

LED LINEAR™

A Fagerhult Group Company

VENUS



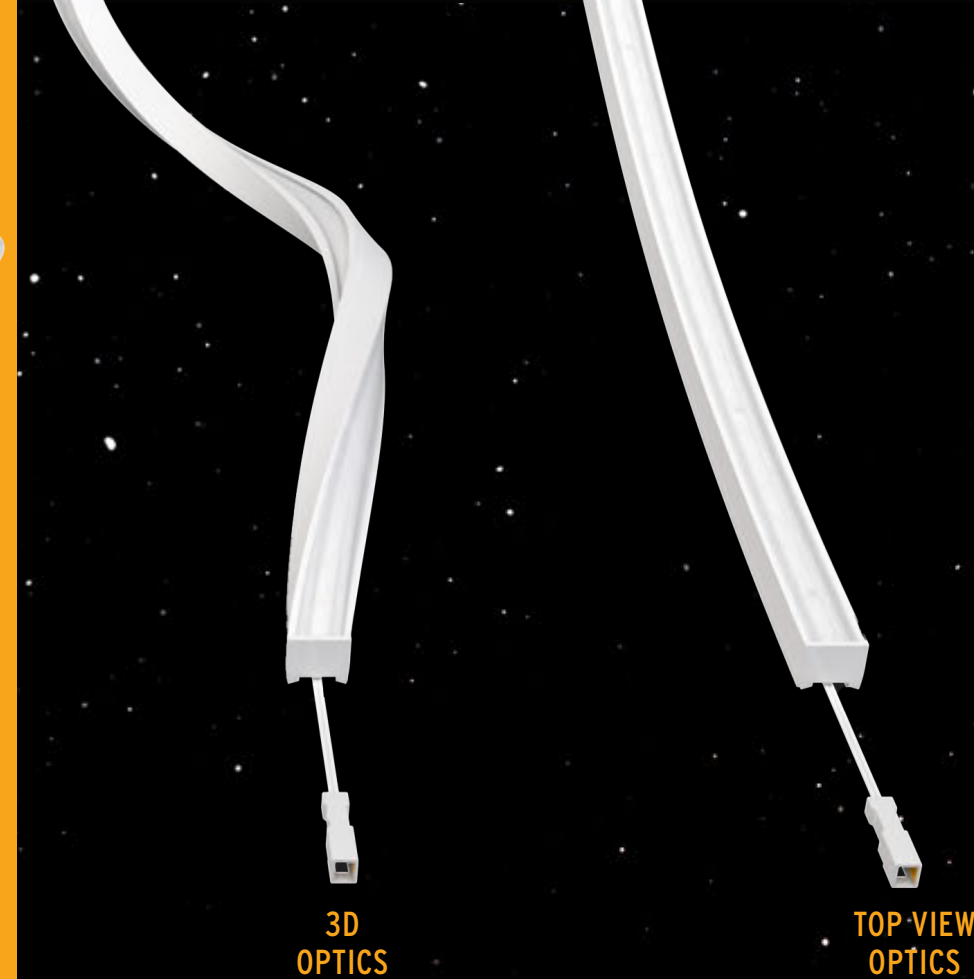
TRUE COLOR FAMILY

WHERE IMPOSSIBLE MEETS POSSIBLE



TOP VIEW  
OPAL

3D  
OPAL



3D  
OPTICS

TOP-VIEW  
OPTICS

NEW!

NEW!

# An Optical Achievement

## MEET VENUS TRUE COLOR

**VENUS True Color** is IP67-rated and tailored to harmonize with the natural and fluid forms of innovative architectural styles while resisting the elements.



DESIGN **PLUS**  
powered by **light+building**



### OPTICAL ADVANCEMENTS

There are 2 different light optics to choose from, covering elliptical light distribution with 20°, in addition to opal optics. With its unique lens technology, VENUS TC Optics offers homogeneous and precise light distribution without creating unwanted scallop effects (like with TIR lenses). These attributes ensure a dedication to minimizing light pollution while prioritizing the comfort and general well-being of users.

### TOTAL PROTECTION

With its IP67 protection rating and high-grade polyurethane encapsulation, VENUS TC is UV, salt water, and solvent resistant. The utilized polyurethane features a 5 times higher chemical resistance and a 10 times lower water absorption compared to typical silicones for LED applications in the relevant temperature range (-25°C to 50°C). This establishes VENUS TC as a reliable option for demanding external environments.

### SEAMLESS INTEGRATION

A comprehensive selection of innovative accessories facilitates effortless installation on various construction backgrounds (such as concrete, roughcast, etc.) in recessed, surface, or pendant luminaire configurations. Intelligent cable feed and special end cap design enables a seamless light line installation and complete overall system.

These features make the **VENUS TC** a truly distinctive lighting solution, perfectly suited for endless homogeneous curved light lines.



# TAKE VENUS TC WITH YOU

To match VENUS True Color Optics' perfect fixture-to-fixture continuity, we paired it with a suitably tranquil playlist that flows effortlessly from one song to the next. Its seamless light line installation and natural twisting design flow anywhere it is needed—integrating perfectly into organic architecture.



## KEY FEATURES

### LIGHT LINES SHAPED AT WILL

VENUS True Color provides an absolute freedom of design even in complex organic architectural concepts. Both versions are bendable with a minimal radius of 150 mm and twistable by 180°/m. Its elaborate design enables sophisticated bent forms without compromising light quality and homogeneity. The seamless bond between different VENUS TC luminaires can create a uniform and beautiful line of light for any architectural form.

### CONSISTENCY AND HOMOGENEITY

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

### ROBUSTNESS

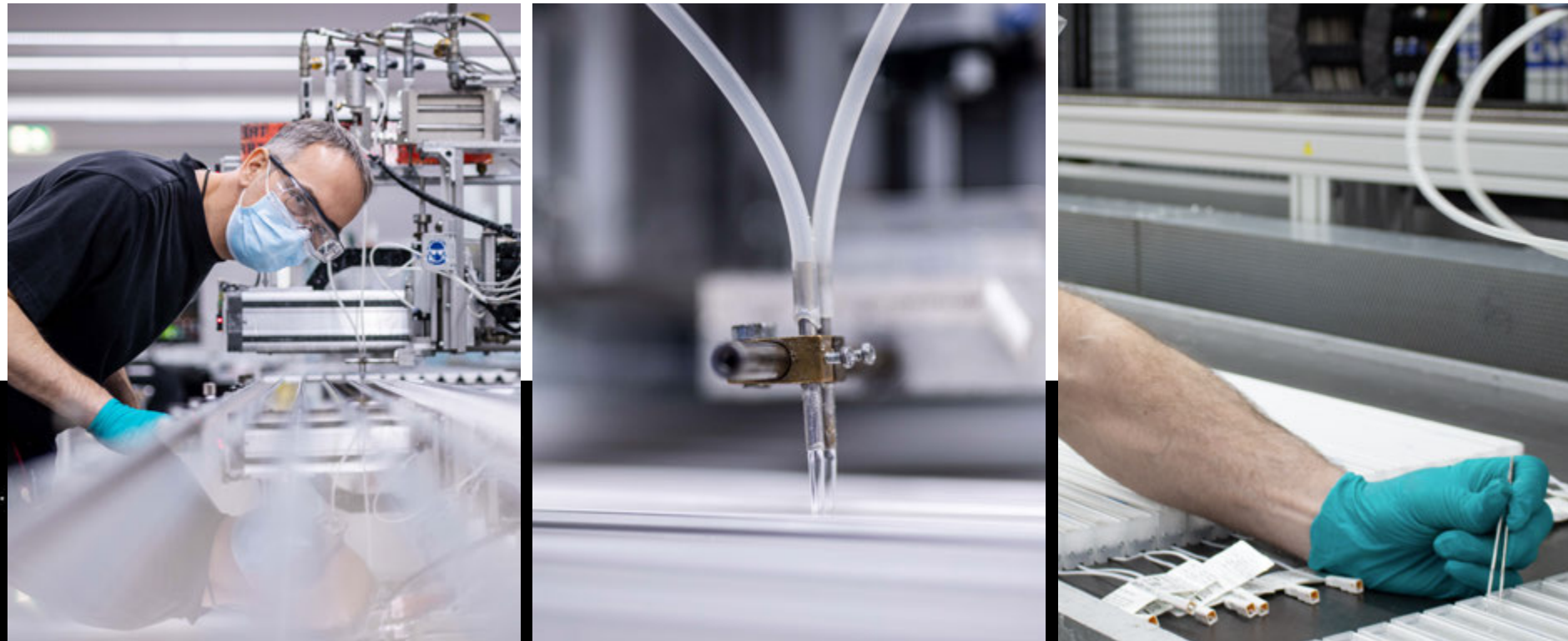
The IP67-protected VENUS TC with its polyurethane encapsulation ensures chemical resistance to salt water, UV light, and air-polluting substances.





# MASTER TECHNOLOGY ENCAPSULATION

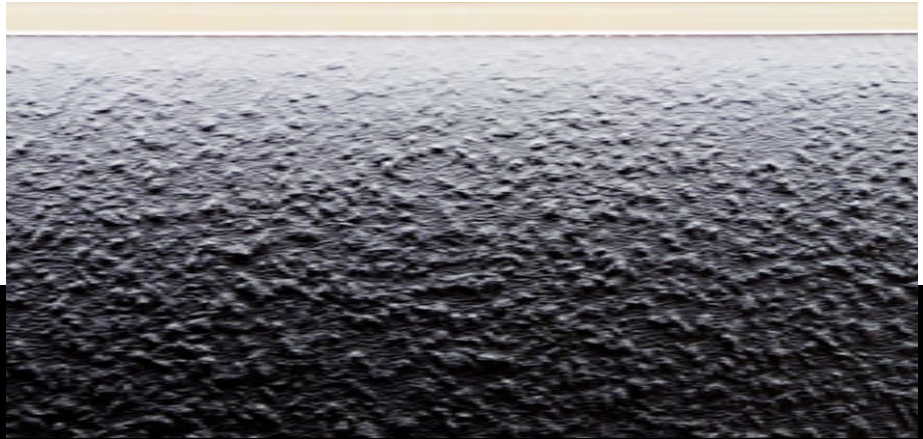
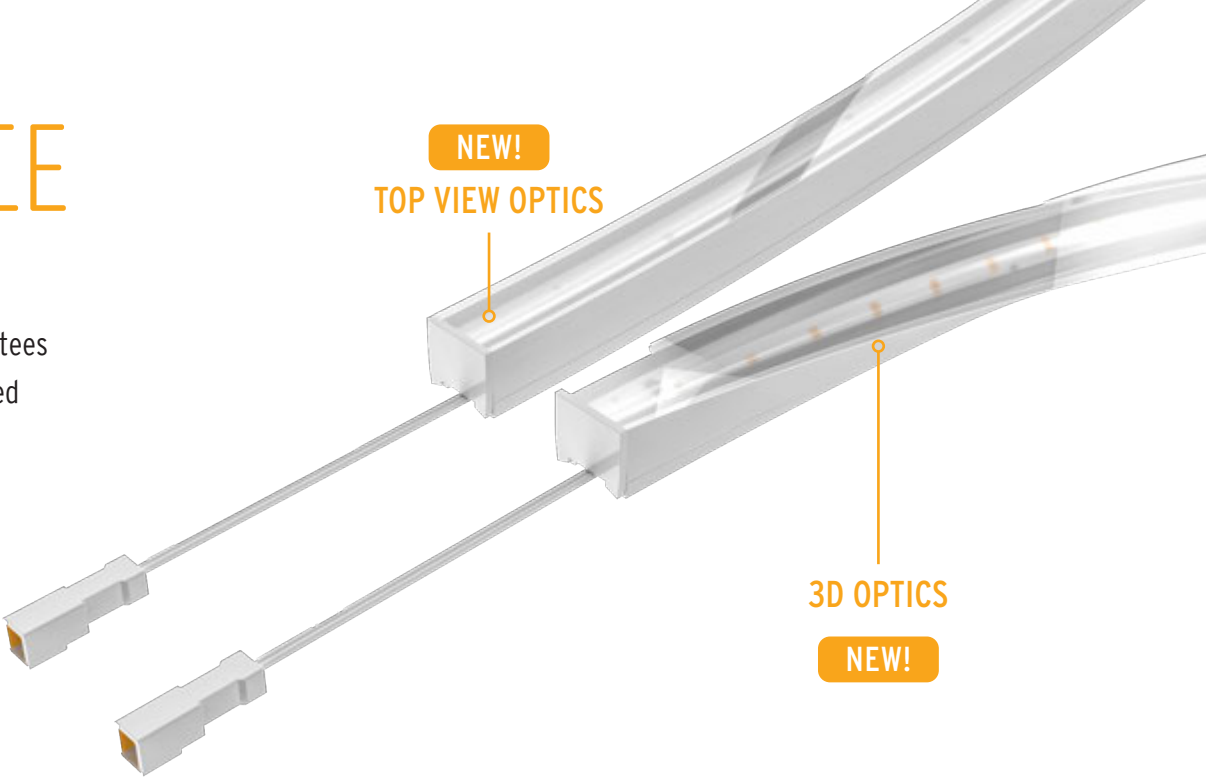
VENUS TC leverages future-forward encapsulation technology and excellent thermal dissipation, built to withstand the tests of time with a lifetime of over 60,000 hours. Its superior and rugged thermoplastic polyurethane (TPU) and polyurethane (PU) materials showed incredible UV resistance, with no signs of yellowing after 6 years of constant sun exposure. Additionally, its robust design makes it ideal for urban spaces, ensuring it will not falter under chemical stress from influences like car exhaust or salt mist.



# OPTICAL EXCELLENCE

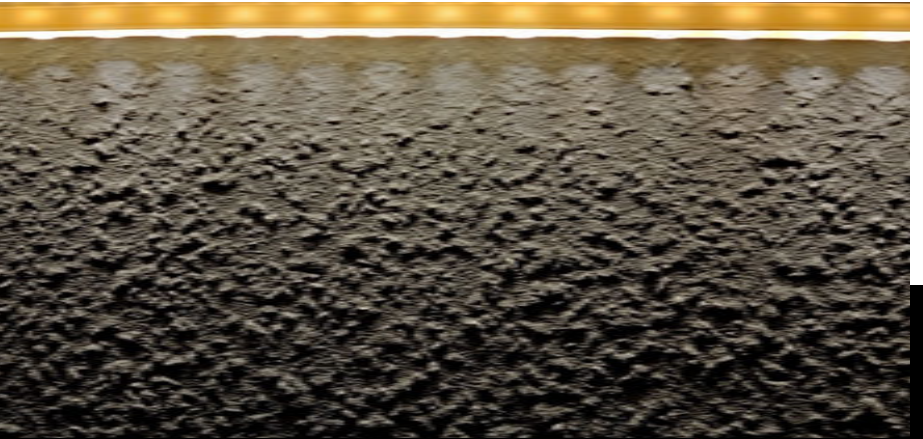
## AVOID SCALLOP EFFECTS

VENUS TC Optics embeds an advanced flexible linear lens. This guarantees continuous and uniform light distribution. The optics prevent unwanted scallop effects, often seen with traditional TIR lenses.



## VENUS TC OPTICS

No Scallop Effects



## COMPETITORS

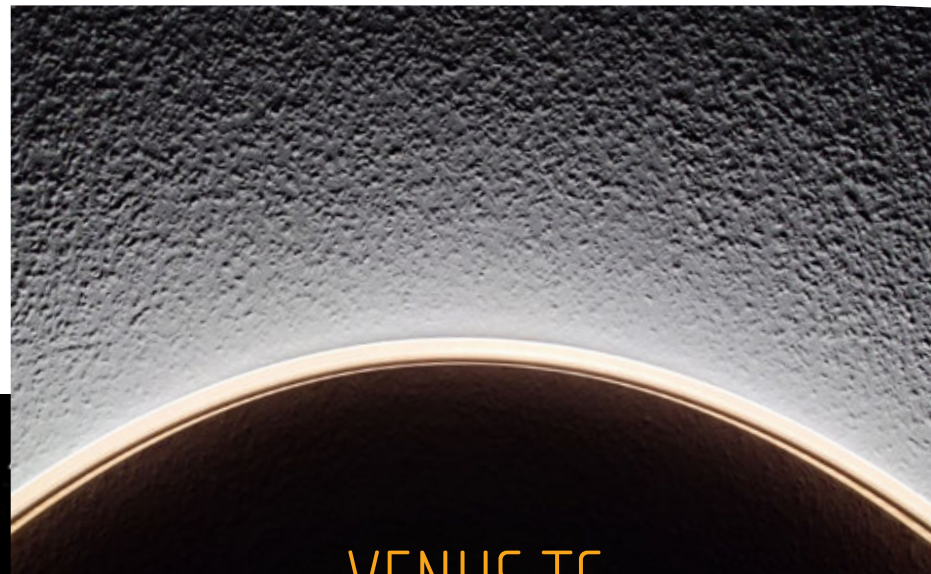
With Scallop Effects



# OPTICAL EXCELLENCE

## MINIMAL COLOR OVER ANGLE (COA)

Thanks to the uniquely developed linear lens and a Color over Angle of <65 K, the light is distributed in a uniform direction, ensuring a homogeneous color gradient with simultaneous uniformity in luminance for grazing.



VENUS TC  
OPTICS WITH MINIMAL CoA

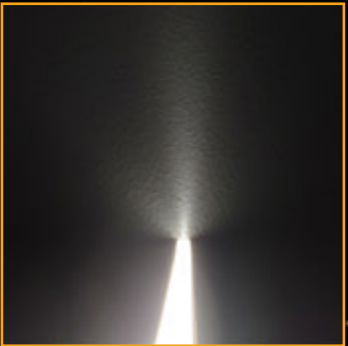


COMPETITOR  
PRODUCT WITH TIR LENSES (TOTAL INTERNAL REFLECTION LENSES)

# OPTICAL EXCELLENCE

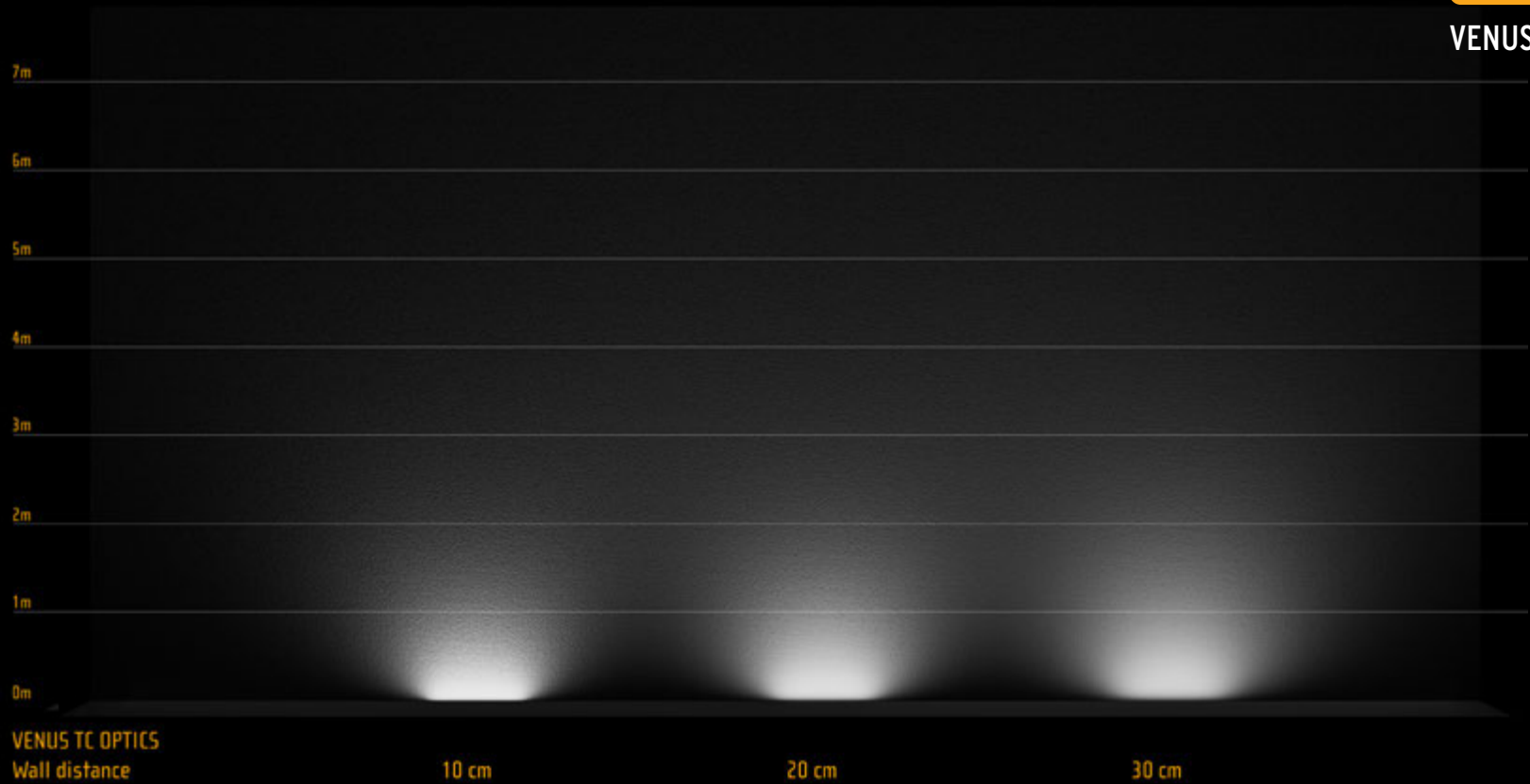
## PRECISION/EFFICACY

VENUS TC's linear-optics allow precise control of its light distribution while also maximizing its lumen output to provide crisp and uniform grazing up to 7 meters.



NEW!

VENUS TC OPTICS 20°

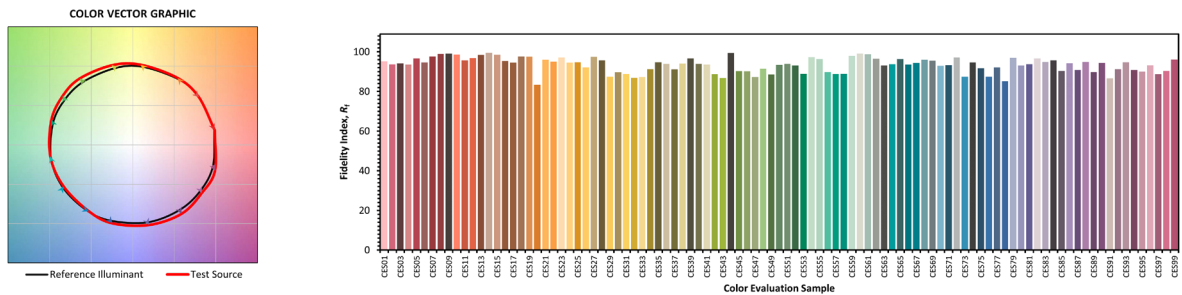




# COLOR RENDITION

CRI 96 R9 80 R<sub>f</sub> 93 R<sub>g</sub> 105

## COLOR RENDITION (@3,000 K)



## COLOR TEMPERATURES

2200 2500 2700 3000 3500 4000 5000



## LUMEN OUTPUT

OPTICS 20°

### Intensity

From 580 lm/m up to 1,520 lm/m @5,000K

### 3 Power Levels

6 W/m, 10 W/m and 15 W/m

OPAL

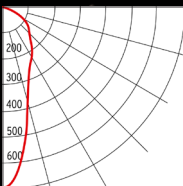
### Intensity

From 400 lm/m up to 1,105 lm/m @4,200K

### 3 Power Levels

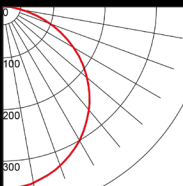
6 W/m, 10 W/m and 15 W/m

## OPTICS ELLIPTICAL



SPOT WIDE (20°)  
Color over Angle < 65 K

## OPAL

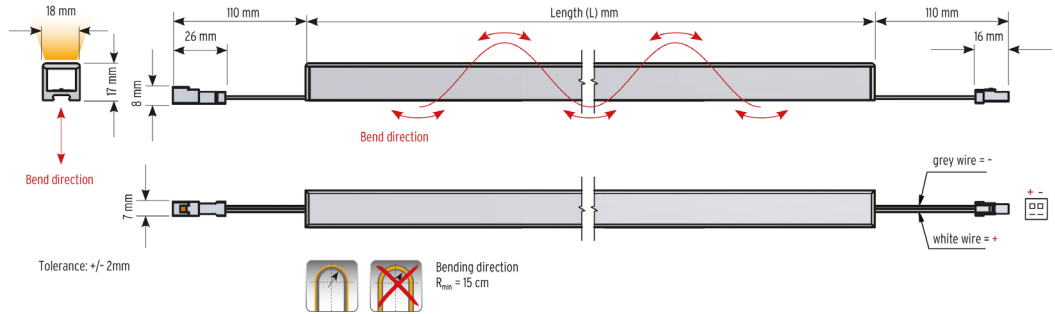


OPAL  
Color over Angle < 65 K

# DIMENSIONS

## TOP VIEW: OPAL AND OPTICS

Dimensions & Available Lengths

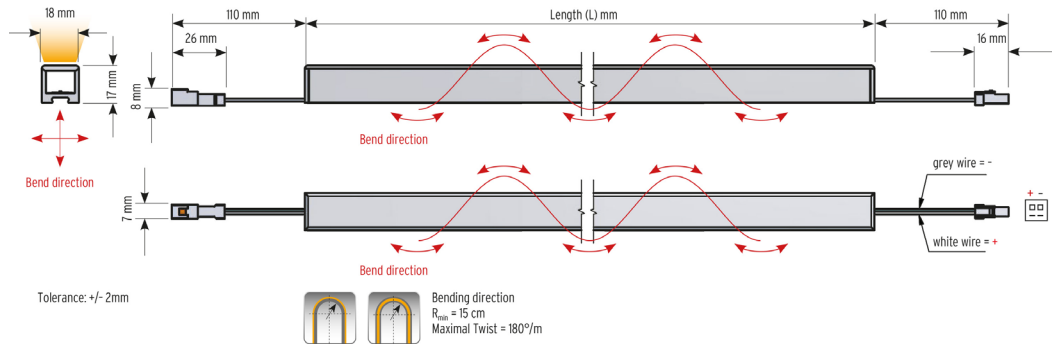


L = (N x 70mm) + 4mm; N=5...56; Lmin = 354mm; Lmax = 3924mm; Not Field Cuttable

## 3D: OPAL AND OPTICS

Dimensions & Available Lengths

VarioLED™ Flex VENUS True Color 3D IP67



L = (N x 70mm) + 4mm; N=7...28; Lmin = 494mm; Lmax = 1964mm; Not Field Cuttable

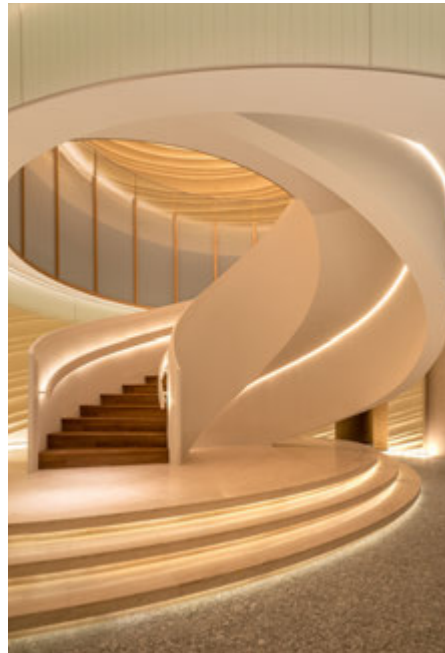


# APPLICATION OVERVIEW

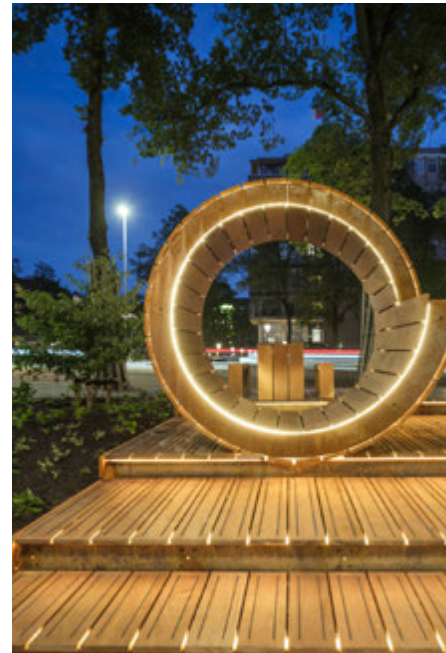
VENUS True Color specializes in celebrating organic, fluid, and unique architecture—effortlessly flowing with outdoor designs while highlighting their stylized shapes. Its stellar flexibility and overall versatility allow it to function as impressive facade lighting, orientation lighting, or accent lighting for a variety of structures. It naturally follows any design, highlighting the unique architecture of its subject without detracting any attention from it. Additionally, with its TC optics installed, it can provide a wonderfully subtle grazing effect when softer lighting and shadows are necessary.



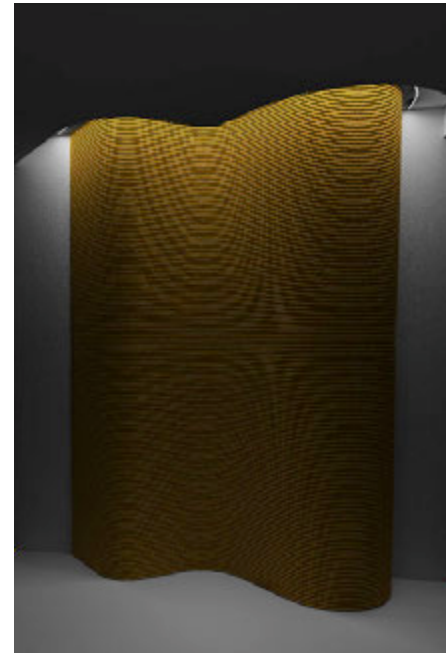
FACADE LIGHTING



ORIENTATION LIGHTING



ACCENT/DECORATIVE LIGHTING



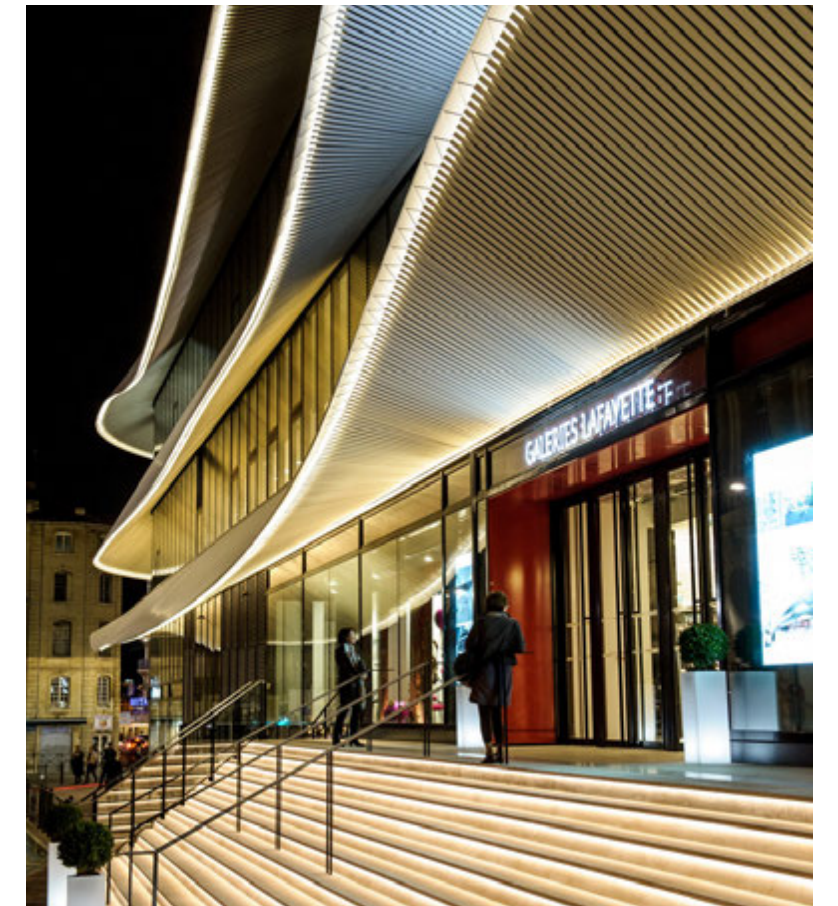
NEW! GRAZING (WITH VENUS TC OPTICS)

## FACADE LIGHTING

# GALERIES LAFAYETTE

● Marseille, France

The facade of the Galeries Lafayette Centre Bourse in Marseille, the brainchild of an architectural artist, is embellished with the delicate lighting provided by LED Linear and VENUS TC. The three distinct LED light lines emphasized the graceful and continuous movement along the edge of the exterior waves.



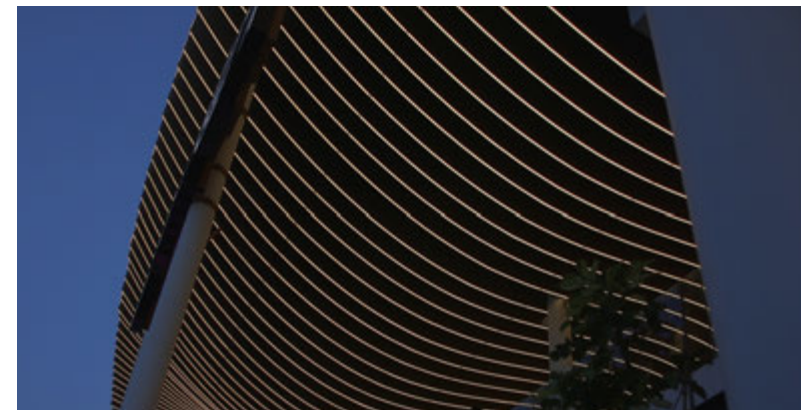


## FACADE LIGHTING

# EL SALER

● Valencia, Spain

The “El Saler” Shopping Center, located in Valencia, Spain, is a wonder of organic architecture—blending harmoniously with its surrounding urban landscape. The lighting solution provided in part by the VENUS TC family adapted to the natural and fluid structure, highlighting its splendid design.

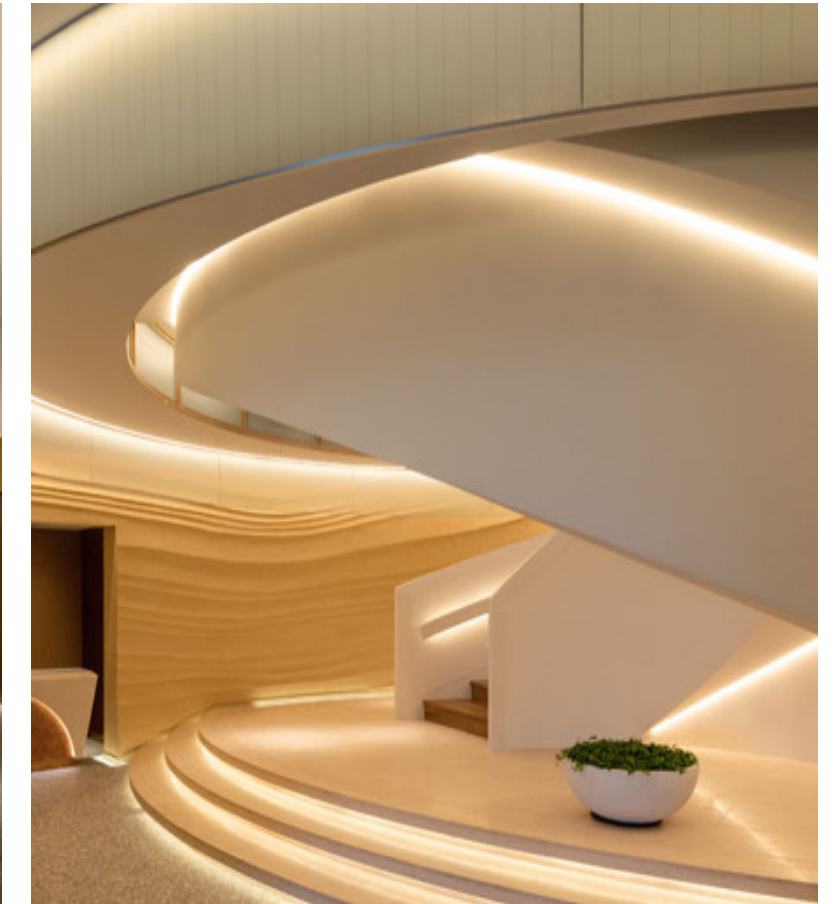


## ORIENTATION LIGHTING

# HOTEL INTERCONTINENTAL

● Yokohama, Japan

Luxury in architectural form, the Hotel InterContinental Yokohama Pier 8 allows guests to enjoy uninhibited views of the harbor that merge seamlessly into lively restaurants and bars. To captivate audiences instantly, LED Linear incorporated VENUS TC into the striking and curved staircase, gently guiding the guests to their luxurious future stay at the hotel.





## ORIENTATION LIGHTING

# GOVERNOR'S HOUSE

● London, United Kingdom

Governor's House in London, United Kingdom, a branch of Bryan Cave Leighton Paisner, wanted to delineate their eccentric and iconic central staircase. LED Linear's VENUS TC wove its way throughout the staircase to capture a homogenous line of light full of bends and curves. It was the only product capable of this specification to minimize the quantity of drivers.

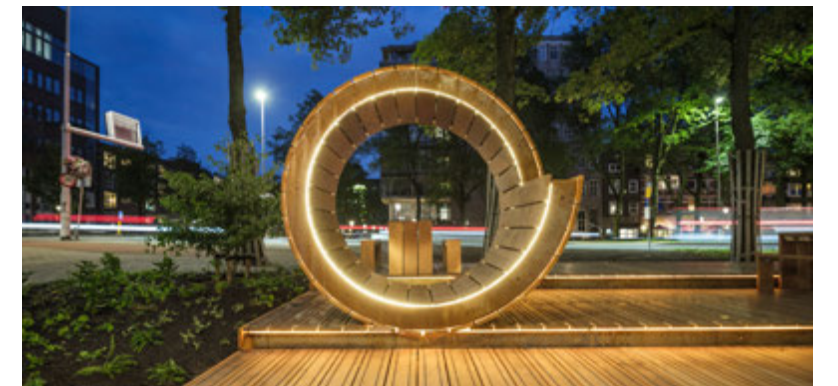


## ACCENT LIGHTING

# PEEL PLAZA

● Amsterdam, Netherlands

Peel Plaza is simultaneously a sculpture and a publicly accessible terrace in Amsterdam, Netherlands that creates the illusion of a wooden deck with peeled-off segments. VENUS True Color was utilized to highlight the intricate and twisting contours of the design, providing visitors with a unique and inviting urban experience.



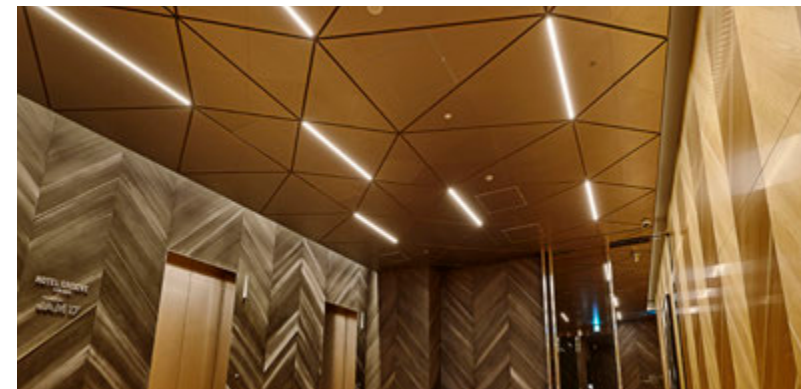


## ACCENT LIGHTING

# KABUKICHO TOWER

● Shinjuku, Tokyo

The Kabukicho Tower in Tokyo, Japan is a 48-story skyscraper with deliberately geometric architecture on the exterior and interior. To create a natural transition from the outside to the building's interior, VENUS TC was meticulously placed to highlight the stunning architecture without distracting from its natural beauty.



## ACCENT LIGHTING

# TOKYO MEDICAL UNIVERSITY HOSPITAL

● Shinjuku City, Tokyo

The Tokyo Medical University is a private university located in Shibuya, Tokyo, Japan that required a versatile and soft light to welcome students to the building. VENUS TC was installed below the reception counter, fitting perfectly into it while providing indirect, spotless light that underlines the room's clean structure.





## ACCENT LIGHTING

# GLOBAL ENERGY DRINK HEADQUARTERS

● Toronto, Canada



This Global Energy Drink Canadian Headquarters in Toronto wanted to highlight and illuminate the building's uniquely angular architecture. VENUS TC's incredible flexibility allowed for a seamless transition from floor-mounted to wall-mounted that accentuated the building's elaborate corridors.

## GRAZING LIGHTING VR EXPERIENCE

# EXPERIENCE THE GRAVITY OF VENUS TC FIRSTHAND

In our fully developed 3D environment, witness how VENUS TC's versatile flexibility improves its surroundings without demanding attention.



VENUS ARENA



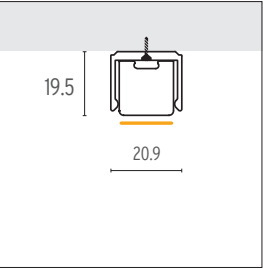



VENUS TOWER



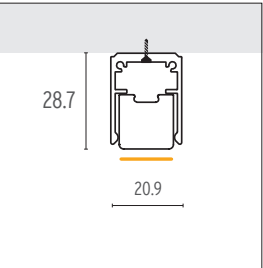


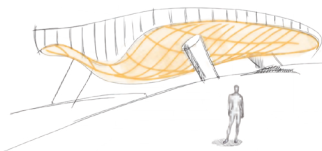


# MOUNTING OPTIONS

## 1. SURFACE-MOUNTED, CLIPS, AND PROFILE WITHOUT CABLE CHANNEL

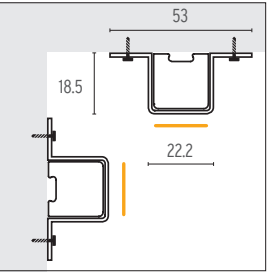


	MOUNTING ACCESSORIES	DESCRIPTION	APPLICATION EXAMPLE
	<div> VTC Surface Mounting Clip Low Art.-#: 13000277</div> <div> VTC Surface Mounting Channel Low Art.-#:10000552 (2 m) 10000552-4m (4 m)</div>	Robust aluminum extrusion painted in white available as profile or clips for surface mount.	

## 2. SURFACE-MOUNTED, CLIPS, AND PROFILE WITH CABLE CHANNEL

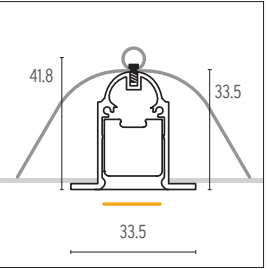



	MOUNTING ACCESSORIES	DESCRIPTION	
	<div> VTC Surface Mounting Clip High Art.-#: 13000278</div> <div> VTC Surface Mounting Channel High Art.-#:10000553 (2 m) 10000553-4m (4 m)</div>	Robust aluminum extrusion painted in white available as profile or clips for surface mount.	

\*All dimensions in mm.

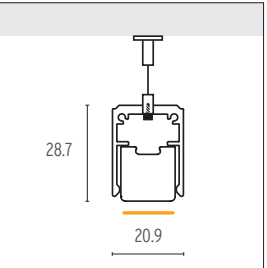




## 3. SURFACE-MOUNTED, VERTICAL/HORIZONTAL

	MOUNTING ACCESSORIES	DESCRIPTION	APPLICATION EXAMPLE
	<div> VTC Surface Holding Clamp Clear Art.-#: 13000279</div>	PVC casting clamp for surface mount.	

## 4. RECESSED

	MOUNTING ACCESSORIES	DESCRIPTION	APPLICATION EXAMPLE
	<div> VTC Recessed Profile (2 m Set) (With 3 x Mounting Spring &amp; Flexible Snap on Cover Strips) Art.-#:10000559 (2 m) 10000559-4m (4 m)</div> <div> VTC End Cap Recessed (Set of 2) Art.-#: 11000214</div>	Profile or clips with mounting springs can be installed directly into false ceiling.	

## 5. PENDANT

	MOUNTING ACCESSORIES	DESCRIPTION	
	<div> VTC Pendant Set for Flexible Pendant Profile (2 m Wire) Art.-#: 13000273</div> <div> VTC Flexible Pendant Channel Art.-#: 10000554</div>	<div> VTC Pendant Set for Flexible Pendant Profile (5 m Wire) Art.-#: 13000274</div> <div> VarioCANOPY Square Mounting set (optional) for pendant ceiling installations on concrete ceilings Art.-#: 16000347</div>	Pendant set with profile for installation directly on the ceiling. 2 m or 5 m suspension is cuttable on-site.

\*All dimensions in mm.



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A Fagerhult Group Company

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