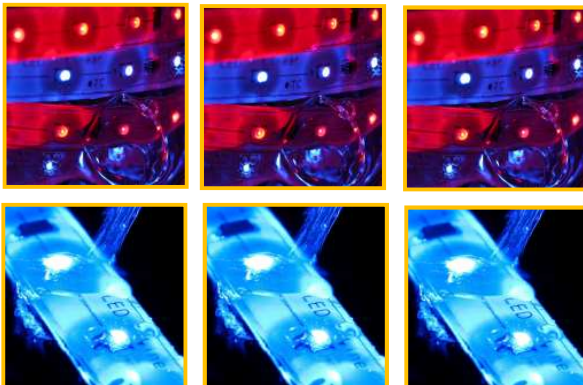


**VarioLED Flex Color IP67**


IP67


**Description:**

VarioLED Flex Color IP67 is an IP 67 protected encapsulated LED-strip that is ideal for a wide range of outdoor and indoor applications, Wellness and Spa (color and light therapy), architectural cove and feature illumination in both residential and commercial applications, especially in a rugged environment. The LED-strip (h x w **4,5mm** x 14mm) is easy to conceal in cabinetry and casework. With an external 24V driver, VarioLED Flex Color IP67 can be connected directly to line voltage. A preassembled IP67 connector on both sides and jumper cables simplify system installation. The LED light source offers long life, and low power consumption. VarioLED Flex Color IP67 is weatherproofed, salt water resistant and provides maintenance-free operation for years.

**The Following colors are available:**

**Additional features:**

- **Large sizes are available (>2 meters)**
- Blue/Green: Four installation lengths\*: 8,6" (20cm), 32,2" (81,9cm), 63,7" (161,9 cm)
- Red/Yellow: Four installation lengths\*: 7,1" (17,9cm), 32,2" (81,9cm), 63,7" (161,9 cm)
- Full dimmable and DMX compatible
- Plug and play connector on each side (male/female)
- LED source provides 50,000 hours of life with 70% of initial lumens

\*=on request the luminaire can be available in other lengths and color temperatures

**Specification:**

**IP67 Polyurethane** salt water, weather- and UV- resistant encapsulation

**Temperature:** The luminaire can be operated at temperatures from -22°F to 113°F (-30°C to 45°C). The outside case temperature should not exceed 149°F (65°C). Temperature measurement point is entire backside of the aluminum profile

**Warranty:** VarioLED IP67 (for the original installation) have a warranty from two years from the date of delivery.

**Control:** Fully dimmable and DMX compatible. LED-Linear accessories are available.

**Electrical:** The LED-Strip is designed to run at safety-extra-low voltage (SELV) from recommended 24V converter. Do not exceed reverse voltage of 5V



**VarioLED Flex Color IP67**


IP67

**Bestellinformation:**
**Catalog Data: VarioLED Flex Color IP67**

Model	Voltage* (V DC)	Color	Lenght	
			Red / Yellow	Blue / Green
VarioLED Flex Color	24V	Red, Green, Yellow, Blue	179mm (7,1")	219mm (8,6")
			819mm (32,2")	819mm (32,2")
			1.619mm (63,7")	1.619mm (63,7")

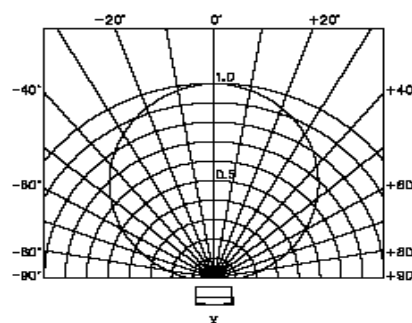
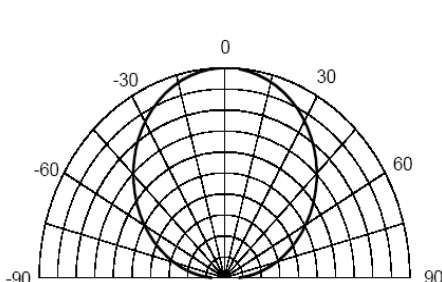
**Order Number**

Color	Lenght	Order Number	Color	Lenght	Order Number
Green	219mm (8,6")	11008-01	Red	179mm (7,1")	11000
Green	819mm (32,2")	11009-01	Red	819mm (32,2")	11001
Green	1.619mm (63,7")	11010-01	Red	1.619mm (63,7")	11002
Blue	219mm (8,6")	11012-01	Yellow	179mm (7,1")	11004
Blue	819mm (32,2")	11013-01	Yellow	819mm (32,2")	11005
Blue	1.619mm (63,7")	11014-01	Yellow	1.619mm (63,7")	11006

**Electrical Data and Luminous Flux (at ambient temperature  $t_a = 25^\circ\text{C}$ ):**

Lenght	Number of LED	Voltage* (V DC)	Current* (A) Red and Yellow	Lenght	Number of LED	Voltage* (V DC)	Current* (A) Green and Blue	Luminous flux* (lm)			
								Red	Yellow	Green	Blue
179mm	8	24V	0,025	219mm	10	24V	0,125	12	15	41	10
819mm	40	24V	0,125	819mm	40	24V	0,250	61	74	162	38
1.619mm	80	24V	0,250	1.619mm	80	24V	0,400	121	147	324	78

\* Due to the specific conditions of the manufacturing process of LED the typical data of technical parameters only reflects statistical figures not necessarily correspond to the actual parameters of each single product which could defer from the technical data.

**Radiation Characteristics:**


VarioLED Flex Color IP67

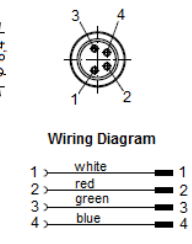
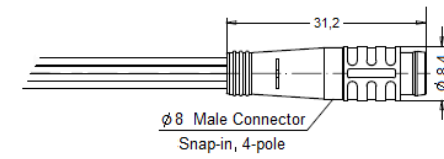
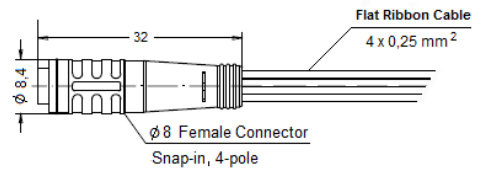
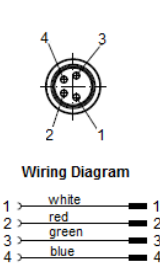
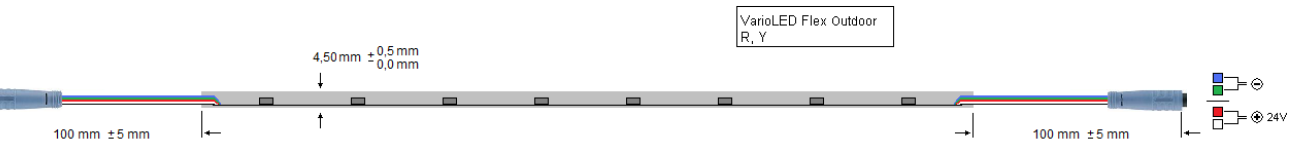
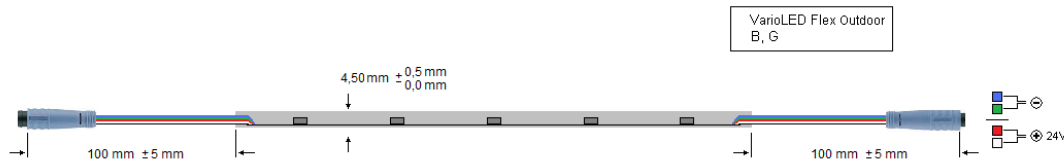
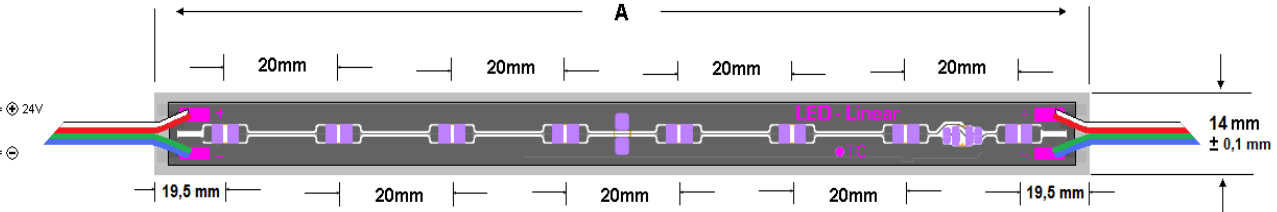
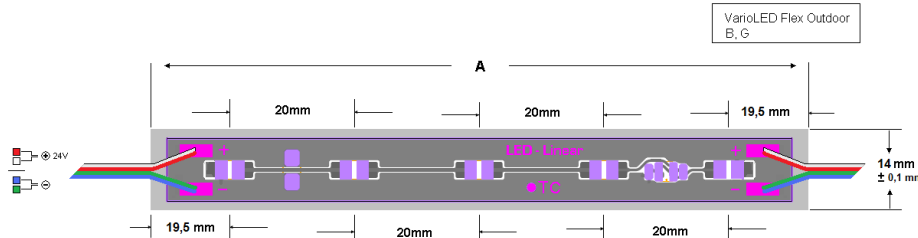


IP67

Dimensional and Style Data\*:

Green/Blue  
 A = 219mm (8,6")  
 A = 819mm (32,2")  
 A = 1.619mm (63,7")

Red/Yellow  
 A = 179mm (7,1")  
 A = 819mm (32,2")  
 A = 1.619mm (63,7")



\*Einheit in mm






**VarioLED Flex Color IP67**








IP67

**Reliability and Test Data:**

- Neutral salt spray test procedure (GM4298P)
- Oven aging test (GM7452M)
- Cooper accelerated salt spray test (GM4476P)
- Temperature cycle test (5cycles 4h 80°C / 4h -30°C / 16h 40°C)
- Chip resistance test (GM9508P)
- Temperature shock test (20 cycles -40°C to 100°C / 30min dwell, < 10sec transfer)
- Dimensional stability test (GM7452M)
- Cleaning resistant test (GM 9900P)
- Sand blast test (3 liter 0,5mm – 1mm)
- Detergent resistant test
- Xenon weatherometer test (SAE J1960 REV. OCT2004)

**Accessories\*:**

Profile	Power Supply	Control
<b>Vario Contour 003</b> Art.-Nr.: 10000000  <b>Vario Clips 003</b> Art.-Nr.: 13000000  <i>Other: available on request</i>	<b>Vario PSU IP67</b> <b>Vario PSU 25W / 24V IP67:</b> Art.-Nr. 16000031 <b>Vario PSU 60W / 24V IP67:</b> Art.-Nr.16000029 <b>Vario PSU 100W/24 V IP67:</b> Art.-Nr.16000030  <i>Other: available on request</i>	<b>Vario Control Remote – IR (w/o battery)</b> Art.-Nr.: 17100001  <b>Vario Control 3 Channel Manual IP 20</b> Art.-Nr.: 17200006 <b>Vario Control 1-10V (Dimming)</b> Art.-Nr.: 17700002 BI */** Art.-Nr.: 17700001 Poti  <i>*BI – Built in; **IP20, IP65</i> <i>Other: available on request</i>

Connector	Jumper Cable	Control
<b>Connector - male 150mm</b> Art.-Nr.: 15000043 <b>Connector - female 150mm</b> Art.-Nr.: 15000042  <i>Other: available on request</i>	<b>Jumper cable 2m</b> Art.-Nr.: 15000044  <b>Jumper cable 2 x</b> Art.-Nr.: 15000023  <i>Other: available on request</i>	<b>Vario Control 8 Channel BI **</b> Art.-Nr.: 17100005  <b>Vario Control DMX Address BI **</b> Art.-Nr.: 17400002  <b>Vario Control Booster BI **</b> Art.-Nr.: 17100004  <i>*BI-Built in; **IP20, IP65 optional</i> <i>Other: available on request</i>

 \*for further information please visit [www.led-linear.com](http://www.led-linear.com)
**Safety and Assembly Information:**

- Assembly must not lead to damage or interruption of the circuit paths.
- Do not exceed reverse voltage of 5V;
- Power supply units used for operation should ensure the following basic protection and safety features:
  - Short-Circuit Protection
  - Overload Protection
  - Overheat Protection
  - SELV equivalent (Safety Extra Low Voltage)
- Pay attention to the maximum output of the power supply.
- VarioLED SOL Outdoor is pre-assembled with a male/female connector on each side
- Avoid Electro-Static-Discharge (ESD)
- Observe correct electrical polarity and avoid short circuits.