB
IP65 FOR SLE



5M



6 LED/62,5MM
6 LED/50MM



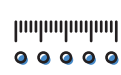
NO NEED



24V



120°



96 LED/M
120 LED/M



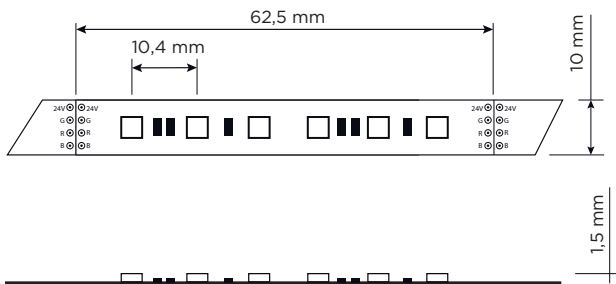
-25°/+55°C

TECHNICAL DATA

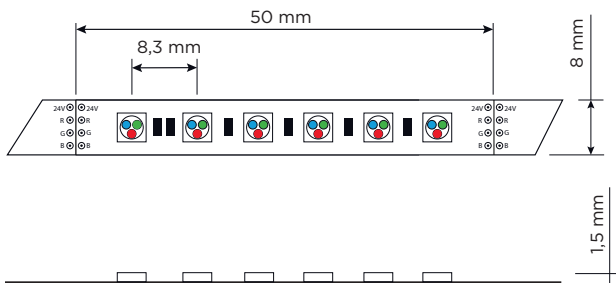
Code	Designation	Color Temperature / Wavelength	Number of LED/m	Power (W/m)	Flux (lm/m)	Efficiency (lm/W)	Continuous connection (m)
21180061	FlexStrip RGB 700 21W 24V L96 5000mm PCB	RGB	96	21	700	33,3	5
21180098	FlexStrip RGB 800 21W 24V L120 5000mm PCB	RGB	120	21	800	38	5
21180099	FlexStrip RGB 800 21W 24V L120 5000mm SLE IP65	RGB	120	21	800	38	5

DIMENSIONS

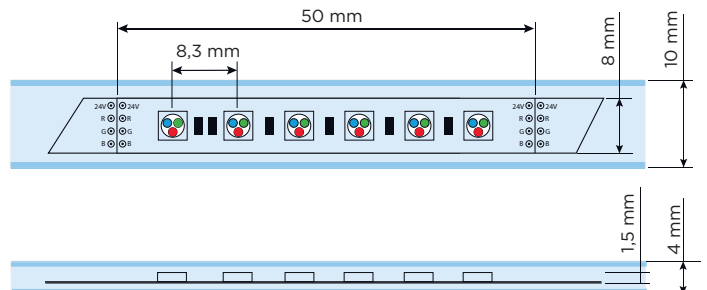
FlexStrip RGB 700 PCB



FlexStrip RGB 800 PCB



FlexStrip RGB 800 IP67 SLE





21180057

3 YEARS
50.000hrs
L50



IP20



5M



6 LED/100MM
6 LED/83,2MM



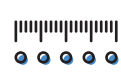
NO NEED



24V



120°



60 LED/M
72 LED/M



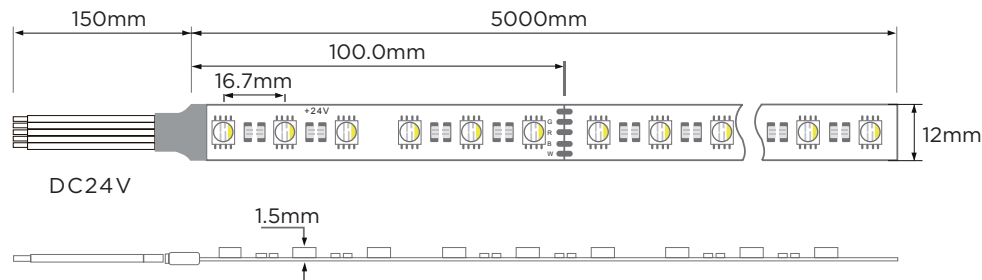
-30°/+50°C

TECHNICAL DATA

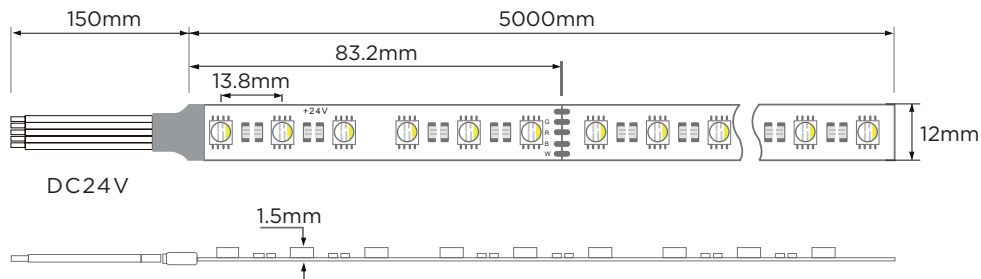
Code	Designation	Color Temperature / Wavelength	Number of LED/m	Power (W/m)	Flux (lm/m)	Efficiency (lm/W)	Continuous connection (m)
21180057	FlexStrip RGBW 1100 865 16,9W 24V L60 5000mm PCB	RGBW WDL: 6000-7000K	60	16,9	1100	65	5
21180058	FlexStrip RGBW 1100 865 20,1W 24V L72 5000mm PCB	RGBW WDL: 6000-7000K	72	20,1	1100	54,7	5

DIMENSIONS

FlexStrip RGBW IP20 24V L60

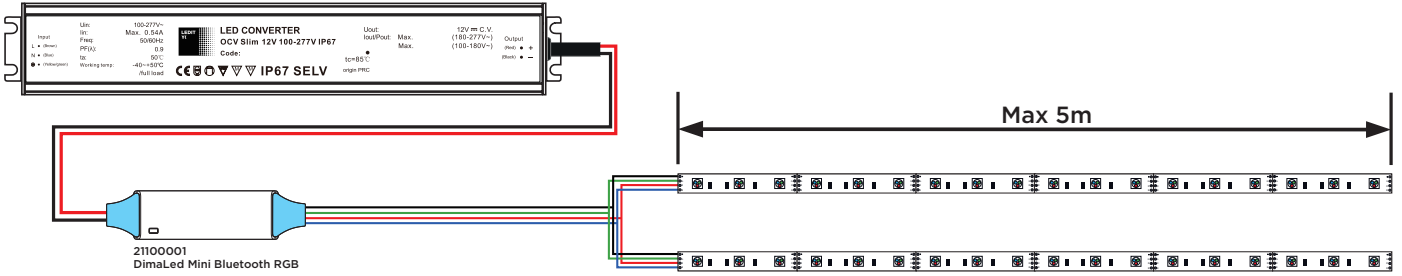


FlexStrip RGBW 1100 PCB

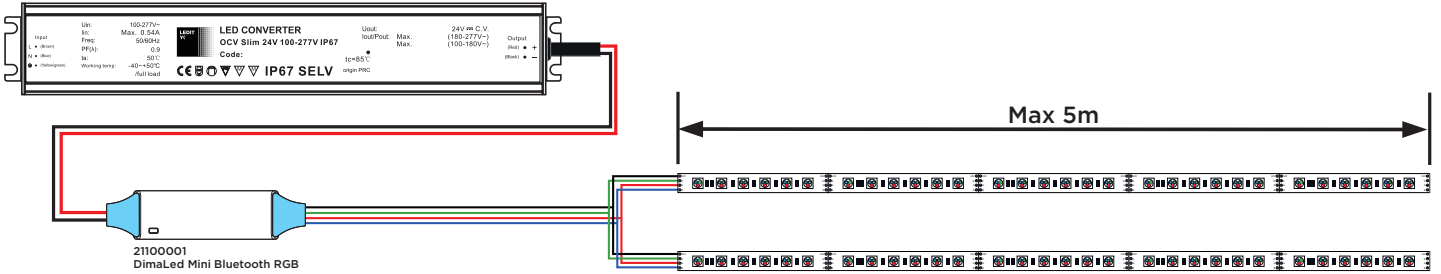


WIRING DIAGRAM

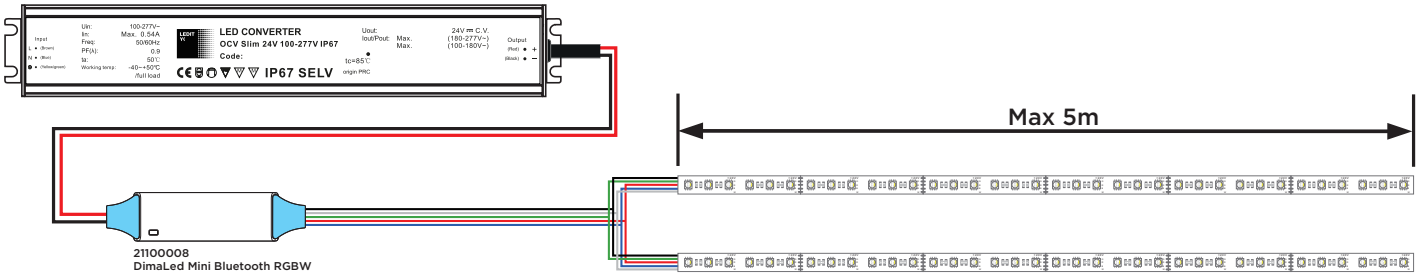
FlexStrip RGB 12V



FlexStrip RGB 24V



FlexStrip RGBW 24V



FLEXSTRIP NOMENCLATURE

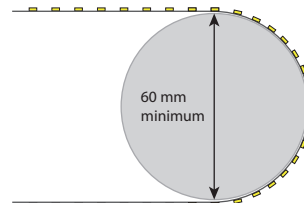
FlexStrip RGBW 1100 865 16,9W 24V L60 5000mm PCB

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- ① Family name
- ② Product name
- ③ Intensity (lm/mtr)
- ④ CCT code:
8 = CRI 80
65 = 6500k
- ⑤ Consumption (w/mtr)
- ⑥ Input voltage
- ⑦ LED number/m
- ⑧ Length of the roll
- ⑨ Protection style:
LXT = Lighting extrusion
SIL = Silicon
SLE = Sleeve
PCB = No protection

MAX BENDING ANGLE

The limit when bending the FlexStrip is a circle of 60mm diameter (see drawing). Always respect the bending flexibility to protect the rigid components. Never bend the tape in sharp angles or circles smaller than 60mm, or warranty will be voided.



NORMS & CERTIFICATES

- ▶ EN55015:2013+A1:2015
- ▶ EN 62031:2008+A1:2013+A2:2015
- ▶ EN 61547:2009
- ▶ EN 62471:2015
- ▶ EN 60598-1:2015+A1:2018
- ▶ EN 62493:2015
- ▶ EN 60598-2-20:2015
- ▶ EN 55015:2013
- ▶ EN 61547:2009
- ▶ EN 61000-3-2:2014
- ▶ EN 61000-3-3:2013
- ▶ EN 62031:2008+A1:2013



THERMAL BEHAVIOUR

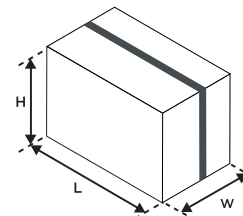
The temperature limits indicated below are expressed in °C, at full load, after 3h of operation conditions, with natural convection:

- ▶ Operation temperature Ta -20°C to +55°C
- ▶ Storage temperature Ts -20°C to +60°C
- ▶ The life of the module will decrease when the maximum temperature limits are exceeded.

Operating for a continuous extended time at temperatures exceeding the maximum limits, the modules can fail and our warranty will be void.

PACKAGING

Type	Size L x W x H (cm)	Size L x W x H (ft)	Weight (kg)	Weight (lb)	Units (roll)
FlexStrip RGB 12V L30 PCB	52 x 45 x 28	1,7 x 1,5 x 1	13	28,6	80
FlexStrip RGB 12V L30 IP65	52 x 45 x 28	1,7 x 1,5 x 1	10	22	40
FlexStrip RGB 12V L60 PCB	52 x 45 x 28	1,7 x 1,5 x 1	14	34	80
FlexStrip RGB 12V L60 IP65	52 x 45 x 28	1,7 x 1,5 x 1	19	42	40
FlexStrip RGB 24V L96 PCB	43 x 21 x 27	1,4 x 0,7 x 1	8,5	18,7	36
FlexStrip RGB 24V L120 PCB	35 x 20 x 24	1,1 x 0,6 x 0,8	4	8,8	30
FlexStrip RGB 24V L120 IP65	35 x 20 x 24	1,1 x 0,6 x 0,8	6	13,2	30
FlexStrip RGBW	43 x 22 x 28	1,4 x 0,7 x 0,9	5	11	30



(When the min and max values are not indicated, the tolerance range for optical and electrical data is ±15 %.)