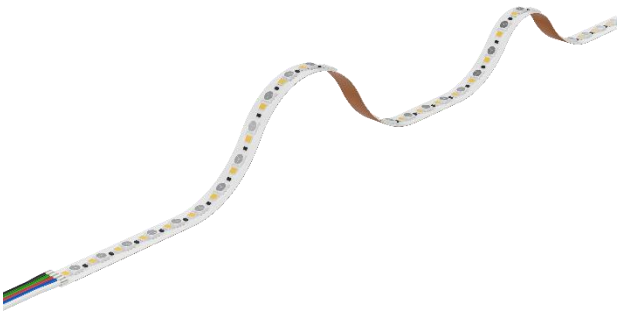


BASIC Flex G4 RGB(W) 24V IP00

BF1000RGBW-G4-9xx-24-05



Application areas

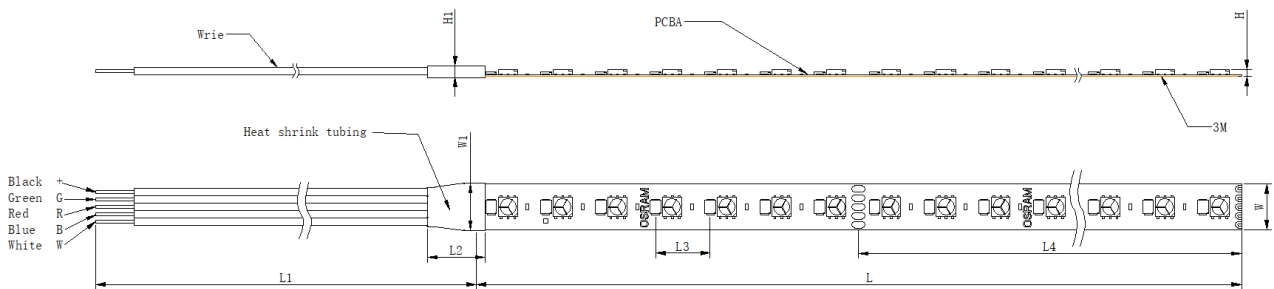
General Lighting in shopping malls, hotels, restaurants
Residential installations
Integration into coves, walls and aluminum profiles
Light engine for luminaires

Approvals

CE, CB, ENEC10, BIS

Features & Benefits

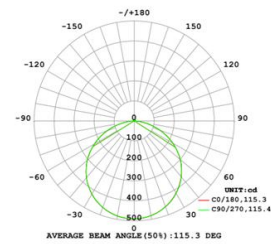
- 24V Constant Voltage Dimmable LED strip
- High homogeneity and uniform illumination due to 126/140 LEDs/m
- Color temperature: 2700K, 3000K, 4000K, 6500K — Single color bin in 3SDCM
- CRI: 90+
- Improved self-adhesive backside for easy and reliable mounting on different surfaces — Cables soldered one side for quick and safe installation
- L70B50 @ 50kh
- 5 Years INVENTRONICS Guarantee
- System combination with INVENTRONICS 24V Constant Voltage LED drivers, optional connectors, mounting accessories



Dimension/mm	L	L1	L2	L3	L4	L5	H	H1	W
Min.	4992	25	340	13.3	99	9.8	5.3	6.8	13.7
Typ.	5012	26	350	14.3	100	10.0	5.5	7.1	14.0
Max.	5032	27	360	15.3	101	10.3	5.7	7.4	14.3

Electrical & Output data

Nominal Voltage	24.0 V
Temperature range in operation @ Tc point	-25°C...+80°C
Storage Temperature	-30°C...+80°C
Ambient Temperature	-20°C...+50 °C



Beam Angle: 115° ± 10°

Technical data

Dimmable	Pulse width modulation (PWM)
Dimming range	1...100%
Lifetime	50.000 hrs (L70B50 @ 50kh, Tp rated)
Switch Times (1 is on, 1 isoff)	>1,000,000
Adhesive tape on backside	3M
Complementary systems	Profiles and covers, INVENTRONICS drivers and dimmers
Protection type	IP00
Classification acc. to IEC 62031	Built-in

Reference data

Product Name	CRI/Ra	Color	Luminous flux / M [lm]	Nominal wattage /M [W]	Luminous flux/reel [lm]	Luminous efficacy [lm/w]	LEDs/m	Performance Temp. Tp [°C]	Length [m]
BF1000R	>90	2700K	1000	9.5	3600	105	140	55	5
GBW-G4-927-24-05	RED	619-629nm	115	2.6	470	45	140	55	5
	GREEN	520-530nm	235	2.6	940	91	140	55	5
	BLUE	462-472nm	60	2.6	250	24	140	55	5
BF1000R	>90	3000	1050	9.5	3800	110	140	55	5
GBW-G4-930-24-05	RED	619-629nm	115	2.6	470	45	140	55	5
	GREEN	520-530nm	235	2.6	940	91	140	55	5
	BLUE	462-472nm	60	2.6	250	24	140	55	5
BF1000R	>90	4000	1150	9.5	4000	120	140	55	5
GBW-G4-930-24-05	RED	619-629nm	115	2.6	470	45	140	55	5
	GREEN	520-530nm	235	2.6	940	91	140	55	5
	BLUE	462-472nm	60	2.6	250	24	140	55	5
BF1000R	>90	6500	1150	9.5	4000	120	140	55	5
GBW-G4-930-24-05	RED	619-629nm	115	2.6	470	45	140	55	5
	GREEN	520-530nm	235	2.6	940	91	140	55	5
	BLUE	462-472nm	60	2.6	250	24	140	55	5

*flux variability on the full length < 25%

Ordering Data

Product description	Product code (EAN10)	Dimensions (length x width x height)	Package content
BF1000RGBW-G4-927-24-05	6937186153685	5012x14x5,5	20pcs
BF1000RGBW-G4-930-24-05	6937186153708	5012x14x5,5	20pcs
BF1000RGBW-G4-940-24-05	6937186153722	5012x14x5,5	20pcs
BF1000RGBW-G4-965-24-05	6937186153746	5012x14x5,5	20pcs

LED Module Information

Product Name	Number of LEDs per smallest unit	Number of LEDs per meter	Number of LEDs per module	Flux variability on the full length	LED Pitch	Prewired Cable Length [mm]	Conducto r cross section	Lowest bending radius [mm]
BF1000RGBW-G4-9XX-24-05	7	140	700	< 20%	7.94	>300	0.5mm ²	25

Optional Accessories

TO CHECK

Disclaimer

Subject to change without notice. Errors and omission excepted. Make sure to use the most recent release. All values are average typical and cannot be used as reference for compliance tests.
Always refer to the official data on web site: [Inventronics flexible and area lighting](#)

* Always ensure that Tc will not exceed the maximum allowed value.