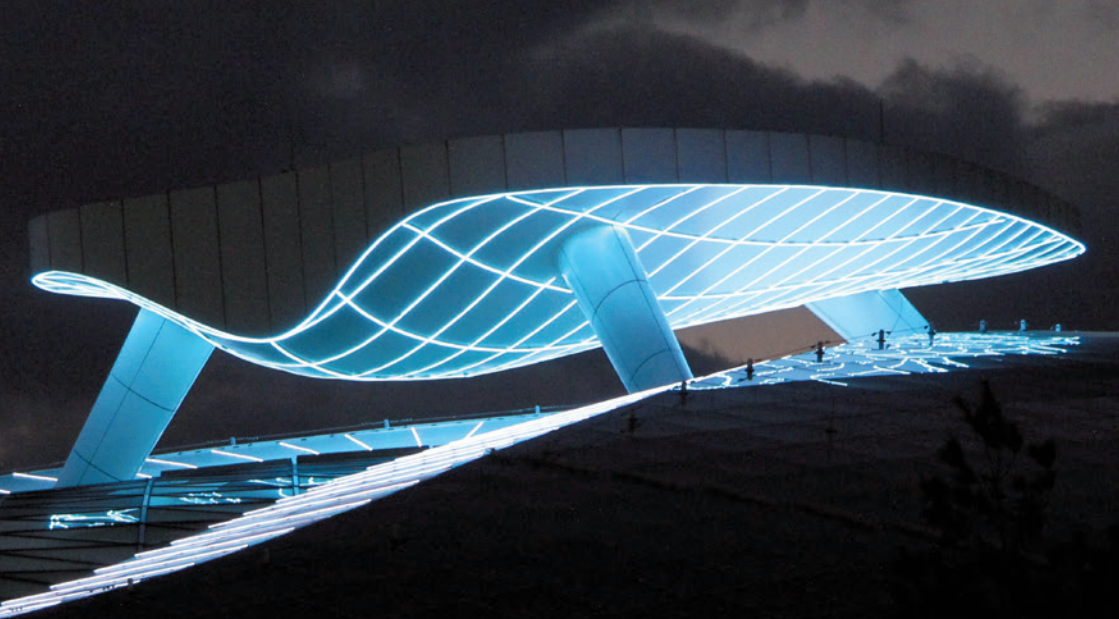


VarioLED™ Flex

VENUS True Color

Bendability with a twist



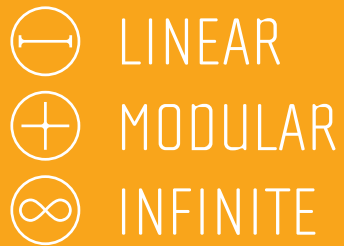
LED LINEAR™
lighting solutions

Member of the
Fagerhult Group

VENUS True Color

BENDABLE DESIGN LIGHT LINES

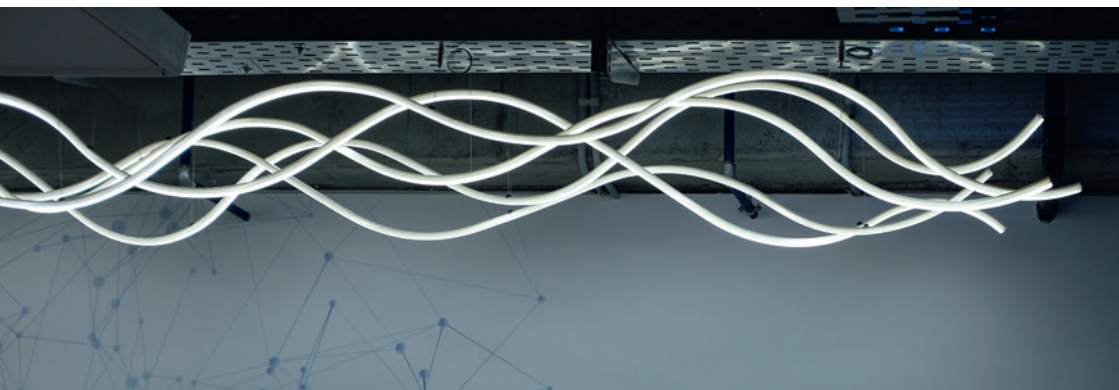
- 10 years past since VENUS revolutionized architectural lighting by providing the first flexible IP67 light line to the lighting design and architecture community. After gathering inputs and ideas from the market VENUS True Color carries on all features which made VENUS a worldwide success with new major benefits.
- The Top View (TV) variant takes over the applications of its predecessor for bends, perpendicular to the luminous surface. The 3D variant provides a light line which can be twisted by 180°/m or bent in 3 dimensions in order to follow any organic shapes present in modern architectural concepts.
- Compared to its predecessor, VENUS True Color features an innovative cabling on the backside of the luminaires and multiple mounting accessories without any visible impacts on the light line. Also VENUS True Color TV and 3D feature the same cross section of 18 mm x 17 mm and an enhanced homogeneity at both ends enabling a perfect fixture to fixture overlap.



KEY FEATURES

LIGHT LINES SHAPED AT WILL

Available in 2D (Top View) or 3D, VENUS True Color provides an absolute freedom of design even in complex organic, metamorphic and biomorphic architectural concepts. Both versions are bendable with a minimal radius of 150 mm and the 3D version is also twistable by 180 °/m. Its elaborate design enables to achieve sophisticated bent forms without compromising light quality and homogeneity. Thanks to the seamless bond between luminaires, VENUS True Color can also serve as base to create perfect eye catchers regardless if one, a pair or dozens of luminaires are used.

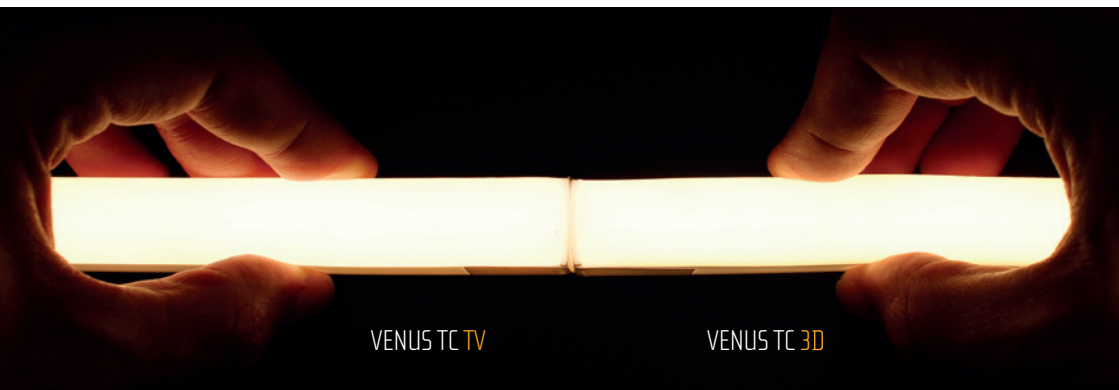


CONSISTENCY AND HOMOGENEITY ALL ALONG THE LINE

VENUS True Color is now even better in offering endless lines of light. The overlap between 2 fixtures is now barely visible, making the light emission over long run lengths even completely homogeneous.

Additionally, VENUS TV and VENUS 3D have the same cross section, CCTs and lumen outputs, making any combination of both variants in the same application effortless.

Lastly, VENUS True Color features a seamless cable management on its backside, enabling an optimal splice between two luminaires.



VENUS TC TV

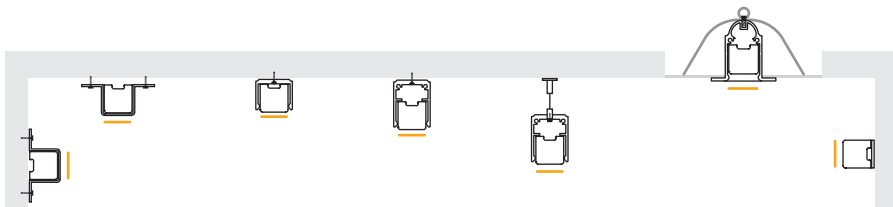
VENUS TC 3D

INNOVATIVE CABLE MANAGEMENT AND MOUNTING

Thanks to an innovative cable feed, the cable routing is operated on the back-side of the fixtures with two IP67 connectors at both ends for an easy daisy chain cabling without any impact on the junction between two luminaires.



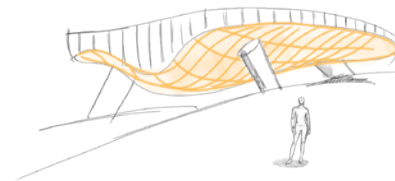
Together with a large panel of ingenious mounting accessories, VENUS True Color opens the door to new designs. 3 different types of mounting clips, 2 aluminum profiles white coated for surface mount, flexible channels for surface, pendant or recessed installation as well as a recessed profile, facilitate its integration in almost any building structures seamlessly.



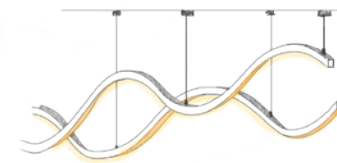
VARIABILITIES

The different mounting options as recessed, surface both horizontally or vertically, or as pendant, straight or bent, offers an absolute creative freedom for linear lighting concepts.

Example of applications



VENUS True Color embraces the shape of a façade and illuminates it dot free. The luminaire is either just mounted directly onto the surface or slightly recessed to underline the architecture.



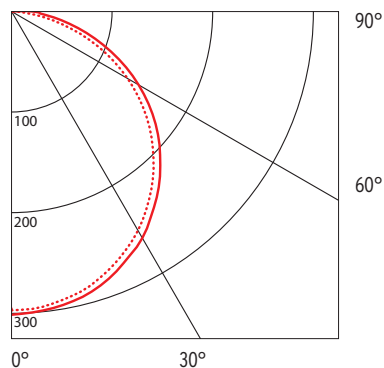
Decorative elements with curved or wavy shapes such as profiles or sculptures will be turned into an eye-catcher with the fixture. Thanks to its flexibility VENUS True Color can be used in many ways to create unique designs.



Now with the VENUS True Color 3D it is possible to illuminate handrails or spiral staircases with a reliable product. It gives a smooth indirect light which is used for decorative aspects as well as for orientation lighting.

TECHNICAL DATA

- Lumen output from 310 lm/m (100 lm/ft) to 960 lm/m (290 lm/ft)
- 6 Color temperatures ranging between 2,200 K and 5,000 K
- CRI up to 95
- IP67 with polyurethane encapsulation
- Efficiency up to 68 lm/W
- Available in white
- Lifetime 60,000 h L80/B10



VENUS TV und VENUS 3D have the same technical features and form factor. This makes it easy to combine the products in the same project.

LIGHTING INNOVATIONS

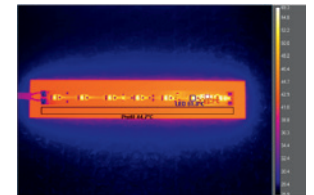
TRUE COLOR

VENUS True Color has an optimal rendition of the LED spectrum, meaning minimal color shift. This enables an easier combination with other luminaires within the same facade by offering an overall color consistency.

Tj Away®

LED LINEAR™ TECHNOLOGY

VENUS TC embeds the LED Linear™ Tj Away® technology which provides optimal heat dissipation of the LED to the housing profile. This enables the miniaturization of the luminaire's footprint while ensuring an extended lifetime compared to conventional LED technologies.

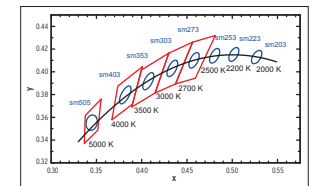


Experimental setup: 40 W/m (12 W/ft) LED tape with thin flexible PCB mounted on flat aluminum plate LED temperature does not exceed 60°C (140°F).



**ONE
BIN
ONLY**

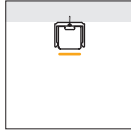
Color consistency plays a key role as much as homogeneity in any linear lighting application. To ensure an outstanding quality of the light, LED Linear™ introduced One Bin Only which ensures that all LEDs used in our luminaires are picked from one bin centered on the target CCT within a 3 step MacAdams Ellipse. They are used to determine visual color deviations and indicate differences in light color of individual LEDs. 3 step MacAdam ensures a color variation unnoticeable by the human eye and therefore an optimal lighting quality.



Black Body Curve —
LED Linear™ Binning —
ANSI Binning —

MOUNTING

1. Surface-mounted, Clips and profile without mounting channel



Mounting accessories

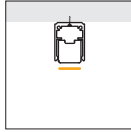


VTC Surface Mounting Clip low
(3 cm / 1.18" length)
Art.-#: 13000277



VTC Surface Mounting Channel low
(2 m / 6.56' length)
Art.-#: 10000552

2. Surface-mounted, Clips and profile with mounting channel



Mounting accessories

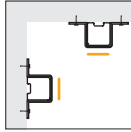


VTC Surface Mounting Clip high
(3 cm / 1.18" length)
Art.-#: 13000278



VTC Surface Mounting Channel high
(2 m / 6.56' length)
Art.-#: 10000553

3. Surface-mounted, vertical/horizontal

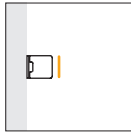


Mounting accessories



VTC Surface Holding Clamp Clear
Art.-#: 13000279

4. Surface-mounted, Adhesive



Mounting accessories

Only in combination with profiles to make it firmer. For short-term use.

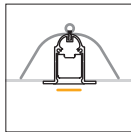


VTC TV Adhesive Tape
for Surface Mounting
Art.-#: 18200135



VTC 3D Adhesive Tape
for Surface Mounting
Art.-#: 18200136

5. Recessed



Mounting accessories



VTC Recessed Profile (2 m Set)
(with 3 x mounting spring &
flexible snap on cover strips)
Art.-#: 10000559

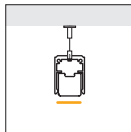


VTC Flexible Recessed Profile (2 m Set)
(with 6 x mounting spring &
flexible snap on cover strips)
Art.-#: 10000560



VTC End Cap Recessed (Set of 2)
Art.-#: 11000214

6. Pendant



Mounting accessories



VTC Pendant Set for Flexible
Profile (2 m / 6.56' Wire)
Art.-#: 13000273



VTC Pendant Set for Flexible
Pendant Profile (5 m / 16.4' Wire)
Art.-#: 13000274



VTC Flexible Pendant Channel
Art.-#: 10000554



VTC Surface Mounting Channel high
Art.-#: 10000553

Please see our detailed mounting instructions on the website www.led-linear.com

REFERENCES



A | Let creativity fly freely



B | Effect seeking bendability



The perfect eye catcher



C | Continuous and homogenous light lines

A | Photo: Akito Goto / goto photo office

B | Photo: Frédérique Félix-Faure, François Moura, Guillaume Ombreux

C | Photo: Adam Mörk

Please scan the QR-Code for more
detailed information about
VarioLED™ Flex VENUS True Color IP67



VarioLED™ Flex VENUS True Color IP67



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