

# VarioLED™ Flex Tape IP67

## VarioLED™ IP67



HIGH  
PROTECTION  
AND  
VARIOUS  
OPTIONS



## VarioLED™ Flex Tape IP67

### High protection and amazing flexibility

VarioLED™ Flex Tape IP67 are flexible, linear LED light lines which are protected against environmental influences and can be produced in customer specified individual lengths. They offer up to 514 lm/ft at 4.6 W/ft.

They are IP67 protected against water, salt water and UV radiation through a clear polyurethane encapsulation. Depending on the step measurement they are freely scalable and available in lengths of up to 32.8 ft. The lamps are delivered ready to plug in with IP67 Mini-connectors at both ends and can be easily installed with an adhesive tape or plastic clips. A white base profile with lateral fins and reflective surface guarantees high luminous flux.

The product is available in the colors Static White, Tunable White and RGB. The small cross section, the minimum bending radius of only 1.18" and the high robustness allow use in virtually any application, such as coves, contours, furniture, organic forms, counters, stairways and backlighting.



## VarioLED™ IP67

### High protection and optimum heat dissipation

VarioLED™ IP67 are fully encapsulated linear LED light lines in aluminum profiles with excellent heat dissipation and very high lumen packages. They offer up to 785 lm/ft at 7.6 W/ft.

They are IP67 rated and protected against water, salt water and UV radiation by a clear polyurethane encapsulation. They are delivered ready to use with an IP67 connector on both ends and can be easily installed via clips or mounting profiles. The aluminum profile is used for cooling, so that even powerful LED strips with up to 7.6 W/ft can be used.

They are suitable for surface mounting and recessed installation and optimal for the illumination of façades, baths, shower rooms, workshops, backlighting and other dusty or humid areas.

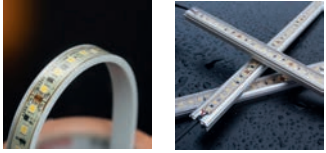


# VarioLED™ Flex Tape IP67

## VarioLED™ IP67

Features and benefits

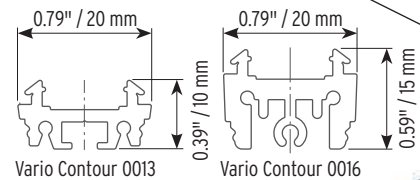
Flexible or in Contour - choose according to your application. Both are IP67 protected.



Specially developed polyurethane encapsulation protects the luminaire against environmental influences in IP67

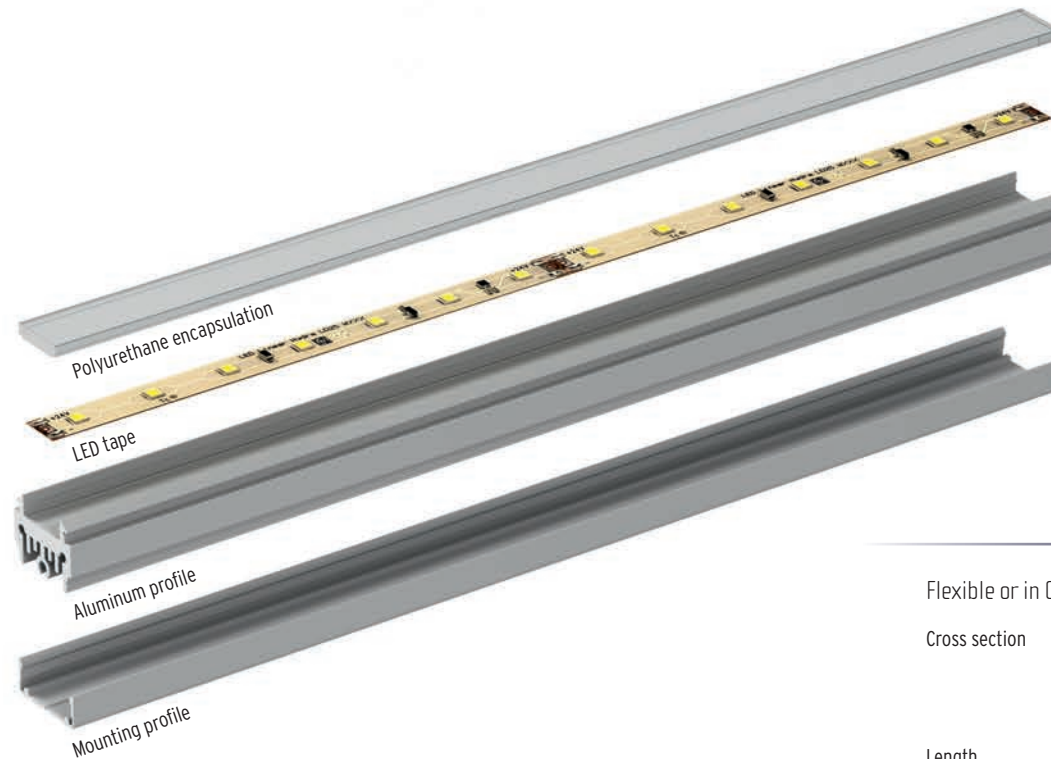
Different tapes:  
Static White, Tunable White and RGB

Aluminum profile with small cross section



VarioLED™ IP67: 4.33"  
IP67 connectors on both ends

VarioLED™ Flex IP67: 7.87"  
IP67 mini connectors on both ends



Flexible or in Contour – linear LED light lines in IP67

Cross section	Flex: between 0.39" x 0.15" and 0.49" x 0.15" Vario Contour 0013: 0.79" x 0.39" Vario Contour 0016: 0.79" x 0.59"
Length	Flex: up to 32.8', Profile: up to 13.1'
Power	0.9 W/ft - 7.6 W/ft
Luminous flux	Flex: up to 514 lm/ft Profile: up to 785 lm/ft
max. efficacy	up to 142 lm/W
Beam angle/optics	15°, 30°, 60°, 90°, 120°
Color temperature	2,500 K - 5,100 K
Colors	Static White, Tunable White, RGB
CRI	85 - 95

## VarioLED™ Flex IP67 and VarioLED™ IP67

Choose from 15 White LED tapes to match your application

VarioLED™ Flex HYDRA LD Series – 125 mm (4.92") step length



Low density (LD): LED pitch of 0.7"

CRI > 95 available at LD5 and up to 878 lm/ft @ 7,6 W/ft

Intended for cove and accent lighting  
and other indirect view applications.

VarioLED™ Flex HYDRA HD Series – 62.5 mm (2.46") step length



High density (HD): Short LED pitch of 0.35"

CRI > 95 (for HD6 and HD10) and up to 878 lm/ft @ 7,6 W/ft

Intended for direct view applications. Can be used  
with opal optics for absolutely homogeneous light.

## VarioLED™ Flex Tape IP67 and VarioLED™ IP67

A solution for indoor and outdoor

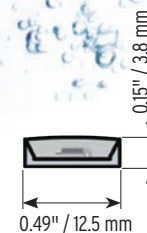
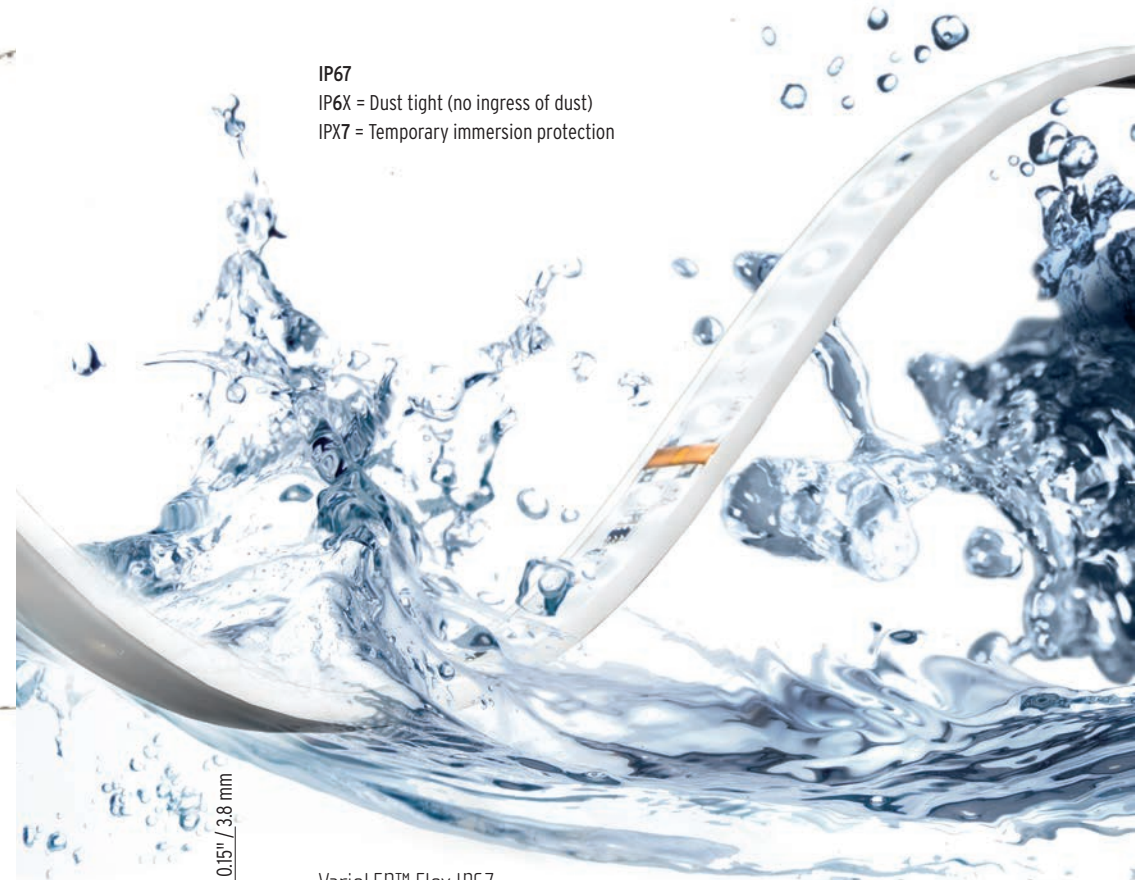
A specially developed polyurethane encapsulation protects the VarioLED™ Flex tape against a wide variety of environmental influences and makes it an absolute all-rounder in the outdoor and indoor use. The utilized Polyurethane features a 5 times higher chemical resistance and a 10 times lower water transmission compared to typical Silicones for LED applications in the relevant temperature range (-50°C to 80°C).

VarioLED™ Flex IP67 and VarioLED™ IP67 have a very high resistance in harsh climatic conditions and are resistant to salt water, chlorine, solvents and UV radiation. The whole system has a protection class of IP67. Wherever protection is essential, this lighting solution shows its advantages.

### IP67

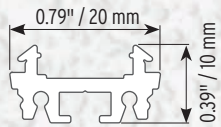
IP6X = Dust tight (no ingress of dust)

IPX7 = Temporary immersion protection



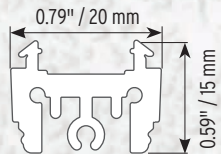
### VarioLED™ Flex IP67

Water & UV resistant flexible linear LED luminaire in up to 10 m (32.8') length in polyurethane encapsulation with white casing and with 200 mm (7.87") IP67 mini connectors on both ends. Very small with only 12.5 mm x 3.8 mm (0.49" x 0.15"). Available for tapes with up to 15 W/m (4.7 W/ft).



VarioLED™ IP67 with VarioContour 0013

Water & UV resistant linear LED luminaire in aluminum profile with up to 13.1 ft. length, polyurethane encapsulation and 4.33" IP67 connectors on both ends. Small form factor of 0.79" x 0.39". Available for tapes from 1.5 W/ft to 2.9 W/ft.



VarioLED™ IP67 with VarioContour 0016




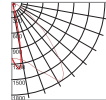



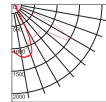



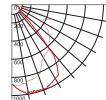
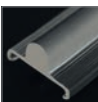


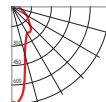
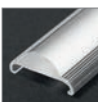


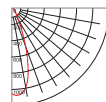
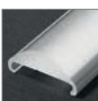

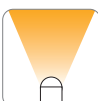
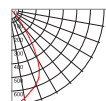
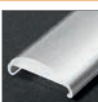

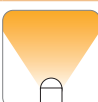
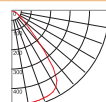
Water & UV resistant linear LED luminaire in aluminum profile with up to 13.1 ft. length, polyurethane encapsulation and 4.33" IP67 connectors on both ends. Small form factor of 0.79" x 0.59". Available for tapes with higher output from 4.7 W/ft to 7.6 W/ft.

## VarioLED™ IP67



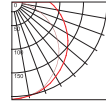
Possible optics for VarioContour 0013 and 0016

7 linear lenses in 15°, 30°, 60°, 90° for directed light

Art.-No:

Linear lens Clear 30°					30°	12000020
Linear lens Clear 60°					60°	12000021
Linear lens Clear 90°					90°	12000022
Linear lens Diffuse 15°					15°	12000049
Linear lens Diffuse 30°					30°	12000029
Linear lens Diffuse 60°					60°	12000031
Linear lens Diffuse 90°					90°	12000032

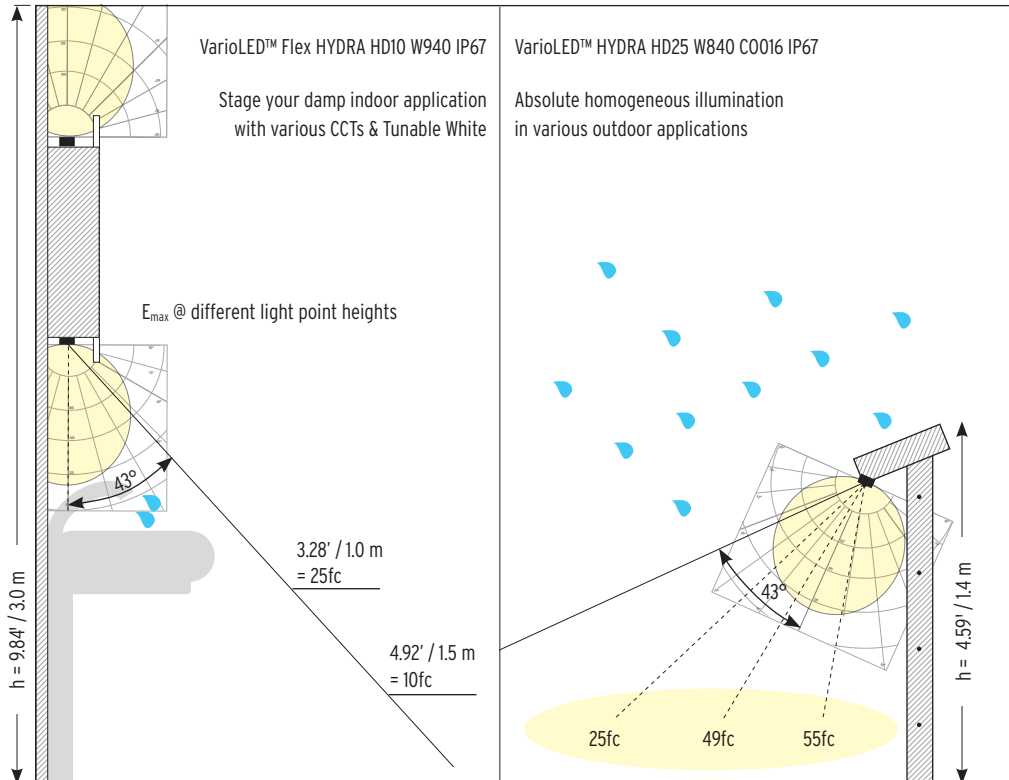
Round covers in opal for soft light

VarioCover Round Opal				154°	12000004
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# VarioLED™ Flex Tape IP67 and VarioLED™ IP67

Lighting applications

Indoor – Example Bathroom    Outdoor – Example Bridge Lighting



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