



UNLIMITED

LIGHTING SOLUTIONS

Contour Lighting

CLEAR BY **UNLIMITED**
LIGHTING SOLUTIONS

FLEXGLO™

Contour Lighting

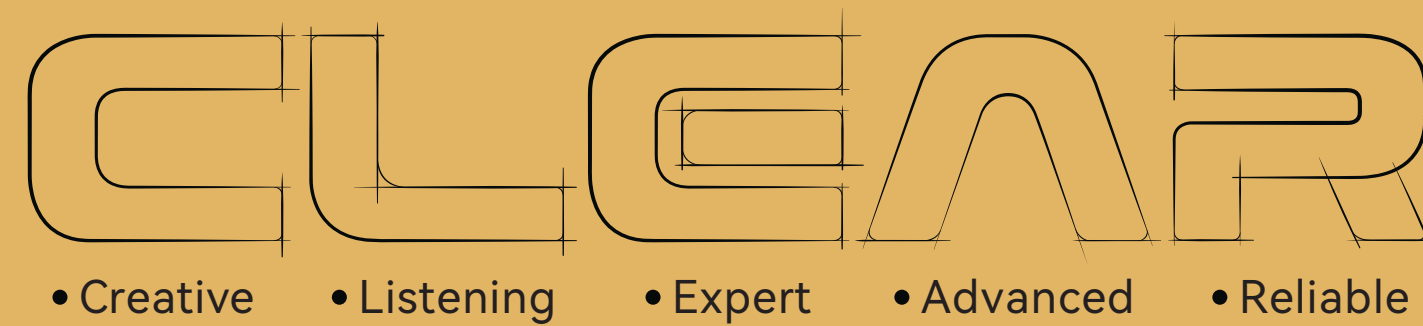
Do you want to illuminate the lines of your imagination? Do you want to accentuate architectural shapes or add new dimensions to an object, raising the atmosphere or experience to a higher level? Unlumed's contour lighting solutions know no limits – whether you need underwater lighting or façade lighting for extreme outdoor conditions.

Our FLEXGLO contour lighting products offer plenty of room to get creative: to increase their range of applications and create new lighting shapes, colors and even new light flows. Restrictions used to be based on the limits of the product, but now the only limit left is your imagination.

Subtle or extravagant? Static or dynamic? Accentuating or eye-catching? When it comes to the dimensions and effects that need light to come to life, the decision is yours!

100% monochromatic light output? Different shades of white? Color? Multicolor LED lines? Should it be suitable for indoor applications? Outdoor? Or underwater? Whatever application you think of, we will make it happen!

If we can not do it,
we shall say no!
If we make a promise,
we will carry it out!



HEARTS AND CRAFTS



ISO14001 • ISO9001

2002
DIP LED Rope



2003
DIP LED Neon Rope



2006
SMD LED String



2007
SMD LED Neon String



2010
FPCB LED Strip



2011
FPCB LED Neon



2016
Smallest Size FPCB Neon

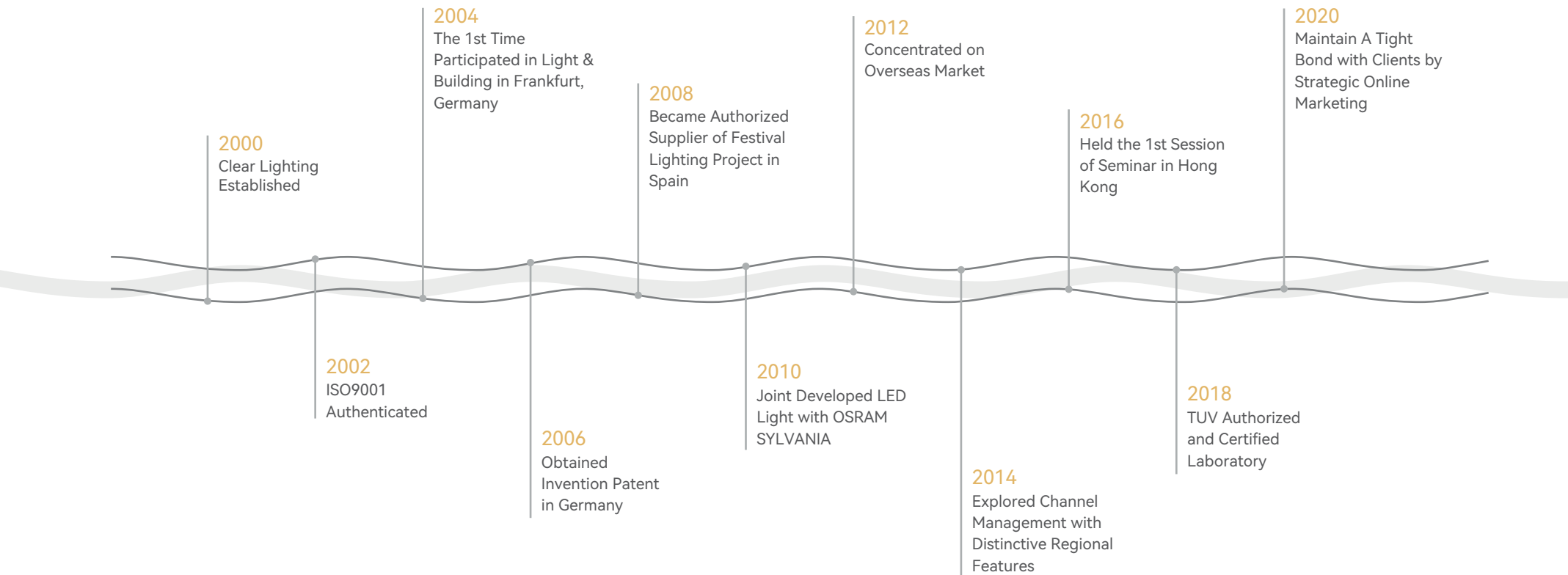


2017
FPCB LED Silicone Neon

Creative

Creative Spirit for Product Innovation

Over the last 21 years' evolving and embracing the idea that the development of a company is derived from its cultural value, CLEAR has cultivated a core value Hearts and Crafts, which inspires us to devote ourselves to innovation and serve customers wholeheartedly.



Listening

Active Listening Quick Response

Driven by the core values of Hearts and Crafts, we keep understanding our customers' needs, listening to their feedbacks, delivering products and solutions that exceed the most stringent standard, and have garnered industry-wide recognition for our customer-first approach.

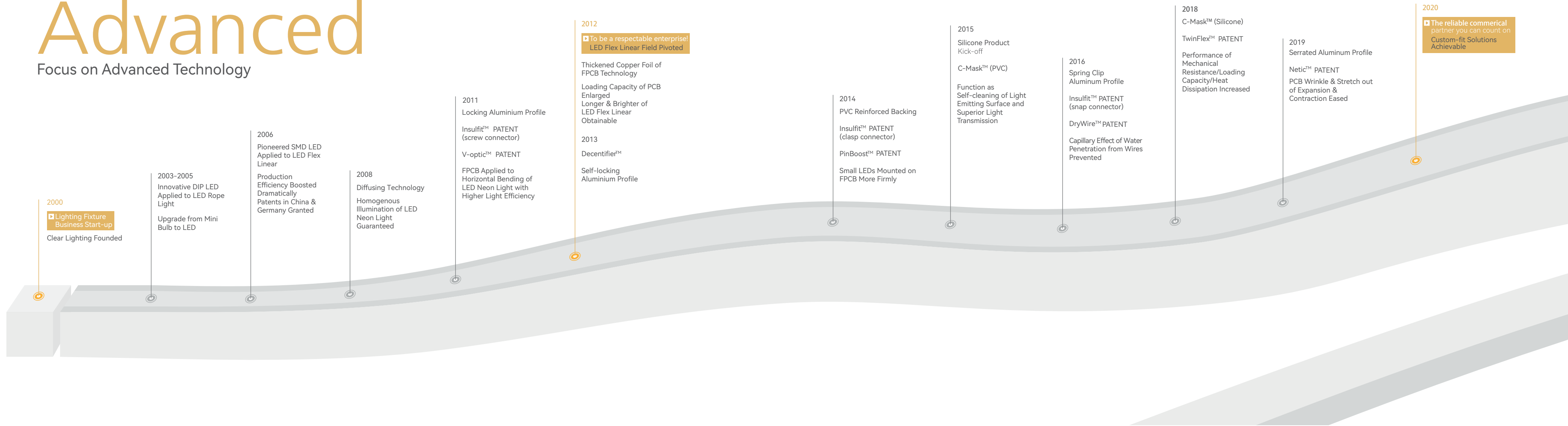
Expert

LED Flex Linear Lighting Expert



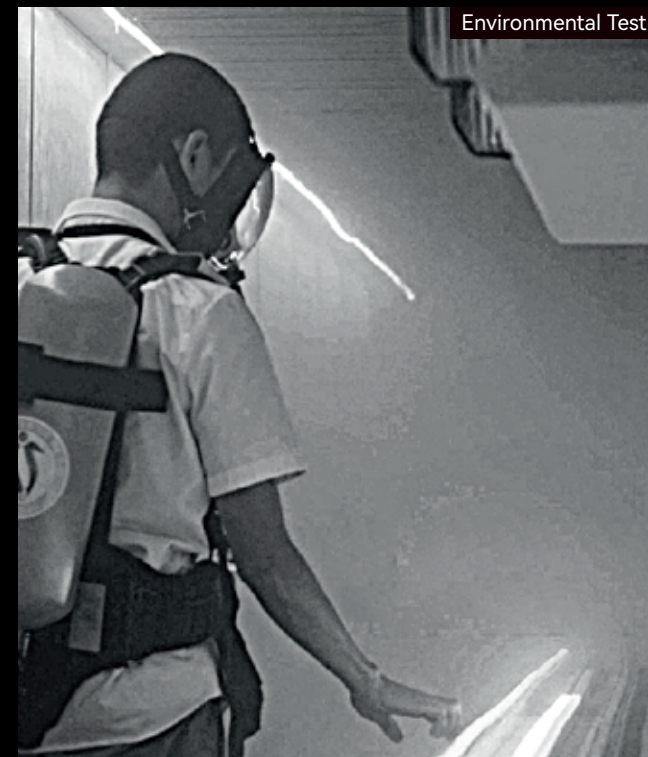
Advanced

Focus on Advanced Technology

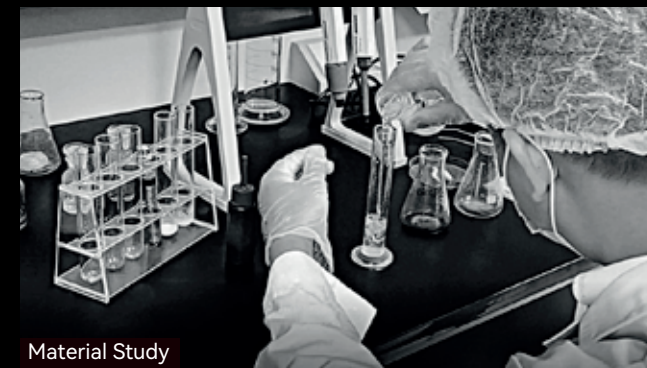


Test Object	Experiment Item	Test Standard
Light Source	Photoelectricity-Spectrum (integrating sphere)	CLEAR -defined
	Photoelectricity-ESD-2KV	CLEAR -defined
	Photoelectricity-High & low temperature shock (-40~100°C)	JELTA ED-4701 100 105
PCBA	Lifespan-Oven-xx°C aging	IES LM84, IES TM28
PCB	Tensile-Instantaneous destruction	CLEAR -defined
	Swing-PCB	CLEAR -defined
Diffuser Material	Intense UV	CLEAR -defined
	UV exposure @340nm & 55°C	CLEAR -defined
	Outdoor exposure	CLEAR -defined
	Flame resistant—UL94	UL94
Coating of Light and Mounting Profile	Intense UV	CLEAR -defined
	UV exposure + spray @340nm & 55°C	CLEAR -defined
	Oven 70°C	CLEAR -defined
	Weather Resistance-Salt spray	CLEAR -defined
Metal accessory and Mounting Profile	Weather Resistance-Salt spray	IEC 68-2-11
	Clamping force	CLEAR -defined

Test Object	Experiment Item	Test Standard
Waterproof Accessory	Waterproof-IPX5 / IPx7 / IPx8	CLEAR -defined
	Swing-extreme	CLEAR -defined
Finished Product	Photoelectricity-Spectrum (integrating sphere)	CLEAR -defined
	Photoelectricity-Photometric distribution (IES)	CLEAR -defined
	Photoelectricity-High & low temperature shock 40°C~60°C-PVC	CLEAR -defined
	Photoelectricity-High & low temperature shock-45°C~60°C-silicone	CLEAR -defined
	Temperature risen	UL 1598, IEC/EN 60598-1
	IK	IEC 62262
	Correct Bending-extreme	CLEAR -defined
	Twist-extreme	CLEAR -defined
	Tensile-Instantaneous destruction	CLEAR -defined
	Lifespan-Indoor aging	IES LM84, IES TM28
	Lifespan-45°C oven aging-PVC	IES LM84, IES TM28
Lifespan-55°C oven aging-silicone	IES LM84, IES TM28	
Lifespan-Outdoor exposure	IES LM84, IES TM28	



Environmental Test



Material Study



Line Quality Control



Incoming Quality Control

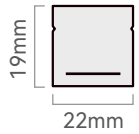
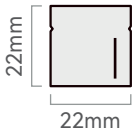
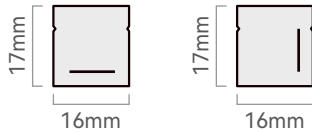
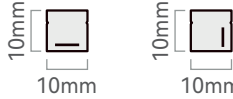


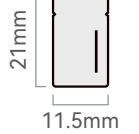
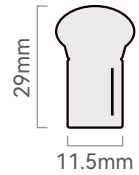
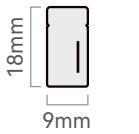

Outgoing Quality Control

Quality Inspection Standard
of Reliability

Reliable
The Reliable Commercial Partner You Can Count On





















Product Portfolio

Article No.	F2219	F2222	F22	F23
Sectional Dimension				
Lumen(3000K)	1000lm/m, 16.5W	800lm/m, 16.5W	800lm/m, 15W 600lm/m, 15W	440lm/m, 9W 420lm/m, 9W
Feature	<p>Flexglo™ F2219 is the product where innovative ideas come together.</p> <p>Defined by the dimension to highlight and facilitate product selection from the model that meets the design requirements for the facade that require a large luminous surface. As well as anti-UV, excellent thermal shock resistance, and IP68 water proof.</p> <p>To better fit the complex lighting design, DMX compatible and high gray level options are available, delivering rich color-changing effects.</p>	<p>Flexglo™ F2222 is the product where innovative ideas come together.</p> <p>For the first time, the dimension was clearly named in order to facilitate product selection from the model. Horizontal bending and meets the design requirements for the facade that require a large luminous surface, as well as anti-UV, excellent thermal shock resistance, and IP68 water proof.</p> <p>To better fit the complex lighting design, DMX compatible and high gray level options are available, delivering rich color-changing effects.</p>	<p>Flexglo™ F22 is well-known for its diversity.</p> <p>Optional horizontal and vertical bending; commonly used as façade lighting where high lumen output is required.</p> <p>DTW lighting creates appropriate ambient lighting for indoor or outdoor use without flickering or color discrepancy when dimmed.</p> <p>At a wide visual angle, three-emitting light is appropriate for handrails and artwork.</p> <p>Aquaglo™ F22, which has the same dimensions, is designed for underwater use and is UL676 certified.</p>	<p>Flexglo™ F23 is an exquisite combination of small size and usability.</p> <p>Although it is much easier to find smaller ones on the market, few can compete in terms of appearance, color consistency, heat dissipation, weatherproof, and average lifespan.</p> <p>It achieves a subtle balance to fit high-end design demand, backed by our extensive experience in the lighting industry.</p> <p>With yacht's having emerged as one of the most promising markets for its use, alongside retail and the landscape.</p>








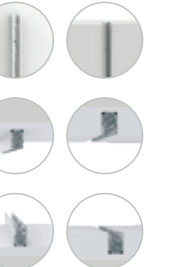
F15	F21	F10	F16
			
350lm/m, 12W	470lm/m, 12W	130lm/m, 4.5W	900lm/m, 12W
<p>Flexglo™ F15, the first generation of LED flex neon features the ground-breaking ClearTech V-Optic™ technology.</p> <p>Horizontal bending is more commonly used as contour lighting and indicator lighting.</p> <p>As the emitting surface is flat, it is suitable for recess installation, bringing a step closer to perfection in detail when equipped with the flange mounting profile.</p> <p>ClearTech, C-Mask™ and UV resistance prevents lumen decay and staining, adding long-lasting radiance.</p>	<p>Flexglo™ F21, the one and only within the array of products that's boldly dome shaped, while radiating at a beam angle up to 160° (50%).</p> <p>A refined classic neon appearance that offers the opportunity to be used for cove and accent lighting enhancing the ambiance with everlasting aesthetic.</p> <p>The colorful jacket is ideal for stage lighting, while the gray or black jacket is ideal for wall and ceiling lighting to blend in with the surroundings when the light is turned off.</p> <p>Female and male connectors are optional for ease of installation.</p>	<p>Flexglo™ F10 is an architectural-grade LED flex linear as well.</p> <p>The next generation lighting solution, encapsulated in a narrow lighting chamber that offers a bright illumination especially when used to highlight a minimalist design.</p> <p>The low wattage meets the demand of ERP and LPD, aiming to minimize light pollution and comply with the modern design intent.</p>	<p>Flexglo™ F16 is the only visible hot spot LED flex linear in the product series.</p> <p>Light is distributed evenly and brightly, making it ideal for indirect lighting. The ability to run for up to 60 meters saves money on the power supply and wiring.</p> <p>ClearTech TwinFlex™ and PinBoost™ increasing the robustness and allowing it to be used outside on its own. When placed in a mounting profile and silicone diffuser, a neon effect can be achieved.</p> <p>To complement the background, you can choose between black, white, or transparent jacket colors.</p>

- B=Monochrome
 - CRI 80 CRI 90 CRI 95
 - 2200K 2700K 3000K 3000K 3000K
 - 3500K 3500K
 - 4000K 4000K
 - 5700K
- Red 618-624nm
- Green 522-528nm
- Blue 468-474nm
- Amber 588-594nm
- D=Dynamic White
 - CRI 80
 - 2200~5700K
- ● ● A=RGB
 - RGB
- ● ● E=RGBW
 - CRI 80
 - RGBW(27)
 - RGBW(30)
 - RGBW(40)
- ● ● ● S=Pixel light

Connector

Name	Swivel Connector	Sleeve Connector	Socket Connector	Snap Connector	Silicone Injection-moulded Connector
Picture					
IP Rating	IP20	IP40	IP67	IP67	IP68
Feature	Mini Size Tool-less Omni-directional Cable	Tool-less	Mini Size Tool-less Drywire™ Insulfit™	Tool-less Drywire™ Insulfit™	Seamless Joint Precise Dimension Exclusive Formulation Branded Raw Material Drywire™
Application	Indoor and Dry Environments	Indoor and Dry Environments	Outdoor and Wet Environments	Outdoor and Wet Environments	Intense UV Wet Environment High-low Temperature Intense Humidity
Cable Type	B  18AWG*2	B  18AWG*2 D/S(SPI)  18AWG*3 A  22AWG*3 20AWG*1	B  18AWG*2 D/S(SPI)  18AWG*3 A  22AWG*3 20AWG*1	B  18AWG*2 D/S(SPI)  18AWG*3 A  22AWG*3 20AWG*1	B  18AWG*2 A  22AWG*3 20AWG*1 E  22AWG*4 20AWG*1 D/S(SPI)  18AWG*3 S(DMX)  22AWG*3 20AWG*2

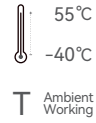
Mounting Profile

Name	Aluminum Profile	Flange Aluminum Profile	Serrated Aluminum Profile	Flange Serrated Aluminum Profile	Bendable Serrated Aluminum Profile	Thickened Plastic Profile	Stainless Steel Profile
Picture							
Item Code	A/PL	FA/PL	SA/PL	FSA/PL	BSA/PL	TP/PL	SS/PL
Length (mm)	35, 500, 1000, 2000	35, 500, 1000, 2000	20, 500, 1000, 2000	20, 500, 1000, 2000	500, 1000	35, 500, 1000, 2000	35
Applicable to							

F2219 Vertical Bending (Silicone)

ANTI
Yellowing

ANSI
C 78.377

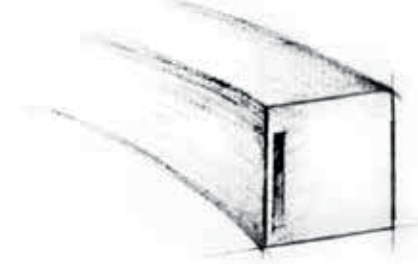
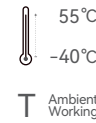


W22H19

Horizontal Bending (Silicone) F2222

ANTI
Yellowing

ANSI
C 78.377



W22H22

Article No.	SFR-F2219B	SFR-F2219B	SFR-F2219D	SFR-F2219A	SFR-F2219E	SFR-F2219S6	SFR-F2219S6	SFR-F2219S6	SFR-F2219S6
Light Color									
Voltage & Circuit Type	24CC	24CC	24CV	24CV	24CV	24CC	24CC	24CC	24CC
Power/m	12W	16.5W	12W	12W	15W	15W	12W	12W	15W
Lumen/m (3000K)	720lm	1000lm	/	/	/	/	/	/	/
Min. Cutting Length(mm)	83.3	50	83.3	83.3	83.3	166.7	166.7	166.7	166.7
Max. Running Length(m)	15	10	15	15	8	8	10	10	8

IP Rating	IP68
Connector Type	Silicone Injection-moulded Connector
Top Feed	V
Side Feed	V
Bottom Feed	V
End Cap	V
Applicable to	B/D/A/E/S

Article No.	SFR-F2222B	SFR-F2222B	SFR-F2222D	SFR-F2222A	SFR-F2222E	SFR-F2222S6	SFR-F2222S6	SFR-F2222S6	SFR-F2222S6
Light Color									
Voltage & Circuit Type	24CC	24CC	24CV	24CV	24CV	24CC	24CC	24CC	24CC
Power/m	12W	16.5W	12W	12W	15W	15W	12W	12W	15W
Lumen/m (3000K)	580lm	800lm	/	/	/	/	/	/	/
Min. Cutting Length(mm)	83.3	50	83.3	83.3	83.3	166	166.7	166.7	166.7
Max. Running Length(m)	15	10	15	15	8	8	10	10	8

IP Rating	IP68
Connector Type	Silicone Injection-moulded Connector
Top Feed	V
Side Feed	V
Bottom Feed	V
End Cap	V
Applicable to	B/D/A/E/S

E-CATALOG



E-CATALOG



F22 Vertical Bending (Silicone)

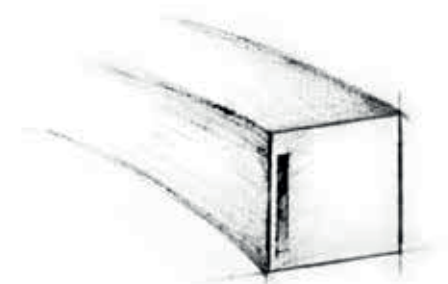
- ANTI Yellowing
- ANSI C 78.377
- SDCM 3
- 55°C / -40°C Ambient Working
- Ø400mm Min. Bending
- 5 year Warranty



W16H17

Horizontal Bending (Silicone) F22

- ANTI Yellowing
- ANSI C 78.377
- SDCM 3
- 55°C / -40°C Ambient Working
- Ø300mm Min. Bending
- 5 year Warranty



W16H17

Article No.	SFR-F22B	SFR-F22B	SFR-F22B	SFR-F22B	SFR-F22B	SFR-F22D	SFR-F22A	SFR-F22E	SFR-F22S12	SFR-F22S10	SFR-F22S12	SFR-F22S12
Light Color												
Voltage & Circuit Type	24CC	24CC	24CC	24CC	24CC	24CV	24CV	24CV	24CC	24CC	24CC	24CC
Power/m	8W	6W	9W	12W	15W	12W	12W	15W	12W	10W	16.5W	22W
Lumen/m (3000K)	/	280lm	420lm	565lm	700lm	/	/	/	/	/	/	/
Min. Cutting Length(mm)	83.3	55.6	55.6	55.6	55.6	83.3	83.3	83.3	83.3	100	83.3	83.3
Max. Running Length(m)	20	30	18	15	10	15	10	8	15	15	10	8

Article No.	SFR-F22B	SFR-F22B	SFR-F22B	SFR-F22B	SFR-F22B	SFR-F22D	SFR-F22A	SFR-F22S12	SFR-F22S10	SFR-F22S12	SFR-F22S12
Light Color											
Voltage & Circuit Type	24CC	24CC	24CC	24CC	24CC	24CV	24CV	24CC	24CC	24CC	24CC
Power/m	8W	6W	9W	12W	15W	12W	12W	12W	10W	16.5W	22W
Lumen/m (3000K)	/	235lm	350lm	470lm	600lm	/	/	/	/	/	/
Min. Cutting Length(mm)	83.3	55.6	55.6	55.6	55.6	83.3	83.3	83.3	100	83.3	83.3
Max. Running Length(m)	20	30	18	15	10	15	10	15	15	10	8

IP Rating	IP20	IP67	IP67	IP68
Connector Type	Swivel Connector	Socket Connector	Snap Connector	Silicone Injection-moulded Connector
Top Feed	V	V	V	V
Side Feed			V	V
Bottom Feed			V	V
End Cap	V	V	V	V
Applicable to	B	B	B	B/D/A/E/S

IP Rating	IP20	IP67	IP67	IP68
Connector Type	Swivel Connector	Socket Connector	Snap Connector	Silicone Injection-moulded Connector
Top Feed	V	V	V	V
Side Feed			V	V
Bottom Feed			V	V
End Cap	V	V	V	V
Applicable to	B	B/D/S	B/D/S	B/D/A/S

E-CATALOG

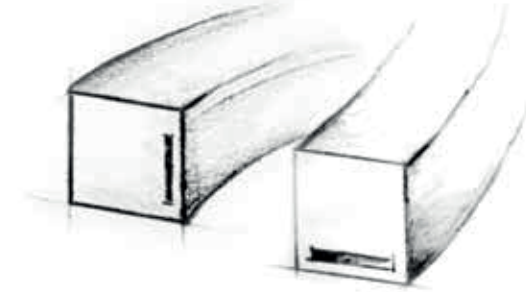


E-CATALOG



F23 (Silicone)

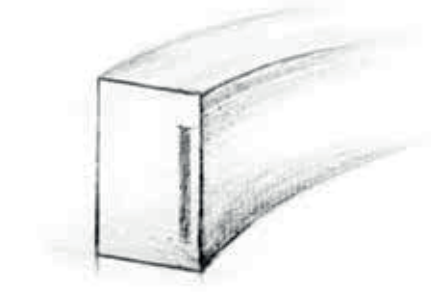
- ANTI Yellowing
- ANSI C 78.377
- MINI
- SDCM 3
- 55°C / -40°C Ambient Working
- Ø100mm Min. Bending
- 5 year Warranty



W10H10

Horizontal Bending (Silicone) F15

- ANTI Yellowing
- ANSI C 78.377
- SDCM 3
- 55°C / -40°C Ambient Working
- Ø120mm Min. Bending
- 5 year Warranty



W11.5H21

Article No.	SFR-F23B-VB	SFR-F23B-VB	SFR-F23B-HB	SFR-F23B-HB
Light Color				
Voltage & Circuit Type	24CV	24CV	24CV	24CV
Power/m	4.5W	9W	4.5W	9W
Lumen/m (3000K)	220lm	440lm	220lm	440lm
Min. Cutting Length(mm)	83.3	83.3	83.3	83.3
Max. Running Length(m)	15	7.5	15	7.5

IP Rating	IP20	IP65	IP65	IP67
Connector Type	Swivel Connector	Socket Connector	Snap Connector	Silicone Injection-moulded Connector
Top Feed	V	V	V	V
Side Feed			V	V
Bottom Feed			V	V
End Cap	V	V	V	V
Applicable to	B	B	B	B

E-CATALOG



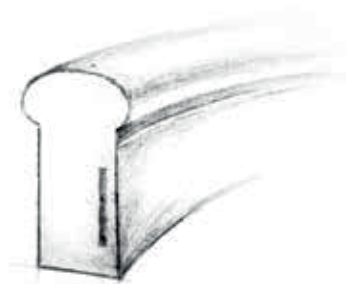
Article No.	SFR-F15B	SFR-F15B	SFR-F15B	SFR-F15B	SFR-F15D	SFR-F15A	SFR-F15E	SFR-F15S6	SFR-F15S6	SFR-F15S6	SFR-F15S6
Light Color											
Voltage & Circuit Type	24CC	24CC	24CC	24CC	24CV	24CV	24CV	24CC	24CC	24CC	24CC
Power/m	8W	6W	9W	12W	12W	12W	15W	15W	12W	12W	15W
Lumen/m (3000K)	/	170lm	260lm	340lm	/	/	/	/	/	/	/
Min. Cutting Length(mm)	125	83.3	83.3	83.3	83.3	100	100	166.7	166.7	166.7	166.7
Max. Running Length(m)	20	30	18	15	15	10	8	15	15	15	10

IP Rating	IP20	IP40	IP67	IP67	IP68
Connector Type	Swivel Connector	Sleeve Connector	Socket Connector	Snap Connector	Silicone Injection-moulded Connector
Top Feed	V	V	V	V	V
Side Feed				V	V
Bottom Feed				V	V
End Cap	V	V	V	V	V
Applicable to	B	B/D/A/E/S	B/D/A	B/D/A/E/S	B/D/A/E/S

E-CATALOG



F21 Horizontal Bending (Silicone)



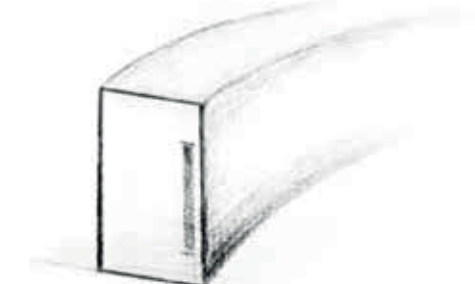
W11.5H29

ANTI Yellowing	ANSI C 78.377	3 SDCM	55°C -40°C T Ambient Working	Ø120mm Min. Bending	5 year Warranty
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Article No.	SFR-F21B	SFR-F21B	SFR-F21B	SFR-F21B	SFR-F21D	SFR-F21A	SFR-F21E	SFR-F21S6	SFR-F21S6	SFR-F21S6	SFR-F21S6
Light Color											
Voltage & Circuit Type	24CC	24CC	24CC	24CC	24CV	24CV	24CV	24CC	24CC	24CC	24CC
Power/m	8W	6W	9W	12W	12W	12W	15W	15W	12W	12W	15W
Lumen/m (3000K)	/	235lm	350lm	470lm	/	/	/	/	/	/	/
Min. Cutting Length(mm)	125	83.3	83.3	83.3	83.3	100	100	166.7	166.7	166.7	166.7
Max. Running Length(m)	20	30	18	15	15	10	8	15	15	15	10

IP Rating	IP20	IP40	IP67	IP67	IP68
Connector Type	Swivel Connector	Swivel Connector	Socket Connector	Snap Connector	Silicone Injection-moulded Connector
Top Feed	V	V	V	V	V
Side Feed				V	V
Bottom Feed				V	V
End Cap	V	V	V	V	V
Applicable to	B	B/D/A/E/S	B/D/A	B/D/A/E/S	B/D/A/E/S

E-CATALOG



W9H18

Horizontal Bending (Silicone) F10

ANTI Yellowing	ANSI C 78.377	3 SDCM	55°C -40°C T Ambient Working	Ø90mm Min. Bending	5 year Warranty
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Article No.	SFR-F10B	SFR-F10B
Light Color		
Voltage & Circuit Type	24CC	24CC
Power/m	3.5W	4.5W
Lumen/m (3000K)	/	130lm
Min. Cutting Length(mm)	125	83.3
Max. Running Length(m)	30	30

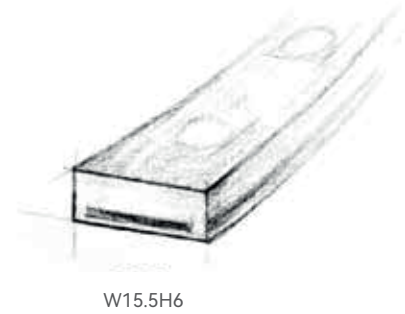
IP Rating	IP20	IP67	IP65	IP68
Connector Type	Swivel Connector	Socket Connector	Snap Connector	Silicone Injection-moulded Connector
Top Feed	V	V	V	V
Side Feed			V	V
Bottom Feed			V	V
End Cap	V	V	V	V
Applicable to	B	B	B	B

E-CATALOG



F16 Vertical Bending (Silicone)

ANTI Yellowing	ANSI C 78.377	3 SDCM	55°C -40°C T Ambient Working	Ø120mm Min. Bending	5 year Warranty
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Article No.	SFR-F16B	SFR-F16B	SFR-F16B	SFR-F16D	SFR-F16A	SFR-F16A	SFR-F16E	SFR-F16S8	SFR-F16S10	SFR-F16S8	SFR-F16S8
Light Color											
Voltage & Circuit Type	24CC	24CC	24CC	24CV	24CV	24CV	24CV	24CC	24CC	24CC	24CC
Power/m	8W	6W	12W	12W	6W	12W	15W	12W	10W	12W	15W
Lumen/m (3000K)	/	450lm	900lm	/	/	/	/	/	/	/	/
Min. Cutting Length(mm)	125	166.7	83.3	83.3	100	100	100	125	100	125	125
Max. Running Length(m)	20	30	15	15	20	10	8	15	15	15	10

IP Rating	IP40	IP67	IP67
Connector Type	Sleeve Connector	Snap Connector	Silicone Injection-moulded Connector
Top Feed	V	V	V
Side Feed		V	V
Bottom Feed		V	V
End Cap	V	V	V
Applicable to	B/D/A/S	B/D/A/S	B/D/A/E/S

E-CATALOG



Architectural Grade Lighting

Provide custom-fit Lighting Solutions for Niche Markets



An eco-friendly and safe aesthetic are the benchmarks for lighting design in public area. None of which are to be neglected.

Flexglo™ series meets the demand of ERP. Aiming for less light pollution and brings distinctive visual effects presented by an enhanced choice of color, wattage and dimensions that blend to the original buildings with minimum destruction. Having passed IK08 impact test and 3G vibration test, in which ClearTech Pinboost™ make LEDs secure and sturdy on PCB. The ability to self-clean, IP68 waterproof and anti-UV protection prolongs the longevity and sustainability to harsh weather. In area such as mining tunnels and gas stations, TUV flame-retardant and corrosion-resistant are required where parts of them are even compliant with the Atex certificate.



Bridge Tunnel

Recommended Products

FlexGlo™ F10 / F15 / F22



An extravagant lighting solution, enhances supreme residential tranquility for the luxury marine sector. The requirements to cater for a multitude of interior and exterior based projects on yachts can be a challenge considering the environment.

The symbiosis of design and light for yacht, with the Flexglo™ series is thanks to the liquid injection molding and the ultrashort unit that can be cut. Blending the aesthetic appeal becomes more precise with the option of the bending directions, custom lengths and lighting colors. Incorporating the light into narrow spaces such as a deck, wheel-house or state room accentuates special features. What truly make it impressive is it's salt-resistant, IP68 rated and ClearTech DryWire™ that can further prevent water or vapor from draining into the wire effectively. An all-around protection brings lower maintenance costs as the light is glare-free, no dark spots, CRI90+and has a dimming function allowing you to shift shades.

Land Scape

Recommended Products
FlexGlo™ F22/ F23



Durability and safety are key factors for underwater lighting, considering hydraulic pressure it will bear and the electrical conductivity of water.

Aquaglo™ F22 , is engineered for submersible environments indoor and outdoor. Having passed cyclic high-low thermal shock, IPX8 has been test both in-house and with a third-party authority. It has been proven qualified for 2m depth in the long run. The whole luminary's system, including light body, cable and mounting profile, is compliant with the stringent underwater UL676 standard.

With low voltage and heat, it enhances the safety for people to play and swim in. Discover a stream of silver bubbles, cascading through light waves as they echo a euphoric yet calming flow from a fountain, water wall and water park.



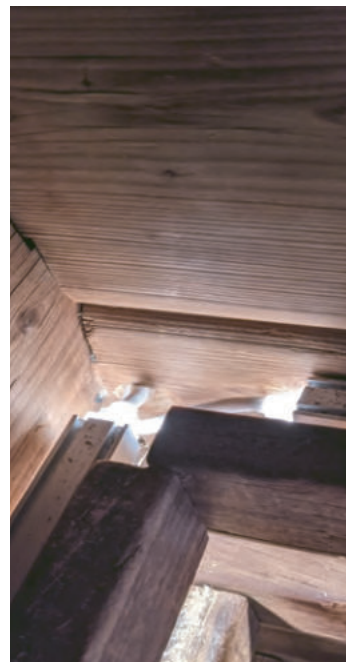
Swimming Pool Fountain

Recommended Products

F22

An ideal lighting solution that can withstand high-temperature, high humidity is the ideal lighting system for saunas, spas and steam rooms.

Thermglo™ series, has the ability to operate in temperatures up to 90°C and 100% humidity in addition to a 3-year warranty. The temperature control system, benefits from the exclusive silicone formula, special LED's built-in constant current circuit design and ClearTech TwinFlex™. The integrated injection-molding connector up to IP67 rating along with ClearTech DryWire™, which enables superior waterproof performance. It's an innovative lighting solution allows more freedom in design and installation. From the ceiling, wall, backrest to bench. Any place can be decorated and united by it, delivering a sense of peace and relaxation.



Wellness-Schwitzkasten Wettingen AG ©

Sauna Steam

Recommended Products

ThermGlo™ F15 / F21 / F22 / F16





The major concerns for a façade lighting project are UV resistance, contraction and expansion of LED strips after installation. With projects such as skyscrapers, requiring light that can be seamlessly integrated into the fabric of the structure. In addition to withstanding special weather conditions and maintenance-friendly. These factors dictate the longevity for façade light.

Flexglo™ series is renowned for its diversity in design as a part of custom-fit lighting solutions, allowing more freedom within modern architecture. Slice at an ultrashort length and IP68 achievable, an assembly for the connector can either sealed at the factory or field, underpinned by InsulFit™ and DryWire™. The exclusive silicone material itself plus C-Mask™ treatment on the emitting surface endow the product with the feature of self-cleaning and UV resistance to maintain the authentic color much longer. The structure adopted ClearTech TwinFlex™ and PinBoost™ further enhances the robustness of inside PCB and LEDs when bending.



Facade

Recommended Products

F2222 / F2219 / F15 / F21 / F22

A complete turn-key lighting solution that not only captivates but enhances the performers and audience experience. A harmonized illumination that is glare free, highlighting the stage as the center piece.

The dome shaped Flexglo™ series, offers the widest viewing angle in addition to optimal light levels. Allowing you to seamlessly switch between the perfectly-mixed pastels with the RGBW system. A flexible lighting system, to ensure the consistency of the luminaries in conjunction with the program controller. An array of colorful jackets is available that integrate the lights onto the stage, fusing with the background and are only visible when lit. The length can be custom made and delivered rapidly.



Stage Entertainment

Recommended Products

F21



Revitalising an industrial monument that not only updates its appearance, but also gives it a new function, thanks to Unlumited Lighting Solutions.

When thinking of old chimneys, this is likely not the first image that comes to mind. What led to the characteristics of this 70-metre-high landmark, called “Light Beacon from Venlo”, in the Netherlands? And how was it realised?

Back in 1942, the chimney was built as part of a production line for roof tiles, owned by the Wienerberger company, and has been a symbol for the industry and the company for many years, as well as being the highest point in the region. The chimney was used for production up till 1995. Because of its prominent presence and symbolism, it was designated a municipal industrial monument in 2002. In 2018 designers Suzanne Berkers and Yvonne Rooding were requested to come up with a design for updating the monument. This, however, led to a completely new plan; not only updating the appearance but giving it a new function. The Boei! Foundation, which commits to maintaining monuments, funded, along with Wienerberger, local

government, and others, the complete restoration and realisation of the beacon it is today.

The chimney is now highlighted with 31 rings of colour, which can be individually and remotely set to create hypnotising colour shows, or display the colours of local, national, and international events.

This playful way of re-using the monument updated the use and appearance of this wellknown and cherished local monument for many more years. The remote access allows for promptly adjusting the colours in response to main events as a show of support.

When outdoors and towering above the surroundings, many factors come into play: wind, weather, UV radiation, large temperature differences, impact resistance, and more. At this altitude and restricted accessibility, reliability and durability are key factors to keeping costs within the limits.

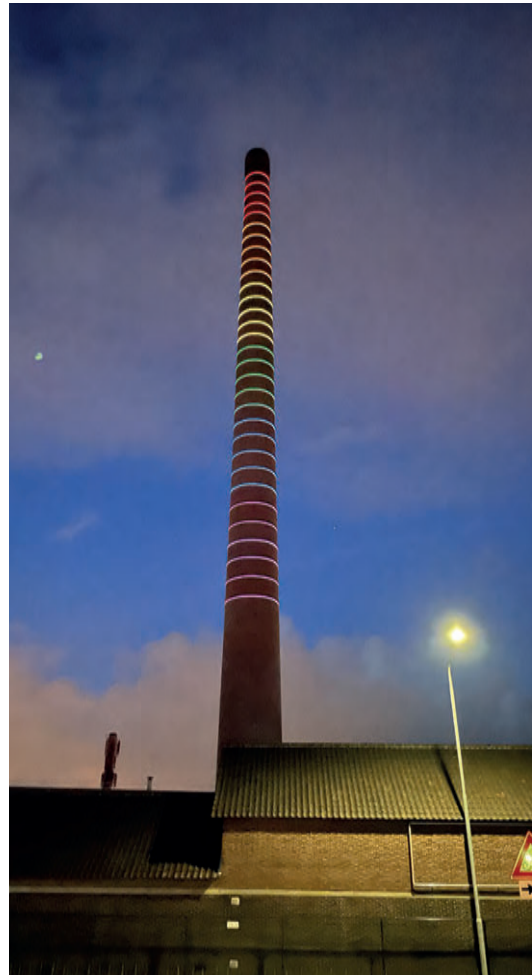
As a representative of Clear Lighting in the Netherlands, Unlumited Lighting Solutions closely cooperated with the parties involved. The requirements and circumstances were thoroughly investigated and a custom-fit plan led to the seamless result seen today.

When realising outdoor projects and especially projects on this scale, collaboration and custom solutions are key.

The FlexGlo series from Clear Lighting is made to order based on the required lengths and with the location of connections taken into consideration, and it enables seamless integration and faster installation. As there are no modifications required, the reliability remains intact.

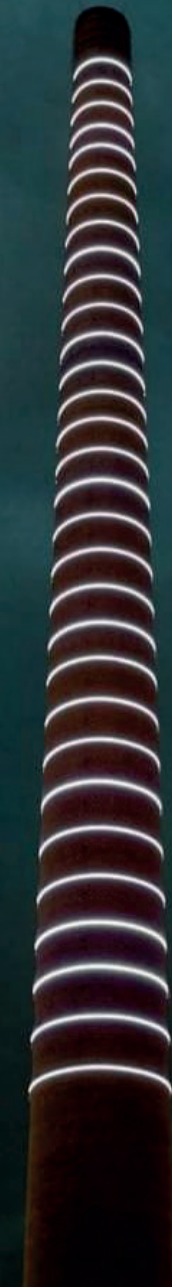
www.unlumited.com

www.clearlighting.com



Light Beacon

Venlo, Netherlands



The Reliable Commercial Partner You Can Count On

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