

Flex

01 Our team has been innovating in the LED lighting field for over 15 years.

02 We are pioneers in special temperature colors for retail.

03 We provide custom LED lighting solutions tailored to your unique business needs.



05 We are crazy about customer care. Each customer has a dedicated account manager.

04 We are committed to manufacturing our products in the EU – from sourcing to finished product.



Account Management

Turnkey solution with dedicated account management. All your specifications are gathered and complete the proposed project.



R&D

We design and test any type of luminaire according to your needs. Our lab develops new luminaires and new special color temperatures.



Concept

We create the light concept that uniquely identifies your brand. The light concept is based on the latest market trends, industry specifics and EU norms.



On-site Implementation

We configure the luminaires and sensors. If intelligent lighting system is included, our team will do/assist the system set-up.



Customer Care

Post implementation support for lighting and control system.

About Flex

GREENTEK LIGHTING

02

Flex, the Magical Luminaire

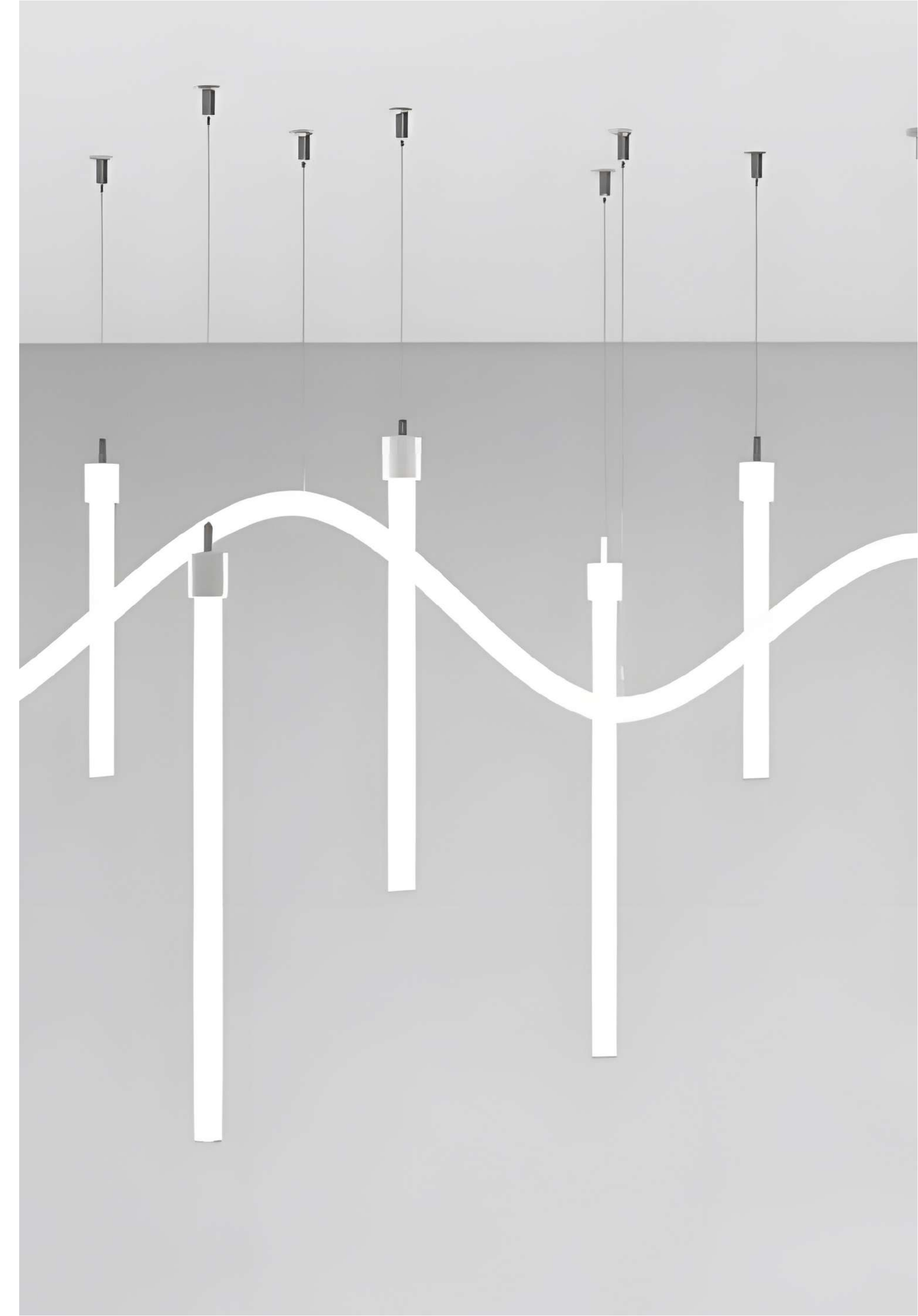
Introducing a unique linear lighting solution that embodies a **cylindrical** and **flexible magic neon design**.

The light emitted from this product is diffused through **opal white silicone**, resulting in a **uniform** and **shadow-free illumination** that encompasses a full **360 degrees**.

This versatile LED product **can be bent** and **shaped according to your preferences**.

Flex has been professionally designed to offer simplicity and ease of use during installation.

With lengths ranging **from 1 to 20 meters**, this **360° LED flexible light** can be adjusted to **meet the specific requirements of your project**. Its ability to seamlessly blend in with the environment and surroundings **further enhances its appeal**.



Flex

Features & Benefits

- **360°** flexible neon
- **360°** uniform lighting
- **Changeable shape**
- **Great finish:** baby-skin feel in touch
- **Magical effect** due to uniform light emission surface
- **High luminous efficiency**
- **3 distinct diameters:** D13/18/25 mm
- **Different lengths:** up to 20m
- **Free bending and cutting**
- **Input voltage:** DC24V / DC48V
- **High IP Factor:** IP65
- **Various color temperatures**
- **Various type of mounting:** Surface / Vertical / Horizontal mounted
- **Great resistance** to saline solutions, acid, corrosive gases, fire and UV.
- **Multiple accessories** to precisely adjust and model the light distribution according to your needs





Power Supply



Flexible Neon



Free bending and cutting

Application Examples



Horizontal Ceiling
Installation Accessories



Vertical Hanging
Side Outlet
Installation Accessories



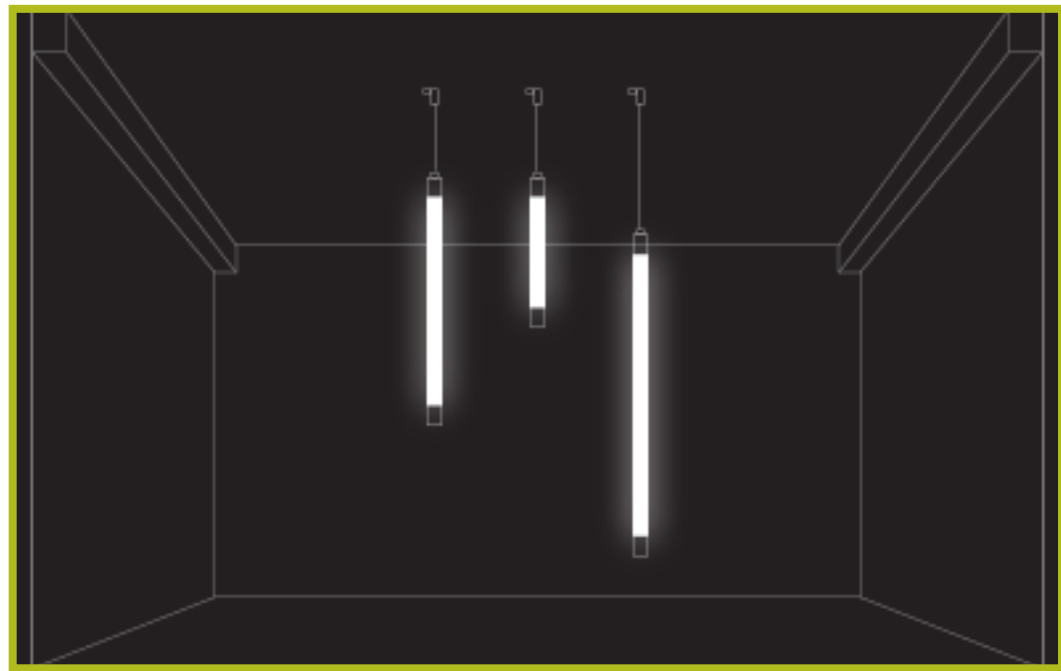
Splicing Installation
Accessories



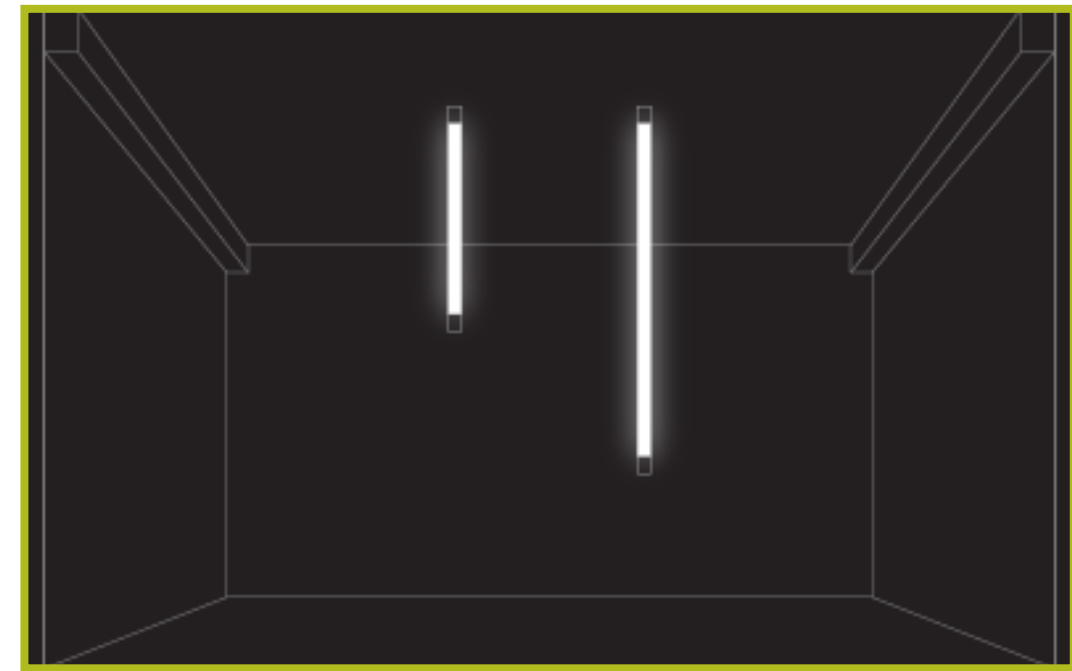
End Caps

FLEX SERIES

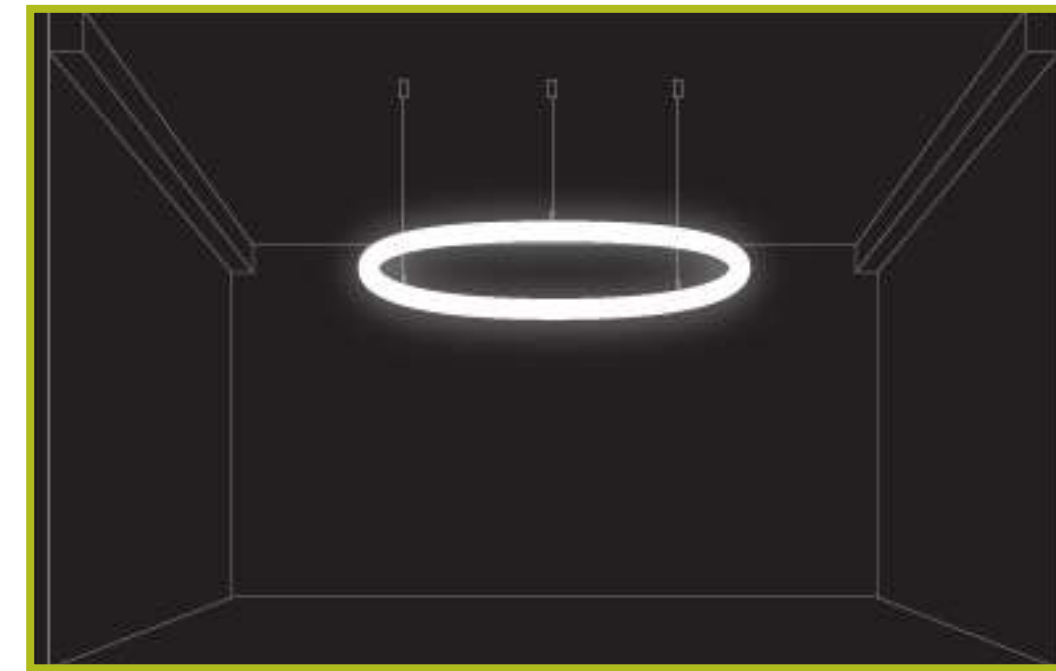
Flex Installation Methods



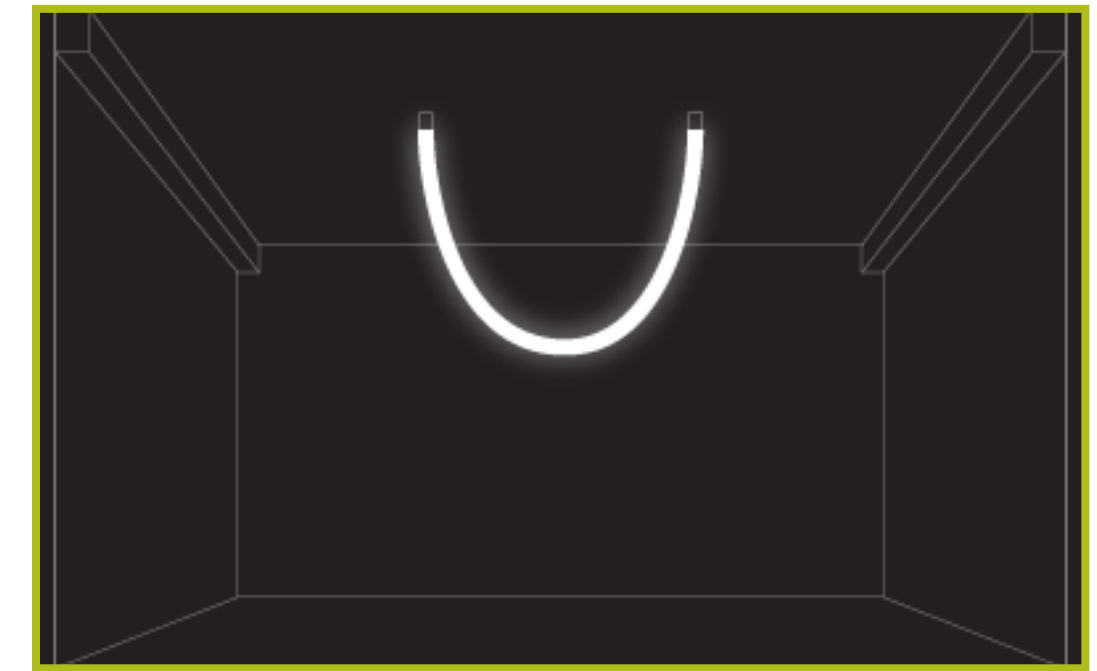
Vertical Lifting



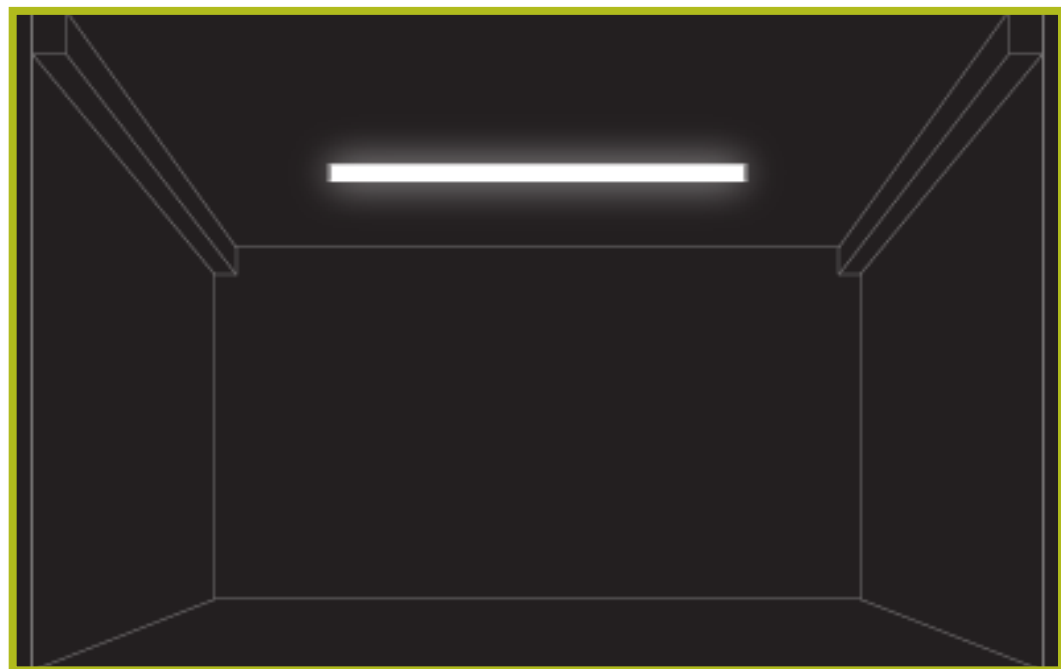
Vertical Ceiling-Single



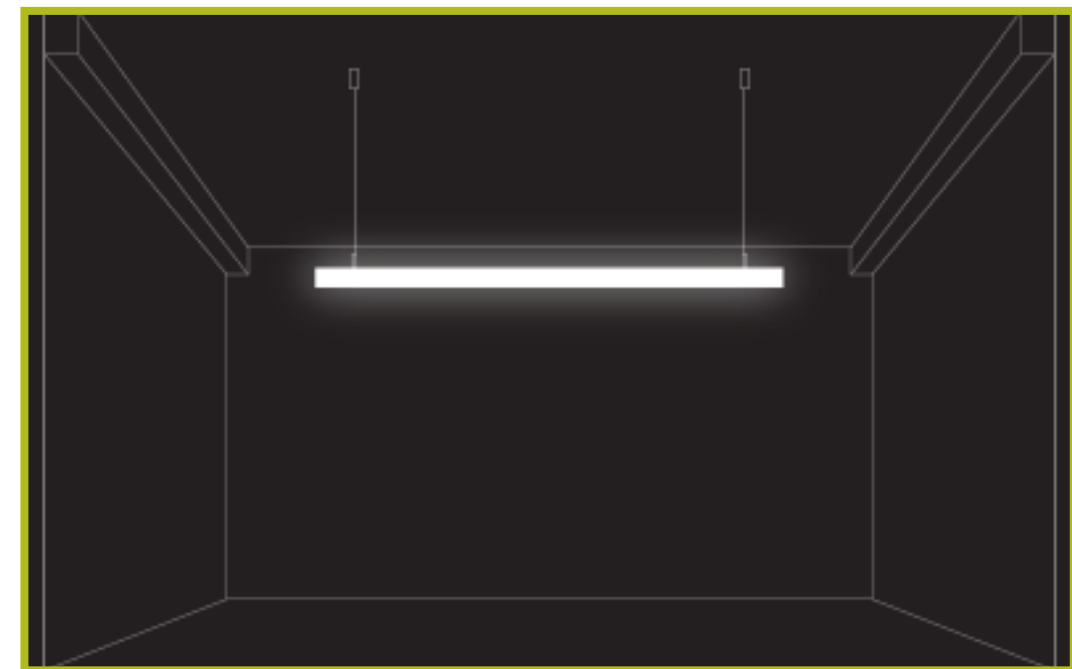
Splicing



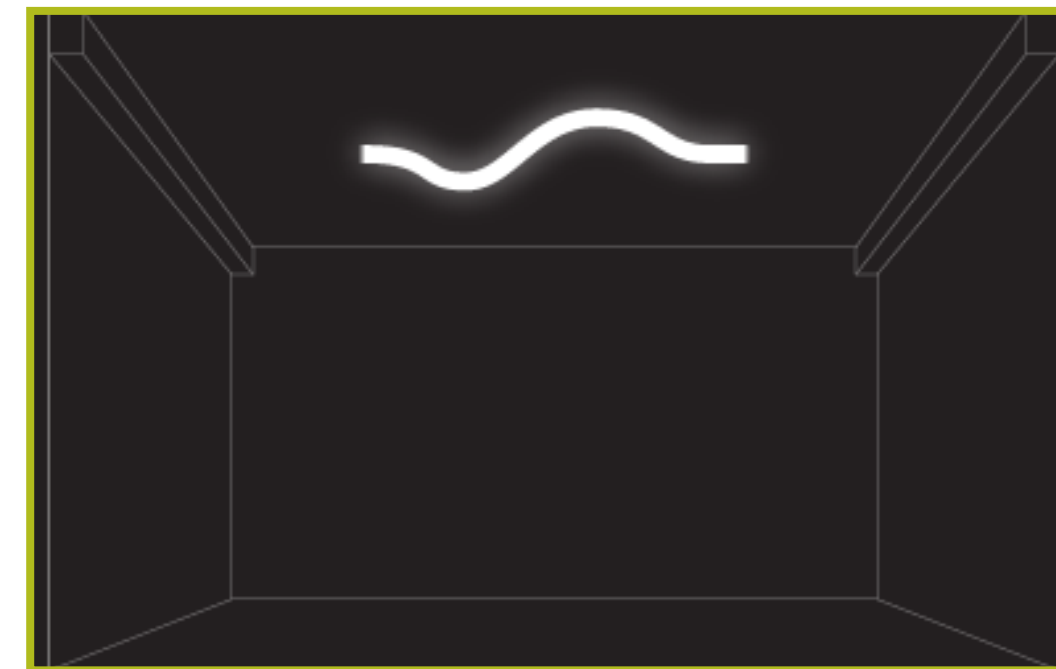
Vertical Ceiling-Double



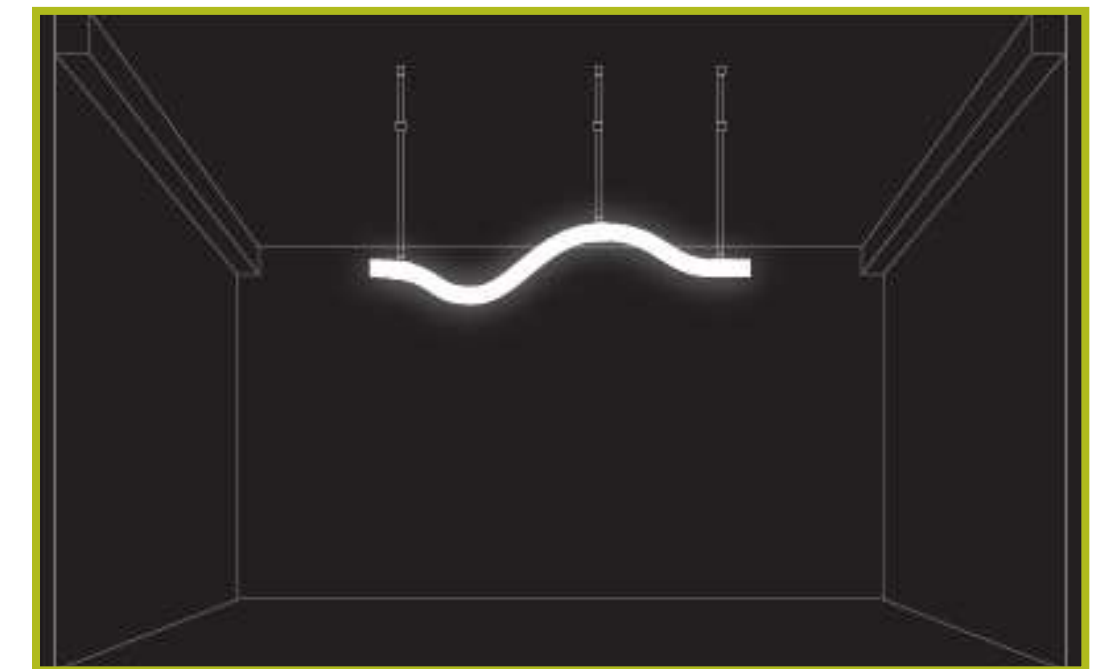
Horizontal Ceiling



Horizontal Lifting



Concealed Styling



Boom Shape



Flex Flexible - Pose-able - Stainless

GREENTEK LIGHTING

03

Flex - Flexible Series

Flexible Series: This series stands out with its flexible design, allowing users to bend the luminaire in any desired shape.

The flexibility provides a versatile lighting solution that can be customized to fit various spaces and applications.

Crafted for innovation and impact, the Flexible Series redefines the possibilities of personalized lighting.



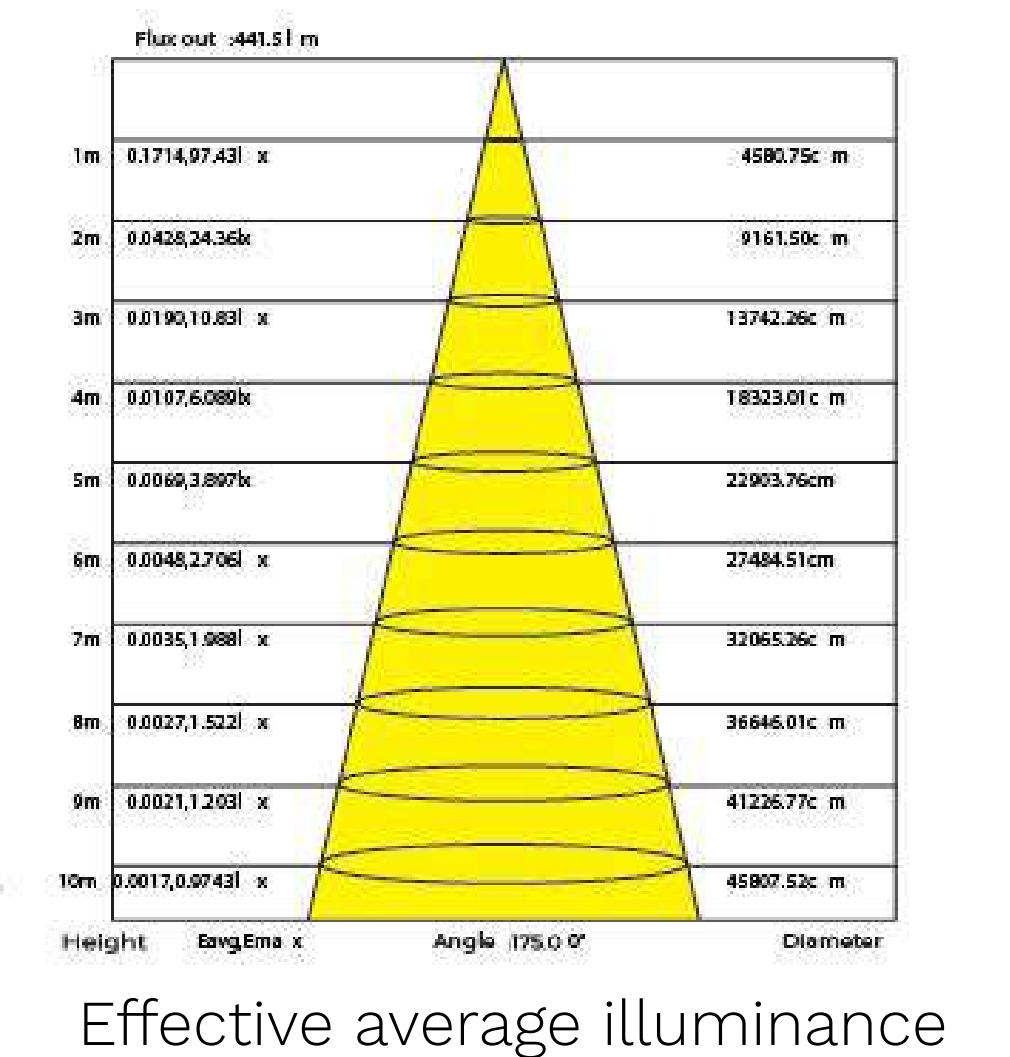
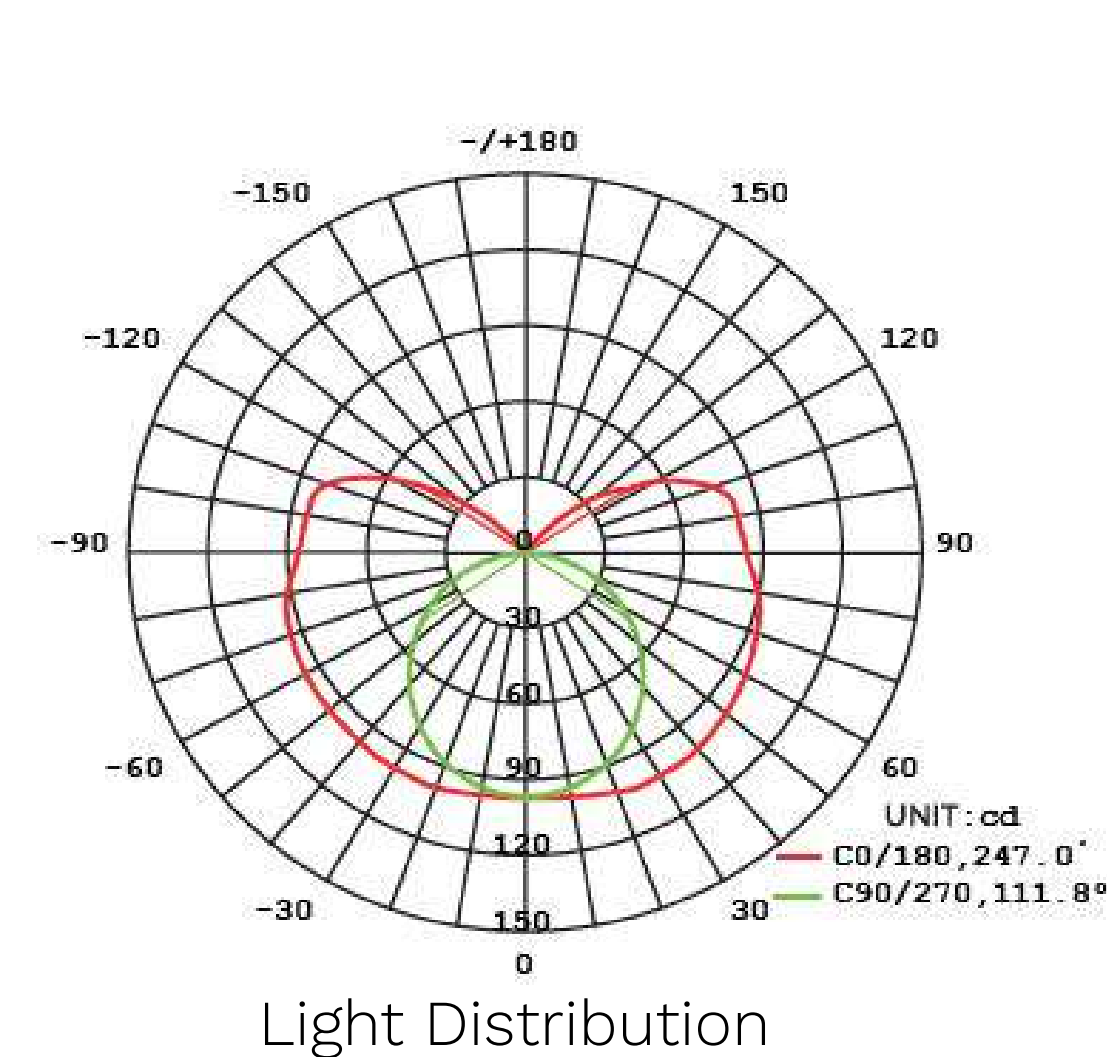
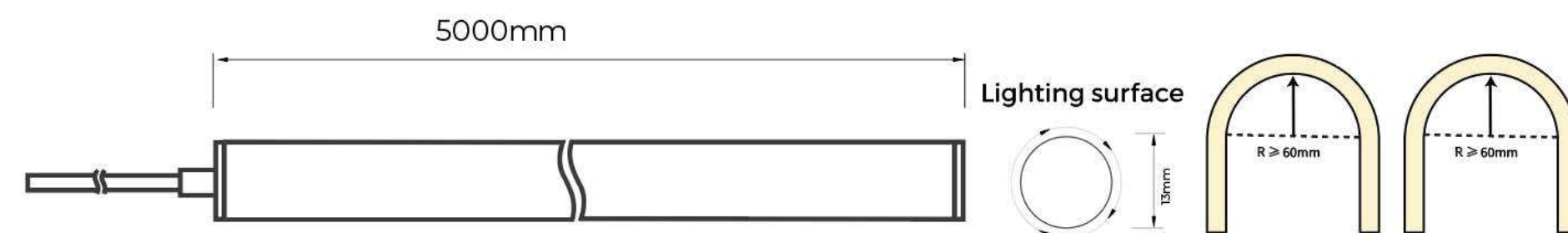
Flex 13

Features & Benefits:

- 13mm diameter, 360° uniform light
- Bending radius mini to 60mm, more flexible styling
- Silicone co-extrusion, baby-skin feel in touch
- IP65, suitable for indoor decorative or artistic lighting
- Life span - 36000h
- CRI90 as standard
- CCT 2300K-4300K
- Bend radius $\geq 60\text{mm}$

Basic Parameters:

Series	Cutting Unit	Input Voltage	Input Current	Typ. Power	Size
White light	14LED / 25mm	DC24V	0.36A	8.6W	5m
White light	28LED / 50mm	DC48V	0.18A	8.6W	10m



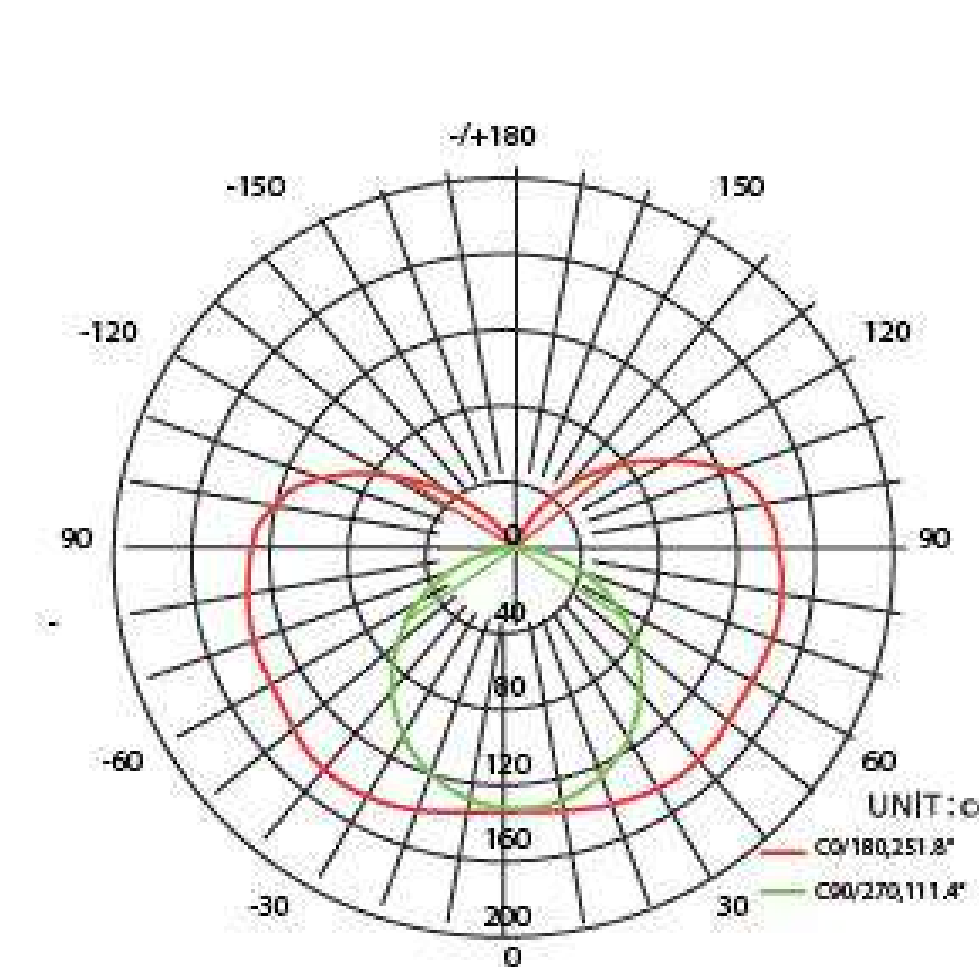
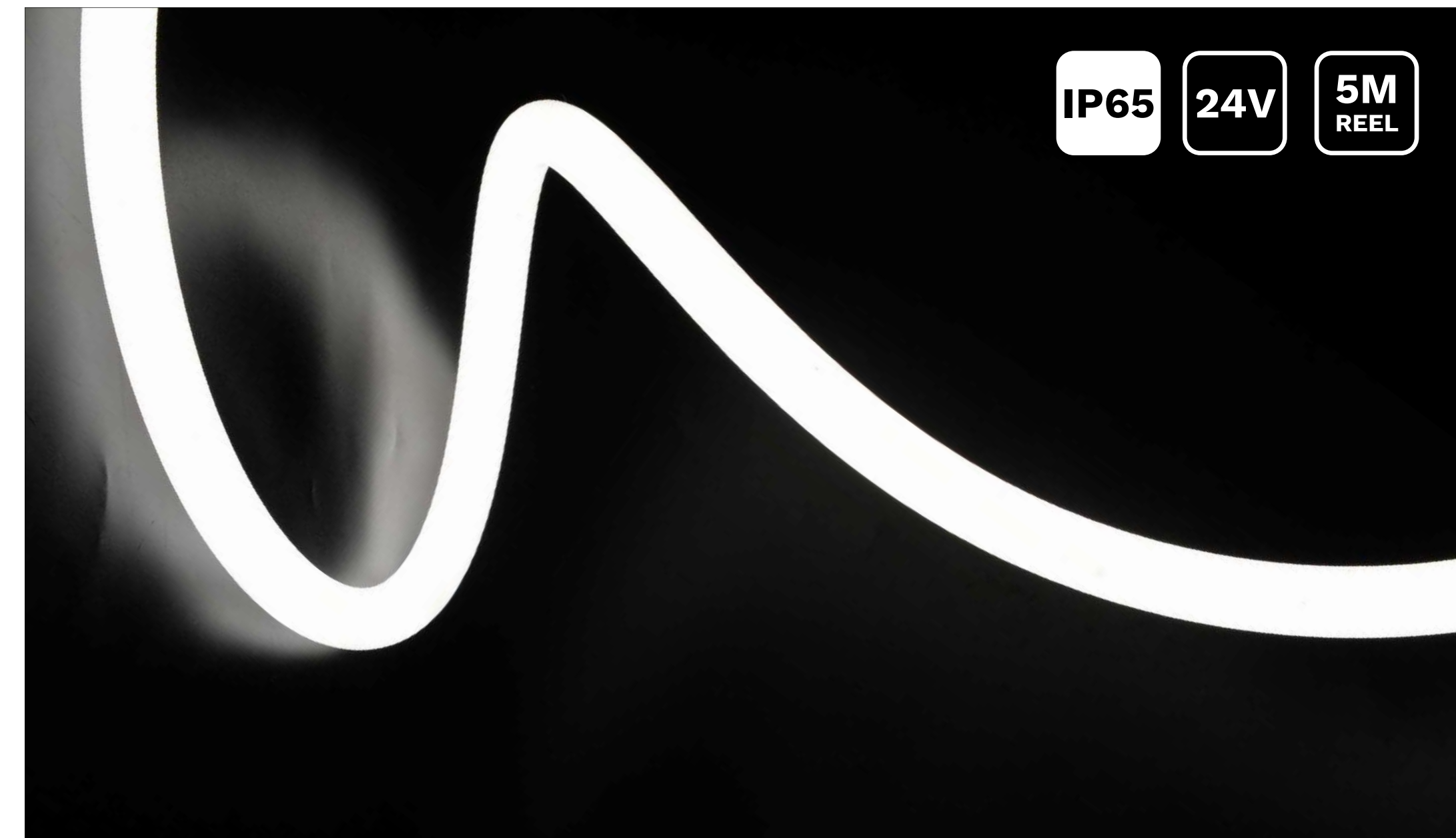
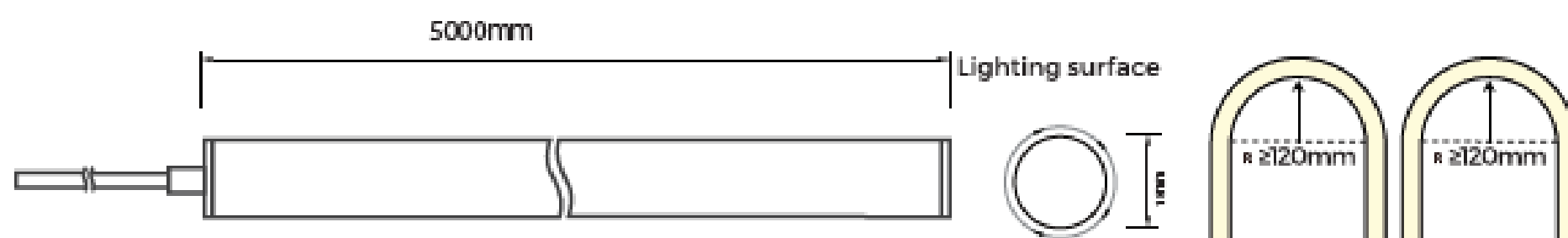
Flex 18

Features & Benefits:

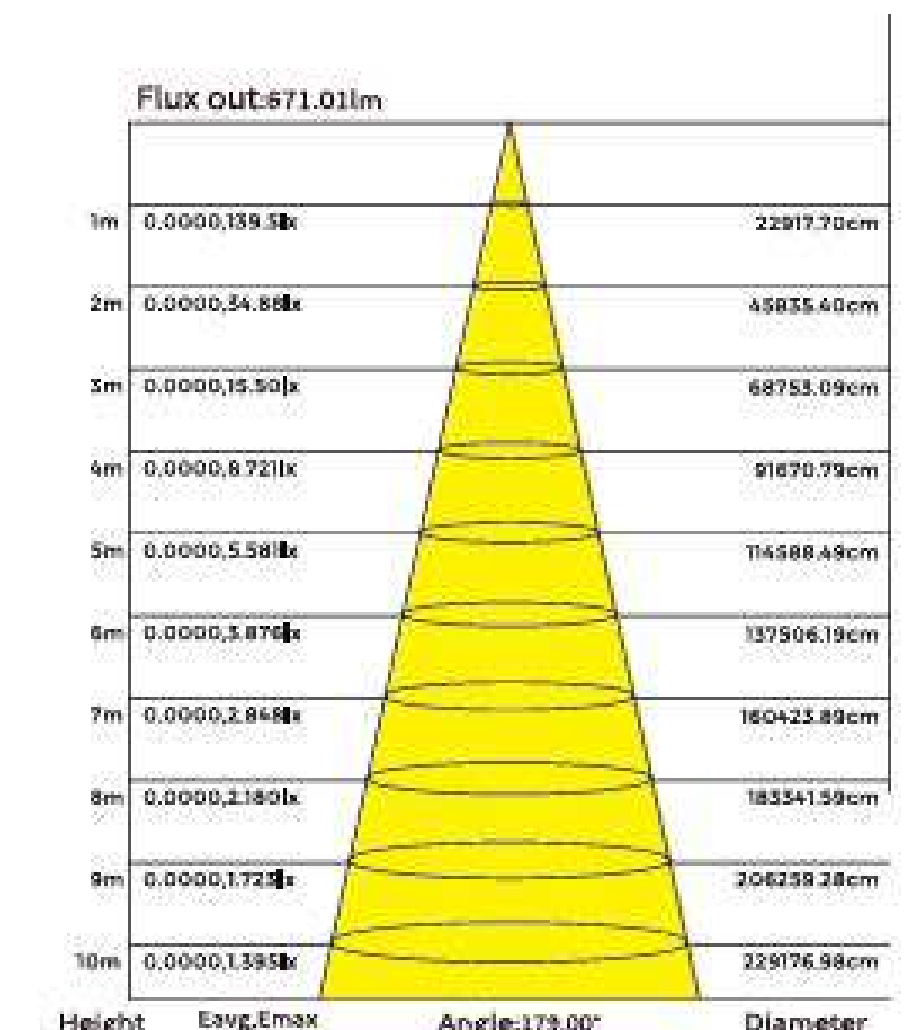
- 360° round luminous surface, uniform light emission, suitable for spatial decorative lighting
- High luminous efficiency, passed LM80 test
- Silicone extrusion process, IP65 protection level.
- Support pendant and surface mounted installation
- CRI90 as standard
- CCT 2300K-4000K; B; G; RGB
- Bend radius $\geq 120\text{mm}$

Basic Parameters:

Series	Cutting Unit	Input Voltage	Input Current	Typ. Power	Size
White light	11.9mm	DC24V	0.6A	14.4W	5m
Single Color	41.67mm	DC24V	0.42A	10W	5m
CCT	31.25mm	DC24V	0.6A	14.4W	5m
RGB	50mm	DC24V	0.54A	13W	5m



Light Distribution



Effective average illuminance

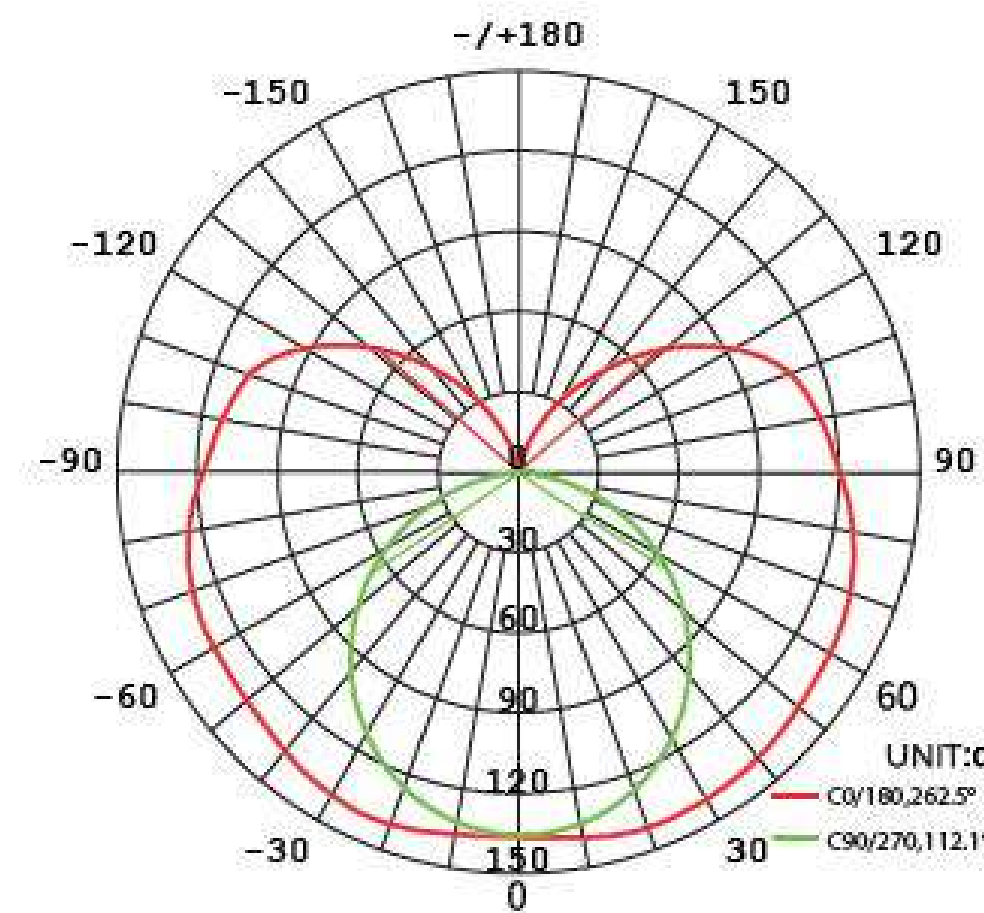
Flex 25

Features & Benefits:

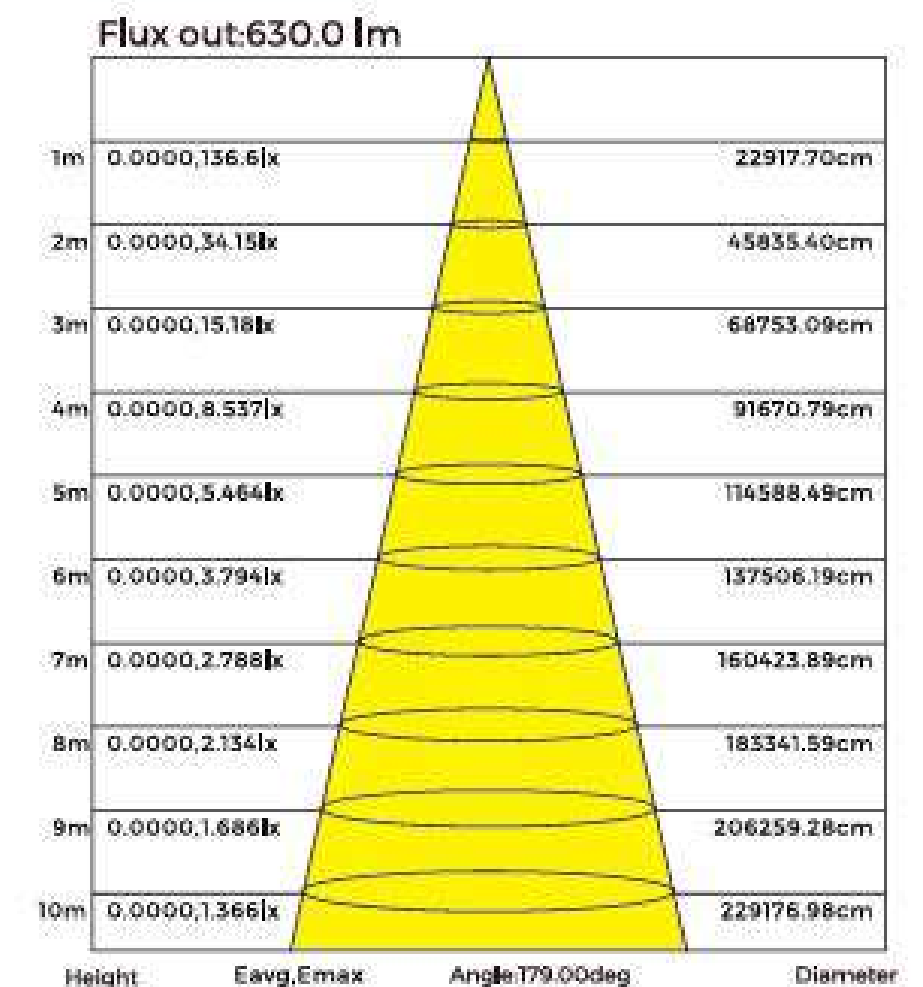
- 360° round luminous surface, uniform light emission, suitable for spatial decorative lighting
- High luminous efficiency, passed LM80 test
- Silicone extrusion process, IP65 protection level
- Support pendant and surface mounted installation
- CRI90 as standard
- CCT 2300K-4000K; B; G; RGB
- Bend radius $\geq 120\text{mm}$

Basic Parameters:

Series	Cutting Unit	Input Voltage	Input Current	Typ. Power	Size
White light	11.9mm	DC24V	0.6A	14.4W	5m
White light	83.33mm	DC48V	0.26A	12.5W	20m
Single Color	41.67mm	DC24V	0.42A	10W	5m
CCT	31.25mm	DC24V	0.6A	14.4W	5m
RGBX	11.1mm	DC12V	1.5A	18W	3m
RGB	50mm	DC24V	0.6A	14.4W	5m



Light Distribution



Effective average illuminance

Flex - Pose-able Series

Pose-able Series: The Pose-able Series features a rigid design where all the bends are fixed.

However, users still have the freedom to position the luminaire in different orientations or configurations, giving them the ability to create a personalized lighting arrangement that suits their preferences.

With the Pose-able Series, the interplay between structure and creativity allows for endless possibilities, making each lighting arrangement a unique expression of individual style and vision.

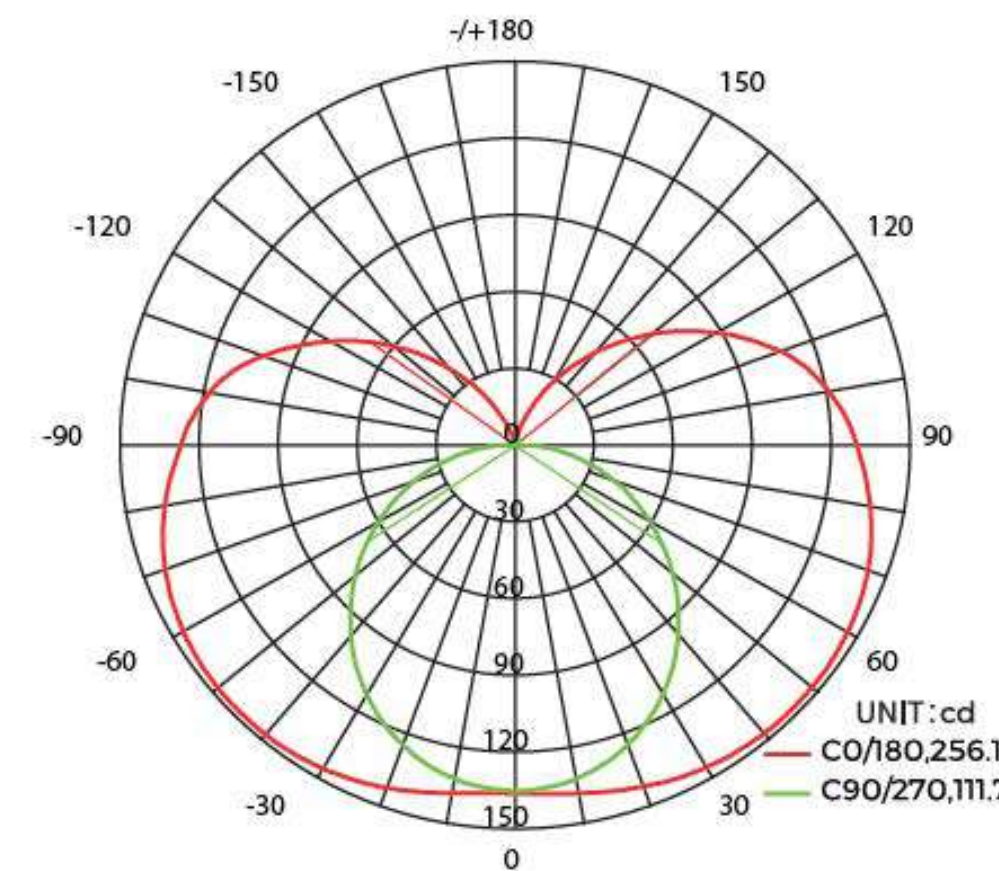
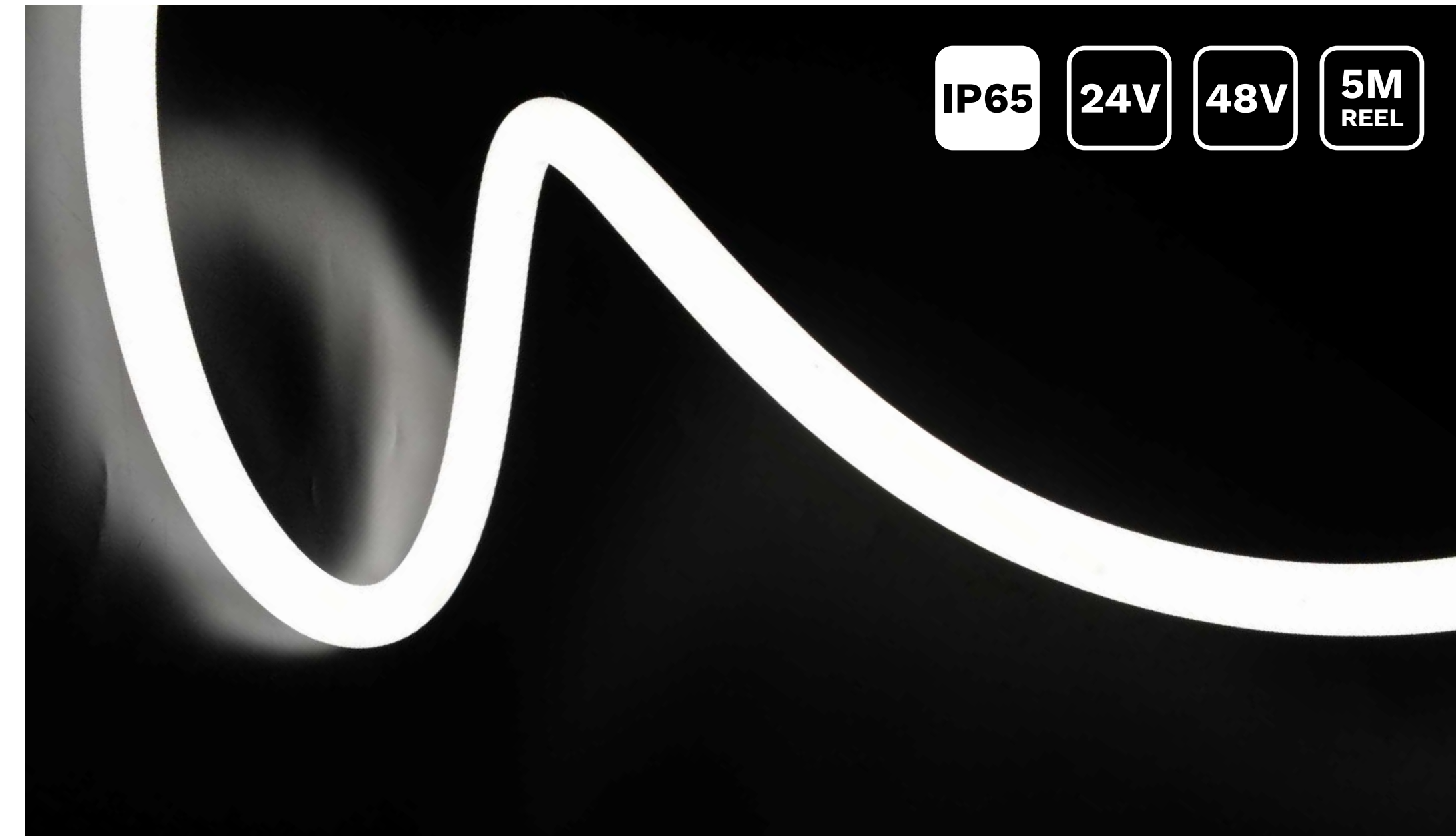
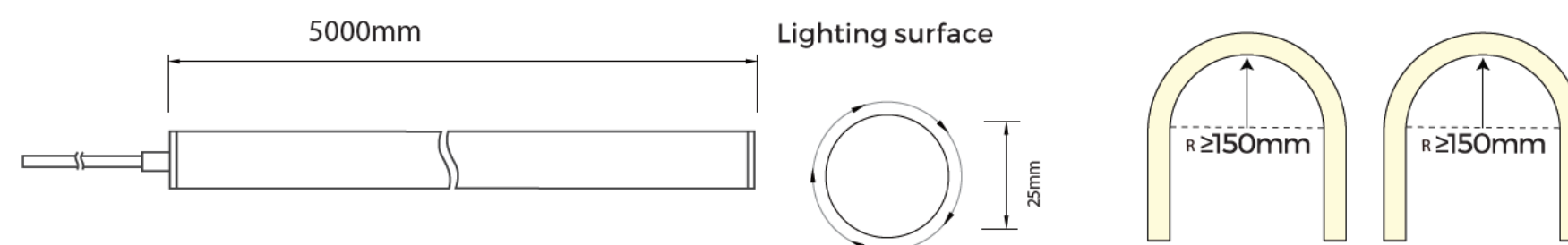
Flex 25P

Features & Benefits:

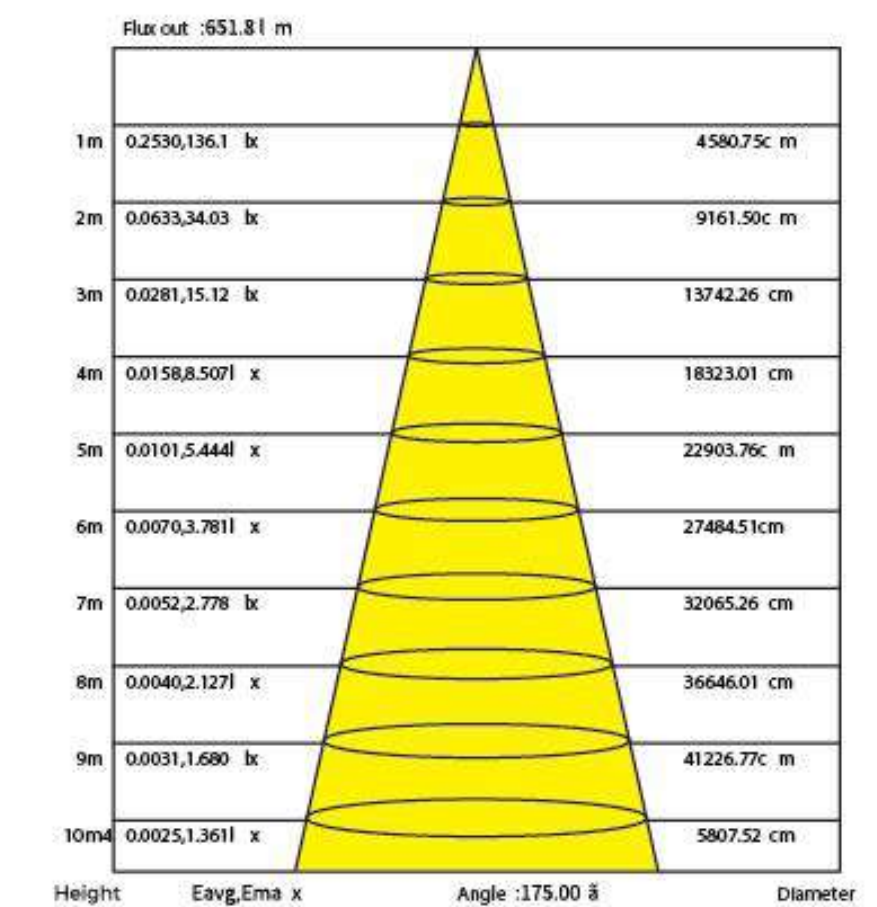
- 25mm diameter, 360° uniform light
- Bending is posing, great flexibility for creative styling
- Special optical design, no dark areas at ends
- Silicone co-extrusion, baby-skin softness
- IP65, suitable for indoor decorative or artistic lighting
- CRI90 as standard
- CCT 2300K-4000K
- Bend radius $\geq 150\text{mm}$

Basic Parameters:

Series	Cutting Unit	Input Voltage	Input Current	Typ. Power	Size
White light	29.4mm	DC24V	0.83A	20W	5m
White light	33.33mm	DC48V	0.42A	20W	5m



Light Distribution



Effective average illuminance

Flex - Stainless Series

Stainless Series: The Stainless Series boasts an anti-gravity design that allows the luminaire to be positioned straight in the air, defying conventional lighting norms. This unique feature adds a touch of elegance and creates an intriguing visual effect, making it a captivating centerpiece in any space.

It can be an excellent choice for installations where you want to achieve a floating or suspended lighting appearance, bringing an ethereal quality that merges innovation with aesthetics.

Whether you're aiming for a bold design statement or a subtle ambient enhancement, the Stainless Series is designed to elevate your space into a realm of sophisticated illumination.

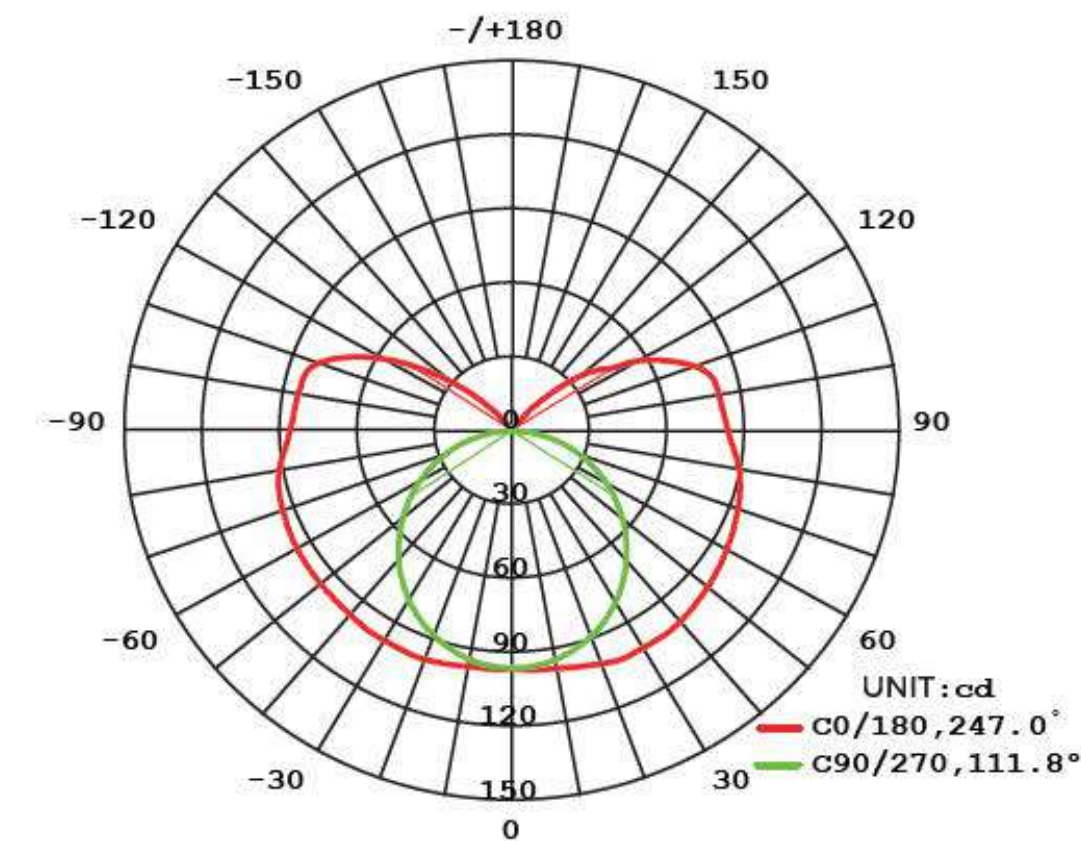
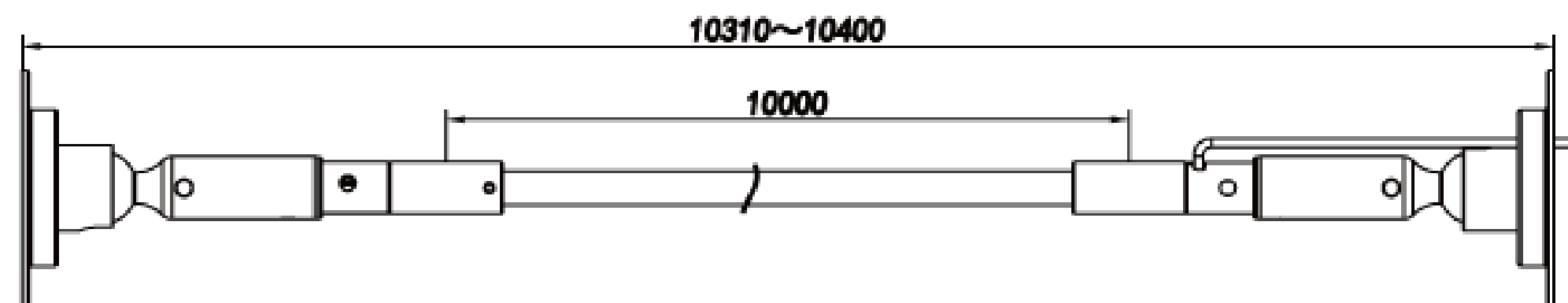
Flex 13S

Features & Benefits:

- 13mm diameter, 360° uniform light
- Anti-gravity design, with steel wire inside, can be straight in the air
- Silicone extrusion process, IP65 protection level
- Support pendant and surface mounted installation
- CRI90 as standard
- CCT 2300K-4000K
- Bend radius $\geq 60\text{mm}$

Basic Parameters:

Series	Cutting Unit	Input Voltage	Input Current	Typ. Power	Size
White light	14LED / 25mm	DC24V	0.36A	8.6W	5m
White light	28LED / 50mm	DC48V	0.18A	8.6W	10m















Light Distribution

Height	Eavg, Ema x	Angle :75.0 0°	Diameter
1m	0.1714,9743l x		4580.75c m
2m	0.0428,24.36lx		9161.50c m
3m	0.0190,10.83lx		13742.26c m
4m	0.0107,6.089lx		18323.01c m
5m	0.0069,3.897lx		22903.76c m
6m	0.0048,2.706lx		27484.51c m
7m	0.0035,1.988lx		32065.26c m
8m	0.0027,1.522lx		36646.01c m
9m	0.0021,1.203lx		41226.77c m
10m	0.0017,0.9743lx		45807.52c m

Effective average illuminance

Accessories

NAME	DESCRIPTION	PRODUCT	IMAGE
FLEX25 Ceiling Fixed installation	Size: L25*W51.6*H27.8mm, With screws; 3pcs/1M; 5pcs/2.5M; 8pcs/5M	FLEX25, FLEX25P, FLEX18	
Vertical hanging side outlet Install accessorykit (1m)	Round tube: 1M; Wire rope: 2M	FLEX25, FLEX18	
Vertical hanging side outlet Install accessorykit (2.5m)	Round tube: 2.5M; Wire rope: 2M	FLEX25, FLEX18	
Hang the top vertically Outlet installation accessory kit (1m)	Round tube: 1M; Wire rope: 2M	FLEX25, FLEX18	
Vertical hanging from the top Install accessory kit (2.5m)	Round tube: 2.5M; Wire rope:2M	FLEX25, FLEX18	
Single-ended vertical ceiling Install accessory kit (1m)	Round tube: 1M	FLEX25, FLEX18	
Single-ended vertical ceiling Install accessory kit (2.5m)	Round tube: 2.5M	FLEX25, FLEX18	
Horizontal ceiling installation components	PC slot: 1M	FLEX25, FLEX18	
Horizontal hoisting Install components (38mm)	Round tube: 38mm; Wire rope 2pcs, L: 2M	FLEX25, FLEX25P	
Horizontal hoisting Install components (1M)	Round tubeL: 1M; Wire rope 2pcs, L: 2M	FLEX25	
Horizontal hoisting Install components (2.5M)	Round tubeL: 2.5M; Wire rope 2pcs 2pcs, L: 2M	FLEX25	
Double-ended vertical ceiling Kits	Metal end cap	FLEX25, FLEX25P	

NAME	DESCRIPTION	PRODUCT	IMAGE
Can be spliced Install components	Splicing accessory	FLEX25, FLEX25P	
Concealed Install components	Recessed fixing accessory	FLEX25	
Can be shaped and hoisted Install components	Round tube L: 38mm; Telescopic rod: 1pcs 0.6M	FLEX25, FLEX25P	
Tail splicing piece(80mm)	Round tube L: 80mm; Telescopic rod: 1pcs 0.6M	FLEX25P	
Tail splicing piece (80mm)	Round tube L: 80mm; Telescopic rod: 1pcs 2M	FLEX25P	
End cap set	PC end cap set, with end cap and plug PC sheet straight outlet	FLEX25	
End cap set	PC end cap set, with end cap and plug side outlet	FLEX25	
2P PVC wire (0.5M 4.5mm)	2P white, 20AWG, outer diameter 4.5mm, UL2464,300V, 80 , L=500mm	FLEX25	
2P PVC wire (2M 4.5mm)	2P white, 20AWG, outer diameter 4.5mm, UL2464,300V, 80 , L=2000mm	FLEX25	
Gum filler	Acid glue, 10ml/pcs, suitable for silicone neon strip and silicone extrusion strip	All models	



Applications

Innovative Design: The LED luminaire features an innovative design that sets it apart from traditional lighting solutions. Its unique characteristics make it a standout choice for modern lighting installations.



Modern Aesthetics: The luminaire boasts a modern and visually appealing design that complements contemporary interiors. It adds a touch of style and sophistication to any space while providing functional illumination.



Flexible Form: The luminaire offers a flexible form factor, allowing users to bend and shape it according to their desired configuration. This flexibility provides endless possibilities for creative and customized lighting designs.



Versatile Applications: The luminaire is suitable for a wide range of applications and settings. It can be used for general illumination, task lighting, accent lighting, or creating ambiance in various environments.



Contact Us



Monday - Friday
09:00 - 18:00



+40 21 230 24 64/65
office@greentek.eu



Grigore Gafencu Street, 14,
014132, 1st District,
Bucharest, Romania

THANK YOU!