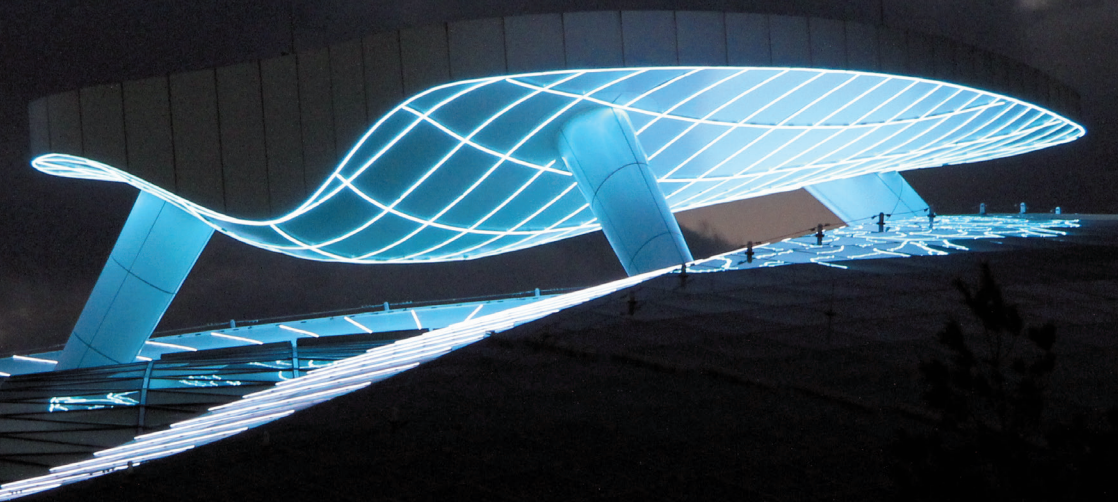


VENUS True Color

Flexibility with a twist



LED LINEAR™
lighting solutions

Member of the
Fagerhult Group

VENUS True Color

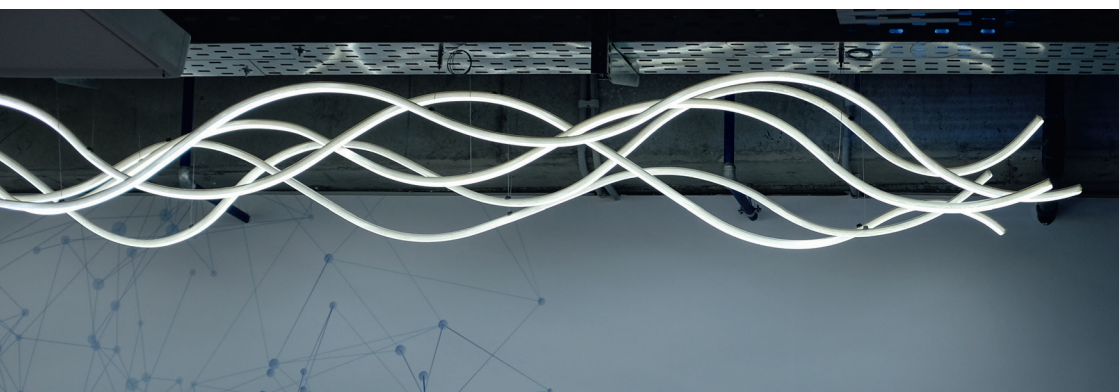
BENDABLE LIGHT LINES

- 10 years passed 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 vertical bending (TV) variant takes over the applications of its predecessor which bends perpendicular to the luminous surface. The 3D variant provides a light line which can be twisted by 180°/3.2ft or bent either vertically or horizontally in order to follow any organic shapes 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 impact on the light line. Also VENUS True Color TV and 3D feature the same cross section of 0.71"x0.67" and an enhanced homogeneity at both ends enabling a perfect fixture to fixture continuity.

KEY FEATURES

LIGHT LINES SHAPED AT WILL

Available in TV or 3D versions, 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 6in and the 3D version is also twistable by 180 °/3.2ft. 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 a base to create perfect eye catchers regardless of how many luminaires are used.

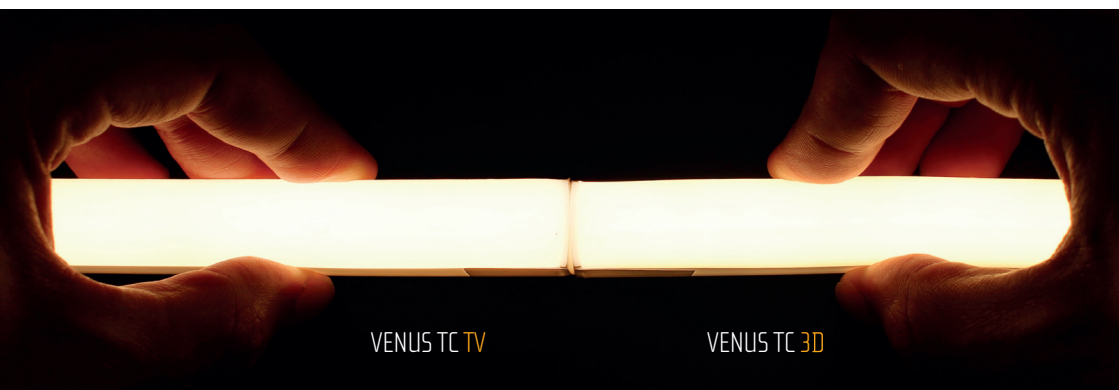


CONSISTENCY AND HOMOGENEITY ALL ALONG THE LINE

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

Additionally, VENUS TC TV and VENUS TC 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 a perfect continuity between two luminaires.

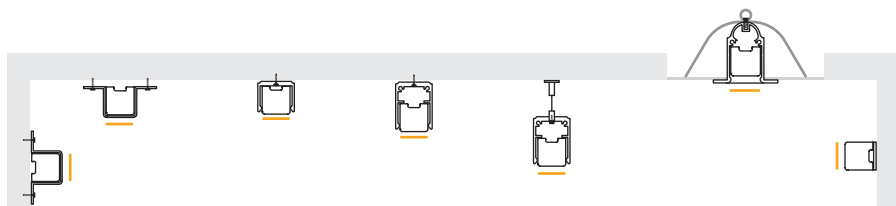


INNOVATIVE CABLE MANAGEMENT AND MOUNTING

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.



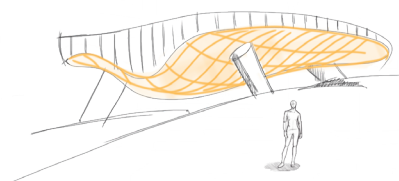
Together with a large selection of mounting accessories, VENUS True Color opens the door to new applications. 3 different types of mounting clips, 2 aluminum profiles white coated for surface mount, flexible channels for surface, pendant or recessed installation as well as a recessed profile, facilitate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



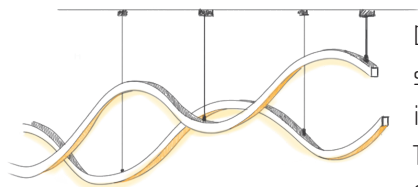
VARIANTS

The different mounting options of the product as recessed, surface, or pendant, offer an absolute creative freedom for linear lighting concepts.

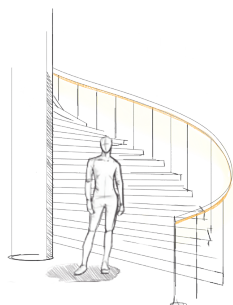
Example of applications



VENUS True Color embraces the shape of a façade and illuminates it homogeneously. The luminaire is either mounted directly onto the surface or slightly recessed to highlight the architectural detail.



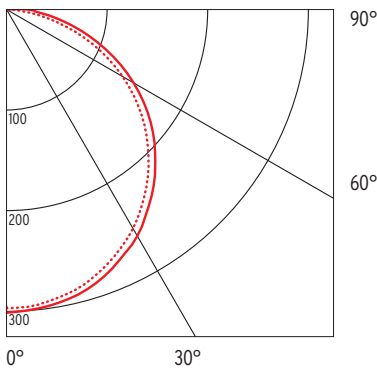
Decorative elements with curved shapes or sculptures can be turned into an eye-catcher with the fixture. Thanks to its flexibility VENUS True Color can be used in many ways to create unique designs.



With the VENUS True Color 3D it is possible to illuminate handrails of spiral staircases with a reliable product. It gives a smooth indirect light which can be used for decorative purposes as well as for orientation.

TECHNICAL DATA

- Lumen output up to 330 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 73 lm/W
- Available in white finish
- Lifetime 60,000 h L80/B10



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

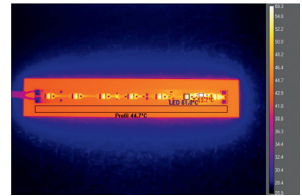
LIGHTING INNOVATIONS

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.

TjAway® Thermal Management

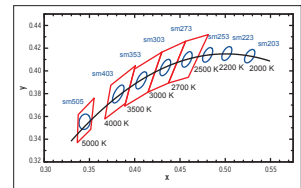
VENUS TC embeds the LED Linear™ Tj Away® technology which provides optimal heat dissipation of the LED to the housing profile. This enables the miniaturization of the luminaire's footprint while ensuring an extended lifetime compared to conventional LED technologies.



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

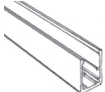
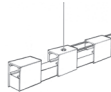

One Bin Only

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 MacAdam 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 ACCESSORIES

Item	Description
	Low Surface Mounting Clip & Channel Aluminum, surface mounting accessories. Available as 1" short clips, 6.5' and 13' long continuous mounting channel. Clips are recommended to use at most 12 inches apart. White finish.
	High Surface Mounting Clip & Channel Aluminum, surface mounting accessories with cable raceway underneath. Available as 1" short clips, 6.5' and 13' continuous mounting channel. Clips are recommended to use at most 12 inches apart. White finish.
	Clear Surface Holding Clamp Surface mounting clamp, fix to the surface with screws. UV stable transparent plastic material. Recommended to use at most every 18 inches. White finish.
	Flexible Pendant Mounting System Aluminum segmented system for curvatures, pendant set needed every three feet. White finish.
	Pendant Set Steel aircraft cable, available in two lengths. At least 2 pendant sets per 3' are required for flexible pendant channel (1000554).
	Recessed Mounting Channel Aluminum recessed mounting channel with pre-mounted mounting springs and decorative cover strips. Available as 6.5' and 13' lengths. White finish.
	Flexible Recessed Mounting System Flexible recessed mounting system with pre-mounted mounting springs and decorative cover strips. Use to create curved installations. White finish.
	End Caps End cap set (2 pieces) for recessed mounting channel. White finish.
	Adhesive Tape for Surface Mounting High quality adhesive tape, use to install the product on glossy or rough surfaces.

REFERENCES



A Enabling creativity



B Lighting organic forms



C The perfect eye catcher



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

