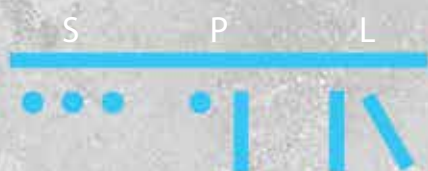


Line & Design

SPL lighting group



M A G N E T I C

T R A C K L I G H T I N G S Y S T E M

C O L L E C T I O N C A T A L O G 2 0 2 5

About us

"The SPL Lighting Group is one of the most reputable providers of lighting products. This group is founded by the organizers of the International Lighting and Lighting Exhibition of Iran and has always endeavored to provide professional services to customers in this industry alongside its colleagues.

The SPL Lighting Group consists of four departments: production, commerce, engineering, and sales."

01 What we do

Production

Lighting products for custom architectural lighting, historical buildings, and urban elements are produced in compliance with various electrical and thermal standards after design in the engineering unit and manufacturing in the workshop. MW and Tridonic drivers, as well as Bridgelux and CITIZEN LED chips, are used in the production of these products. The customizability of this unit allows architects and lighting designers to choose the angle, color, and model of the light to achieve the best results. We always welcome consultation and guidance in this area.

Commerce

Imported products of this group are marketed under two brands, SPL and LEXINGTON. These products have surpassed the toughest electrical and quality standards. The lifespan of these two brands is over 8 years, and with customer support over time, this group has ensured customer confidence in service delivery. The products of this group are licensed by Germany and are offered under reputable global lighting brands.

Engineering

In the engineering unit of the SPL Lighting Group, all designs and engineering services are provided to customers. In this engineering group, the most experienced engineers in design, lighting, and electrical work.

Sales

We always believe that sales alongside providing suitable consultation can be the key to opening doors for customers.





LIGHT UP
NEW
IDEAS



03

The SPL Lighting Group is one of the most reputable active suppliers in the lighting and illumination industry. The lighting products of this group include both indoor and outdoor products. All products are offered with the highest quality and come with a warranty of 2 to 3 years. Supplying products with brands like Line & Design, SPL and Lexington in prominent projects assures the confidence of our employers and customers. Acceptable executive resume, strong design and executive team, and other features all belong to the SPL Lighting Group.

Line & Design

SPL lighting group



products

1. Invisible frames, magnetic lights, LED linear lights, LED lamps, COB downlights, SMD downlights, Edison lamps, warehouse lights are among [the indoor products](#).
2. LED projectors, underwater pool lights, metal halide lamps, and sodium vapor lamps belong to [the outdoor product category](#).
3. Furthermore, this group offers products specialized in plant growth and photosynthesis, LED drivers, switching devices, main wall switches, LED strips, and LED modules in [the lighting equipment section](#).

Technical specifications of the light:

The Magnetic Track Lighting System represents a groundbreaking advancement in the world of lighting. It combines the power of magnets with advanced lighting technology to create a versatile and highly adaptable lighting solution. Unlike traditional lighting fixtures that rely on fixed installation, the Magnetic Track Lighting System offers a dynamic approach to lighting design, allowing users to easily adjust the lighting settings to match their changing needs.

MAGNETIC TRACK LIGHTING SYSTEM

Magnetic track light, as the name implies, attaches the lighting components to the track by means of magnetic suction, which makes it more convenient and flexible to install and dismantle the lighting components under the condition of reliable connection of electricity and facilitates daily maintenance and repair. This light is a light installed on a similar track, which can adjust the angle of illumination arbitrarily, and is usually used as spotlight in the place where need highlight lighting.

The magnetic track system offers endless configuration options due to the wide range of profiles, connections, installation types, light modules and control options. This makes magnetic track system an all-in-one solution. The magnetic rail system consists of compact profiles in which LED light modules are placed. Each magnetic light module is equipped with a high-quality integrated light source with unique light distribution. The light modules are magnetically connected to the rails, making them easy to install by hand without any tools. The low voltage(48V) of the system allows the light modules to be positioned and moved while the power is on. When the light modules are magnetically connected to the rail, they are automatically supplied with power and start working immediately. The installation of the light modules is therefore no more than a simple 'click'.

The working voltage of the entire length of the rail track is 48V direct current, which is much safer than conventional 220V alternating current systems.

Advantages of Magnetic Lights:

Easy Relocation:

The primary and most significant advantage of these lights is their magnetic bases, which facilitate installation and relocation. This feature is particularly useful for spaces that require frequent changes in lighting, such as art galleries, exhibitions, and even residential areas. Magnetic lights also eliminate the need for drilling and running cables, resulting in a cleaner and more streamlined aesthetic.

Wide Variety of Magnetic Track Lights:

Magnetic track lights are highly versatile. They can be attached to various surfaces, including metal, wood, and plastic. This flexibility allows architects and designers to create unique and creative designs. This adaptability is not only visually appealing but also efficient, as it reduces the time and effort typically required for traditional lighting adjustments.

Magnetic track lights are a lighting system that can be freely combined in modules according to your requirements, and are generally available in **four types**:

Tilt Dark light modules, Dark light modules, spotlight- Pendant modules and linear light modules.

Types of installation methods:

1. surface mounted
2. pendant
3. recessed



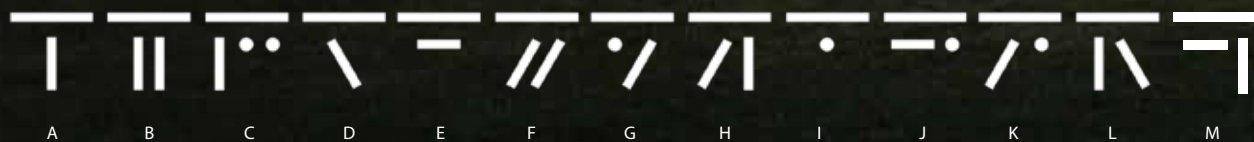
The Difference Between Magnetic Track Lights and Regular Track Lights:

The distinction between magnetic track lights and traditional models lies in their installation and adaptability. Traditional track lights are typically fixed in place using brackets or clips, requiring tools and hardware for installation. Once installed, moving or readjusting them can be challenging.

In contrast, magnetic and multi-track lights offer a more user-friendly experience. The magnetic connection eliminates the need for specialized tools, making installation simple and hassle-free. Additionally, the adaptability of multi-track lights allows for easy adjustments and redesigns, ensuring that your lighting setup can evolve with your space.

In conclusion, it can be said that these lights have revolutionized the world of lighting. Magnetic lighting systems, with their hassle-free installation, adaptability, and creative potential, offer a modern and dynamic solution for both residential and commercial spaces.

MAGNETIC TRACK LIGHTING SYSTEM,
the new alphabet for writing with light



A

B

C

D

E

F

G

H

I

J

K

L

M

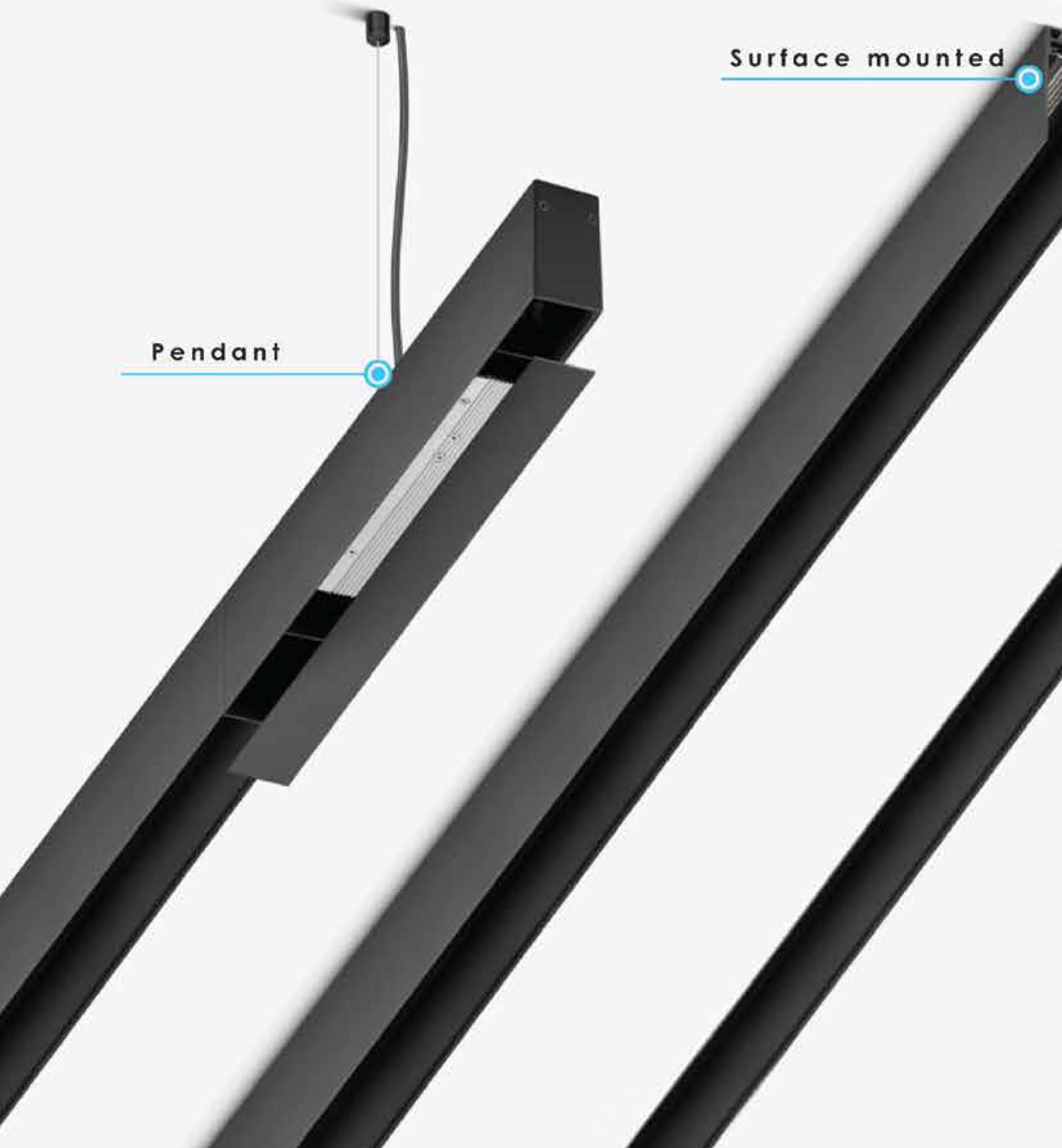


Point and Line to Plane
becomes the inspiration
to create a new graphic
system of writing

N O P Q R S T U V W X Y Z

Surface mounted

Pendant





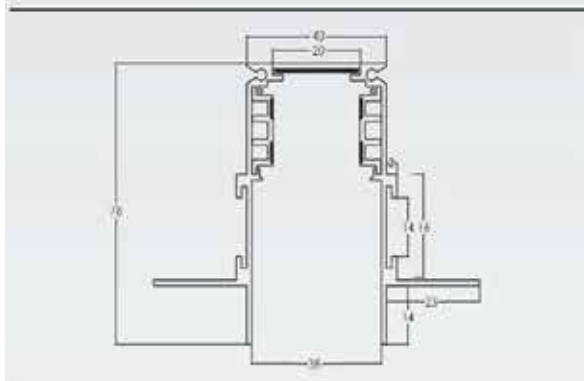
A L U M I N U M R A I L



Recessed Rail

- Recessed installation
- Aluminum housing
- Custom-made size
- Safe 48 voltage inside

Dimmension



Technical Data

Code of Product	
Width	38 mm
Cut out	43 mm
Height	78 mm
Length	2 meter
Color body	Black Anodized
Material	Aluminum Extrude
Voltage	48 VDC
Installation Type	Recessed Trimless



Surface mounted & Pendant Rail

- Surface mounted and pendant installation
- Aluminum housing
- Custom-made size
- Safe 48 voltage inside

Dimmension



Technical Data

Code of Product	
Width	48 mm
Cut out	-----
Height	60 mm
Length	2 meter
Color body	Black Anodized
Material	Aluminum Extrude
Voltage	48 VDC
Installation Type	Surface Mounted & Pendant

Magnetic

Track Lighting





The magnetic track is combined into different shapes through different track groove accessories to meet the corresponding space and furniture layout, and form a virtual and interesting space lighting division more flexibly. A more systematic lighting effect implementation program provides a variety of lighting needs that can meet a space at the same time. General lighting, accent lighting, wall washing lighting, area task lighting and even indirect lighting can be easily achieved.

15



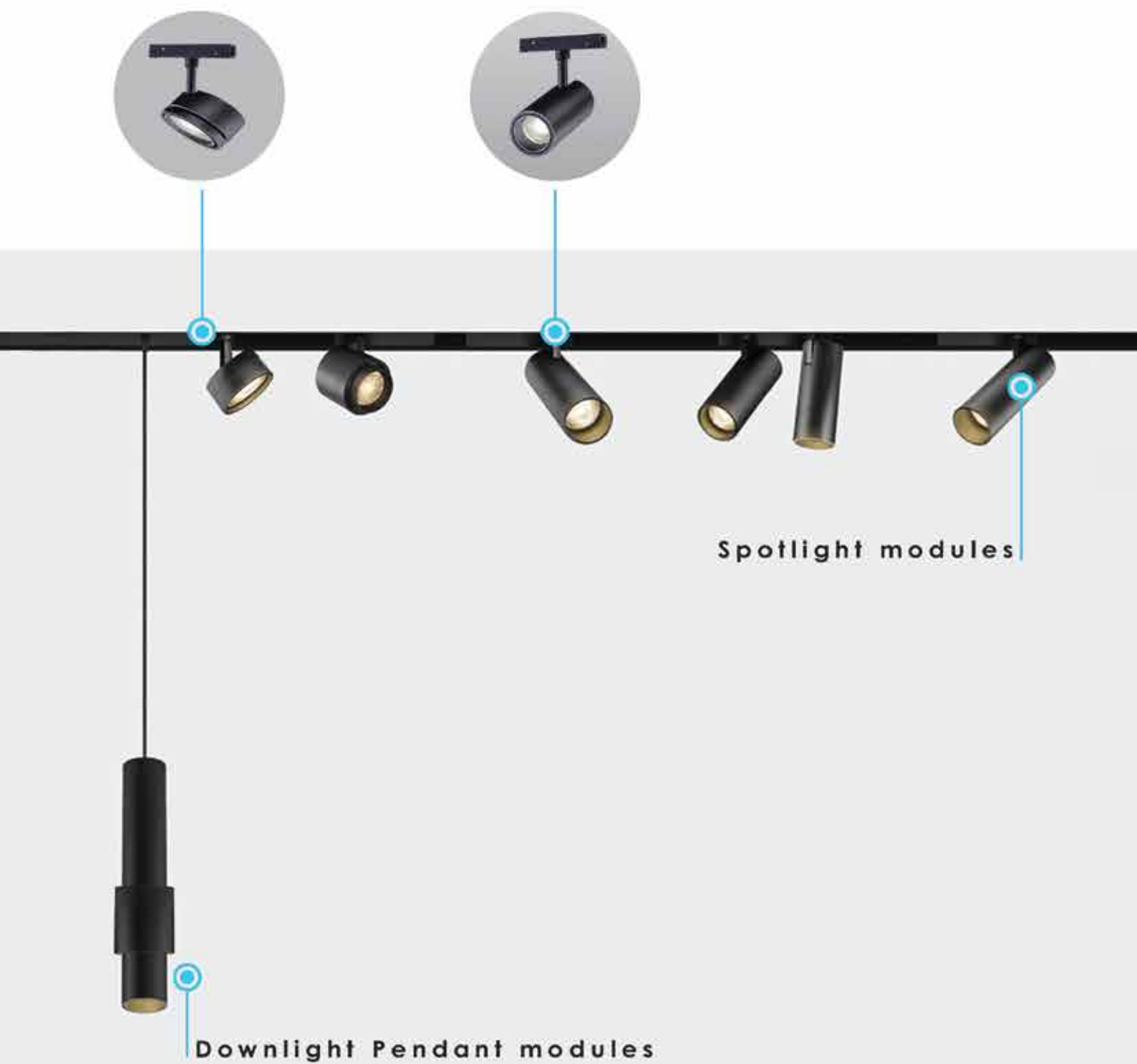
EASY TO MOVE

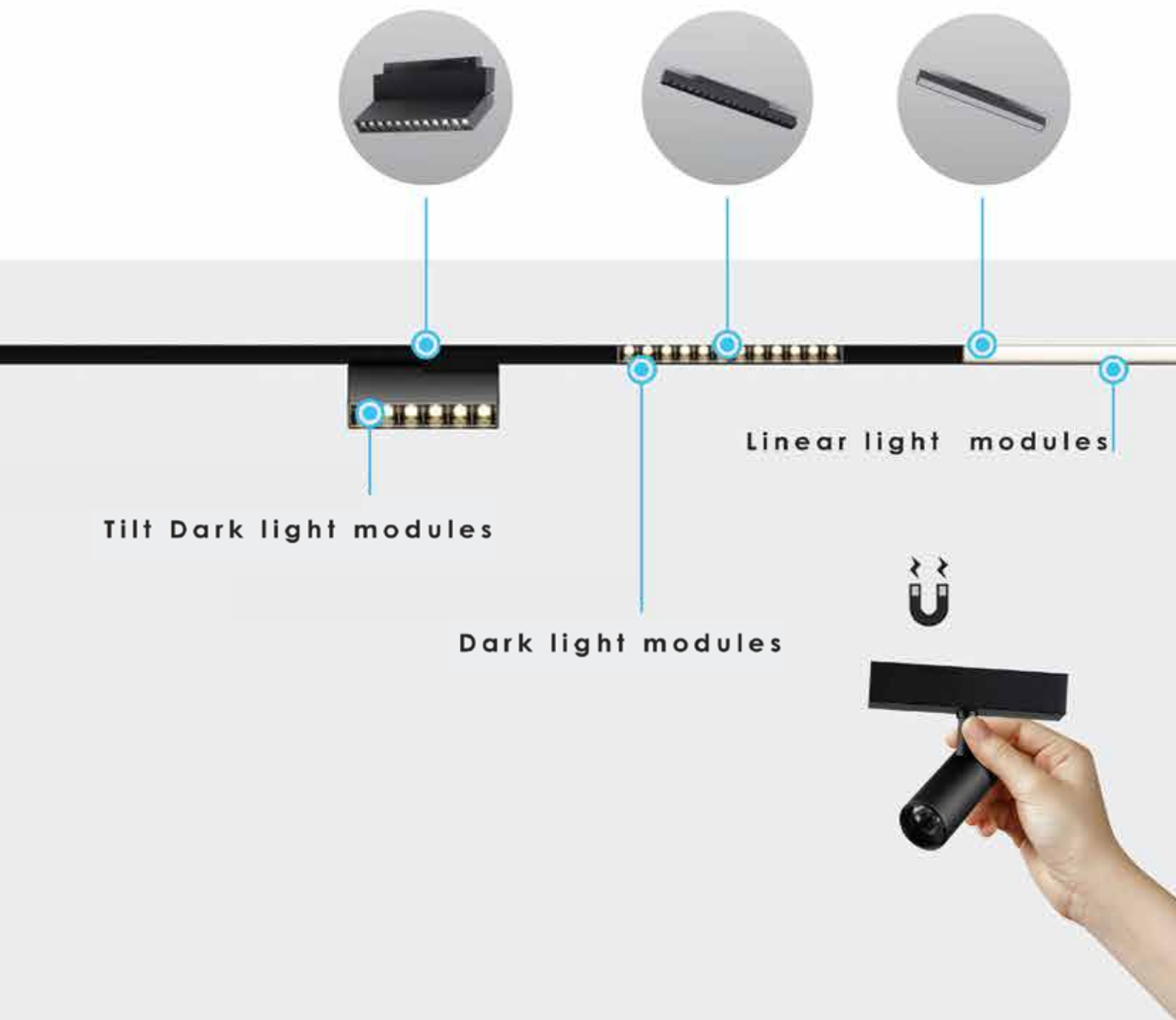
EASY TO MOVE

Move, add or remove-it's up to you. The system makes it possible to change the number of lighting fixtures and their arrangement easily. The light source is mounted anywhere you need and can be easily moved along the track. You can add a new lighting fixture in a few years' time or replace it by yourself.

• Magnet adsorption







Tilt Dark light modules

Dark light modules

Linear light modules

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Tilt Dark Light Modules



Code: Tilt-Dark-Light-14W-2007A



Labels: LED

Type: Indoor

Usage Category: Indoor

Brand: Magnetic Light

Applications: Kitchen lighting, living room lighting, office lighting, corridor lighting, hallway and staircase lighting, indoor store lighting, display case lighting

Dimmension



Technical Data

Power	14 Watt
Beam Angle	24 Dagree
Color Temperature	4000 K
Light Efficiency	80 Lumen / Watt
Color Rendering Index	> 90
Operating Temperature	-20 ~ +50
Rated Life Hours	35000-50000 Hours
Led Chip	LED By OSRAM

Dark Light Modules



Code: Dark-Light-14W-2004A



Labels: LED

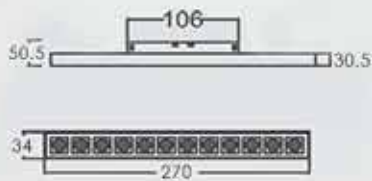
Type: Indoor

Usage Category: Indoor

Brand: Magnetic Light

Applications: Kitchen lighting, living room lighting, office lighting, corridor lighting, hallway and staircase lighting, indoor store lighting, display case lighting

Dimmension



Technical Data

Power	14 Watt
Beam Angle	24 Degree
Color Temperature	4000 K
Light Efficiency	80 Lumen / Watt
Color Rendering Index	> 90
Operating Temperature	-20 ~ +50
Rated Life Hours	35000-50000 Hours
Led Chip	LED By OSRAM

Technical Features of the Light:

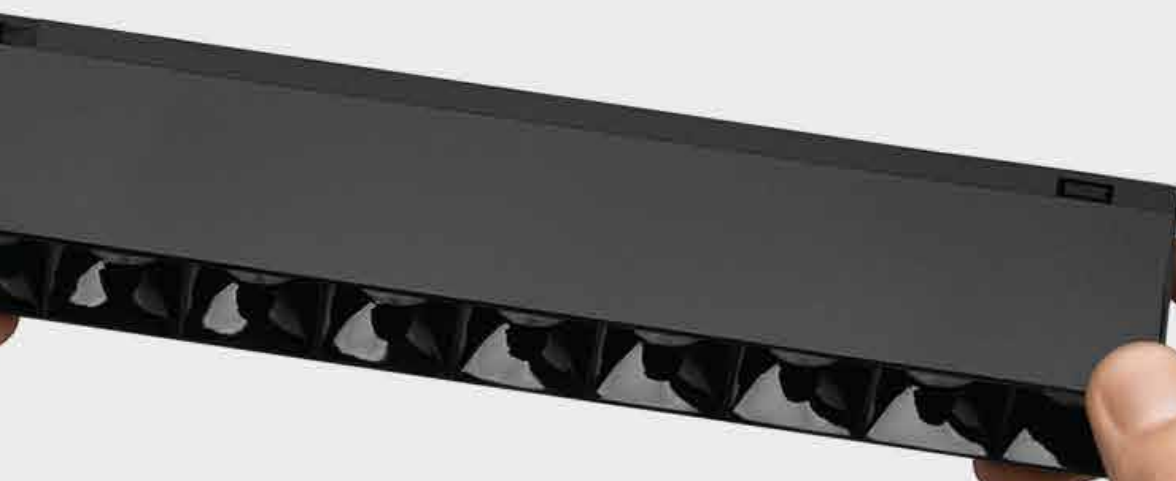
The Tilt Dark Light Modules, due to its ability to change angles and move, provides precise lighting on desired objects. This light can freely illuminate various surfaces such as the floor or walls, especially paintings and pictures. The adjustable lighting angle of this lamp allows you to shine light precisely and optimally on important and desired details.

The fixed linear spotlight model **"Dark Light Modules"** is an efficient and professional lighting solution designed to direct light downward and emphasize specific points in the environment.

Lighting is an essential part of any **architectural design** and can emphasize the designer's vision. Well-considered decisions in interior and exterior design can be highlighted and enhance the experience of the space. Light can illuminate art and be the work of art itself.

S.P.L lighting group offers a comprehensive range of lighting solutions for even the most demanding architects, interior designers and lighting designers. Tailor-made solutions where color temperature, light output, beam angles and control options can be tailored to the specific application. Aesthetic lighting fixtures without compromising on functionality. Intelligent systems yet easy to use. Our specialists offer advice and guidance to achieve the best result together. Bring your next project to life with S.P.L lighting group.





Bring spaces
to life
with light







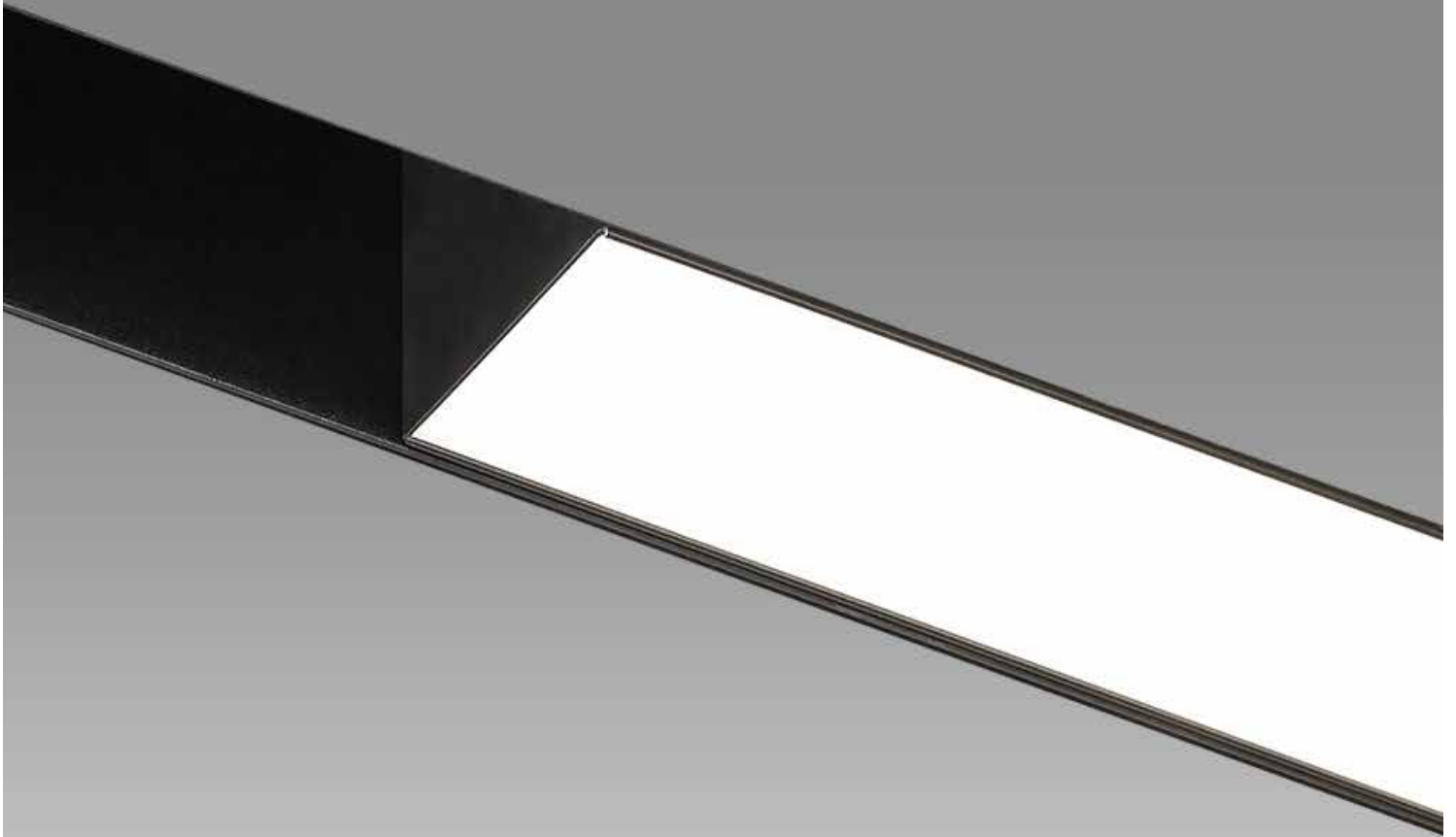


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Linear Light Modules





Code:
Magnet-LineLight-60Cm-2010-16W
Magnet-LineLight-120Cm-2010-30W

Labels: LED
Type: Indoor
Usage Category: Indoor
Brand: Magnetic Light
Applications: Kitchen lighting, living room lighting, office lighting, corridor lighting, hallway and staircase lighting, indoor store lighting, display case lighting

Dimmension



Technical Data

Power	16 Watt / 30 Watt
Beam Angle	120 Degree
Color Temperature	4000 K
Light Efficiency	80 Lumen / Watt
Color Rendering Index	> 90
Operating Temperature	-20 ~ +50
Rated Life Hours	35000-50000 Hours
Led Chip	LED By OSRAM





Technical Features of the Light:

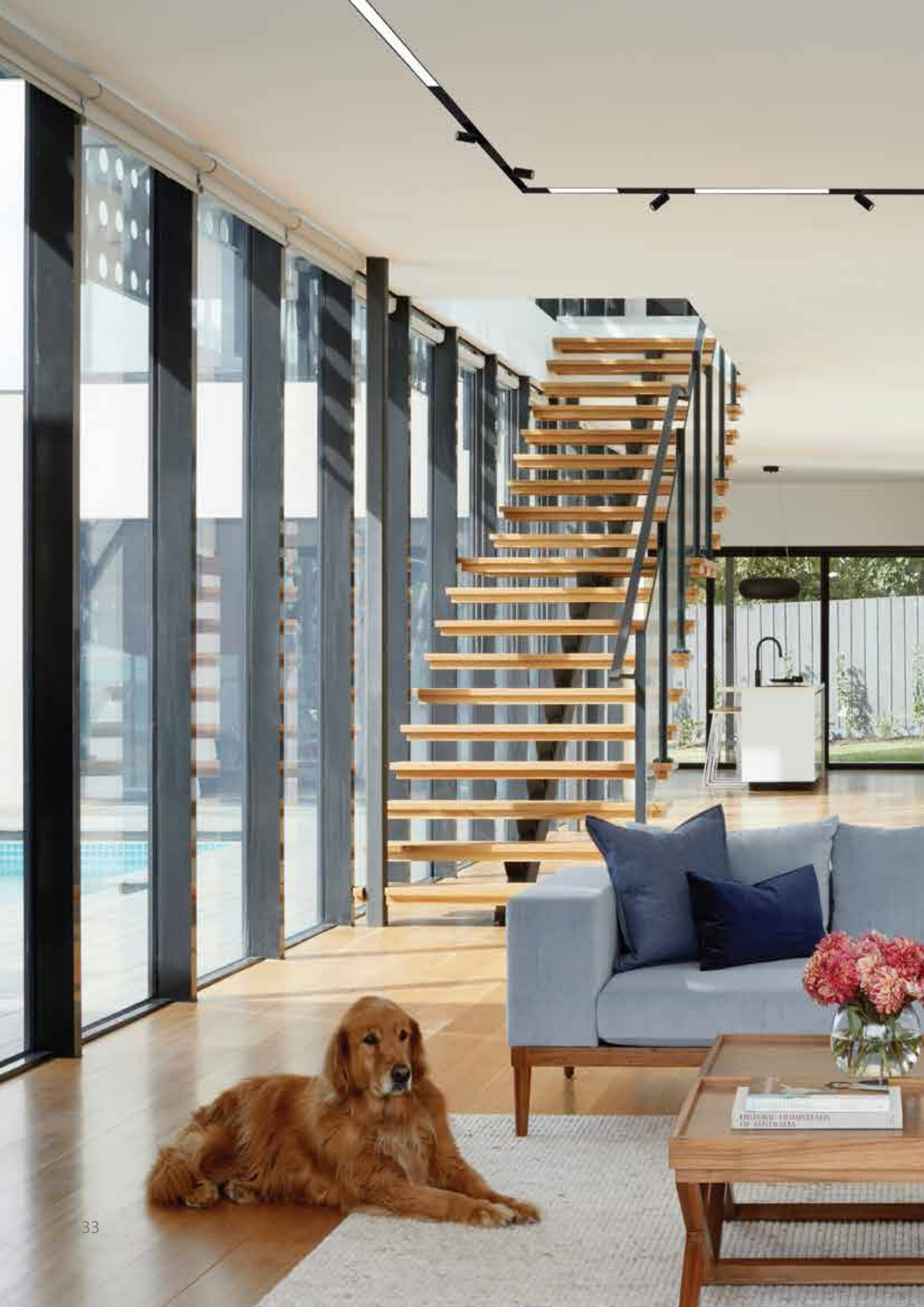
The **magnetic linear light** is one of the types of linear lights with magnetic features, designed for lighting and providing general illumination in spaces. With its unique capabilities, this light can provide suitable lighting for overall space illumination as well as specialized and modern lighting. The light comes in two sizes: 60 cm and 120 cm.

Easy Installation of Magnetic Linear Light:

Thanks to the magnetic feature of this light, easy installation and replacement are possible. This feature allows you to quickly place the light in different locations without the need for an electrician. Additionally, this linear light serves as an effective source of general lighting for spaces. With its ability to evenly distribute light, this product can brighten and enhance the ambiance of various environments.

With the flexibility and capabilities of the magnetic linear light, you can customize different lighting setups and general illumination based on the specific needs of each space. This product is suitable for both indoor and outdoor environments, including bright rooms, halls, and commercial spaces.

Overall, the magnetic linear light, as an efficient tool for lighting and providing general illumination in spaces, offers flexibility and numerous features to enhance the visual experience and environment.





An abstract background featuring a deep red wall and a dark, angular structure in the foreground. A bright, glowing light streak, possibly from a projector or a light fixture, cuts across the upper portion of the frame, creating a sense of depth and movement. The overall mood is dramatic and modern.

35







Spotlight Modules

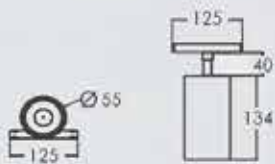




Code: Magnet-Spot-12W-2013A

Labels: LED
Type: Indoor
Usage Category: Indoor
Brand: Magnetic Light
Applications: Kitchen lighting, living room lighting, office lighting, corridor lighting, hallway and staircase lighting, indoor store lighting, display case lighting

Dimmension



Technical Data

Power	12 Watt
Beam Angle	24 Dagree
Color Temperature	4000 K
Light Efficiency	80 Lumen / Watt
Color Rendering Index	> 90
Operating Temperature	-20 ~ +50
Rated Life Hours	35000-50000 Hours
Led Chip	COB By OSRAM

Spotlight Modules



Code:Magnet SpotLight-906-7W



Labels: LED

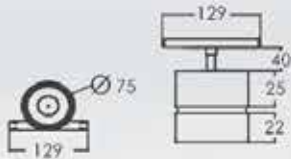
Type: Indoor

Usage Category: Indoor

Brand: Magnetic Light

Applications: Kitchen lighting, living room lighting, office lighting, corridor lighting, hallway and staircase lighting, indoor store lighting, display case lighting

Dimmension



Technical Data

Power	7 Watt
Beam Angle	120 Degree
Color Temperature	4000 K
Light Efficiency	80 Lumen / Watt
Color Rendering Index	> 90
Operating Temperature	-20 ~ +50
Rated Life Hours	35000-50000 Hours
Led Chip	COB By OSRAM





Technical Features of the Light:

This product offers a set of movable magnetic **spotlights** designed for targeted and aesthetic lighting of floor and wall subjects. The mobility of these lights allows you to create unique effects in the environment by changing the direction and position of the light. These magnetic lights, with their ability to move, can precisely direct light onto specific subjects. This feature allows you to emphasize particular details and create distinctive lighting effects in the space.













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Pendant Modules



Code:Magnet Pendant-2016-12W

Labels: LED

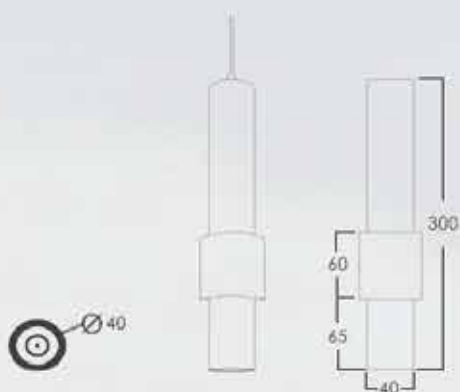
Type: Indoor

Usage Category: Indoor

Brand: Magnetic Light

Applications: Kitchen lighting, living room lighting, office lighting, corridor lighting, hallway and staircase lighting, indoor store lighting, display case lighting

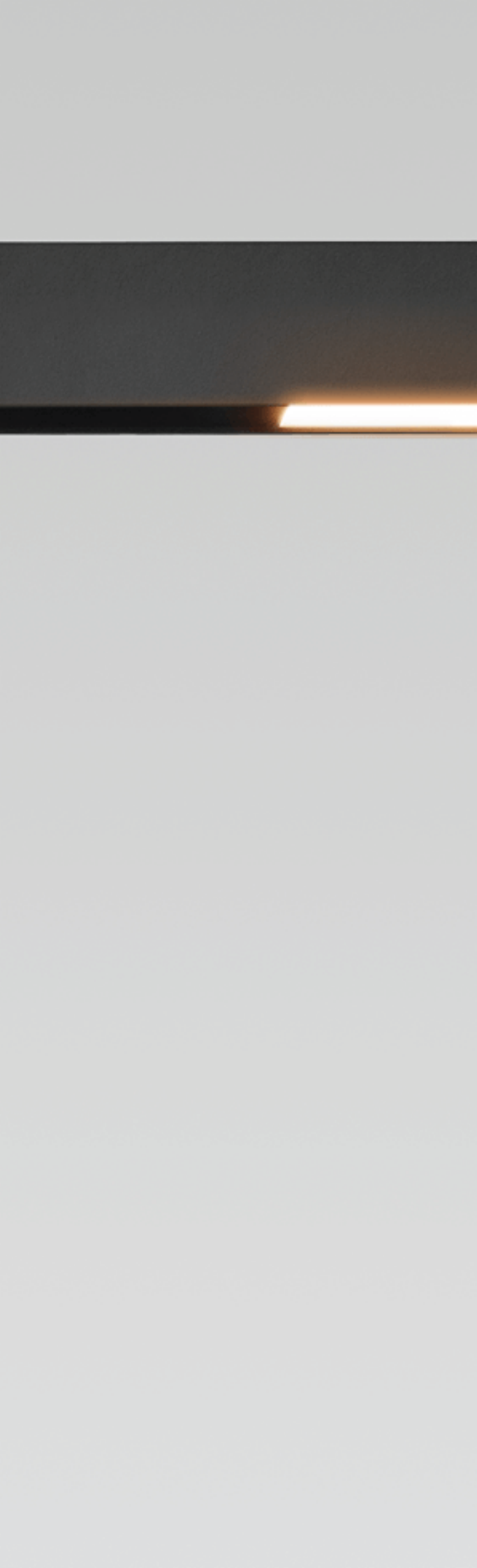
Dimmension



Technical Data

Power	12 Watt
Beam Angle	120 Degree
Color Temperature	4000 K
Light Efficiency	80 Lumen / Watt
Color Rendering Index	> 90
Operating Temperature	-20 ~ +50
Rated Life Hours	35000-50000 Hours
Led Chip	COB By OSRAM





Technical Features of the Light:

The magnetic decorative pendant spotlight is a unique choice for illuminating spaces. With this light, you can highlight various subjects on the ground and achieve the ideal settings for creative and beautiful lighting. This decorative pendant light not only offers excellent lighting performance but also features an attractive and elegant design. Installing this light in different locations can add a special and pleasant ambiance to spaces, creating a distinct visual experience for viewers.

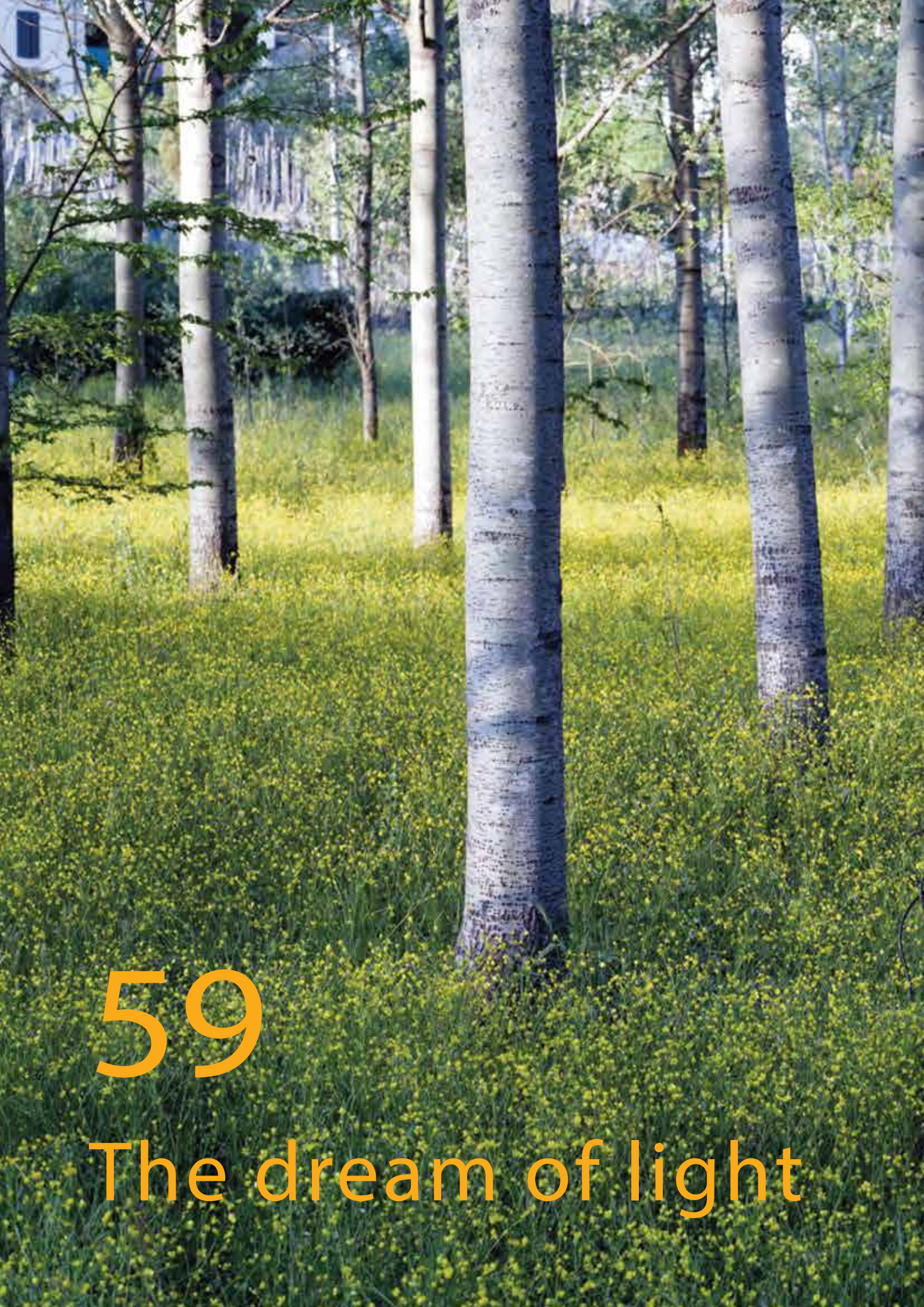
Using this magnetic pendant spotlight to illuminate ground-level subjects like plants, pathways, or other objects allows you to focus on important details and create specific visual effects. Thanks to the magnetic capability of this light, easy installation and repositioning are possible. Overall, the decorative pendant spotlight, with its lighting capabilities and beautiful design, offers an excellent tool for enhancing the appearance and aesthetics of spaces, providing a unique visual experience.

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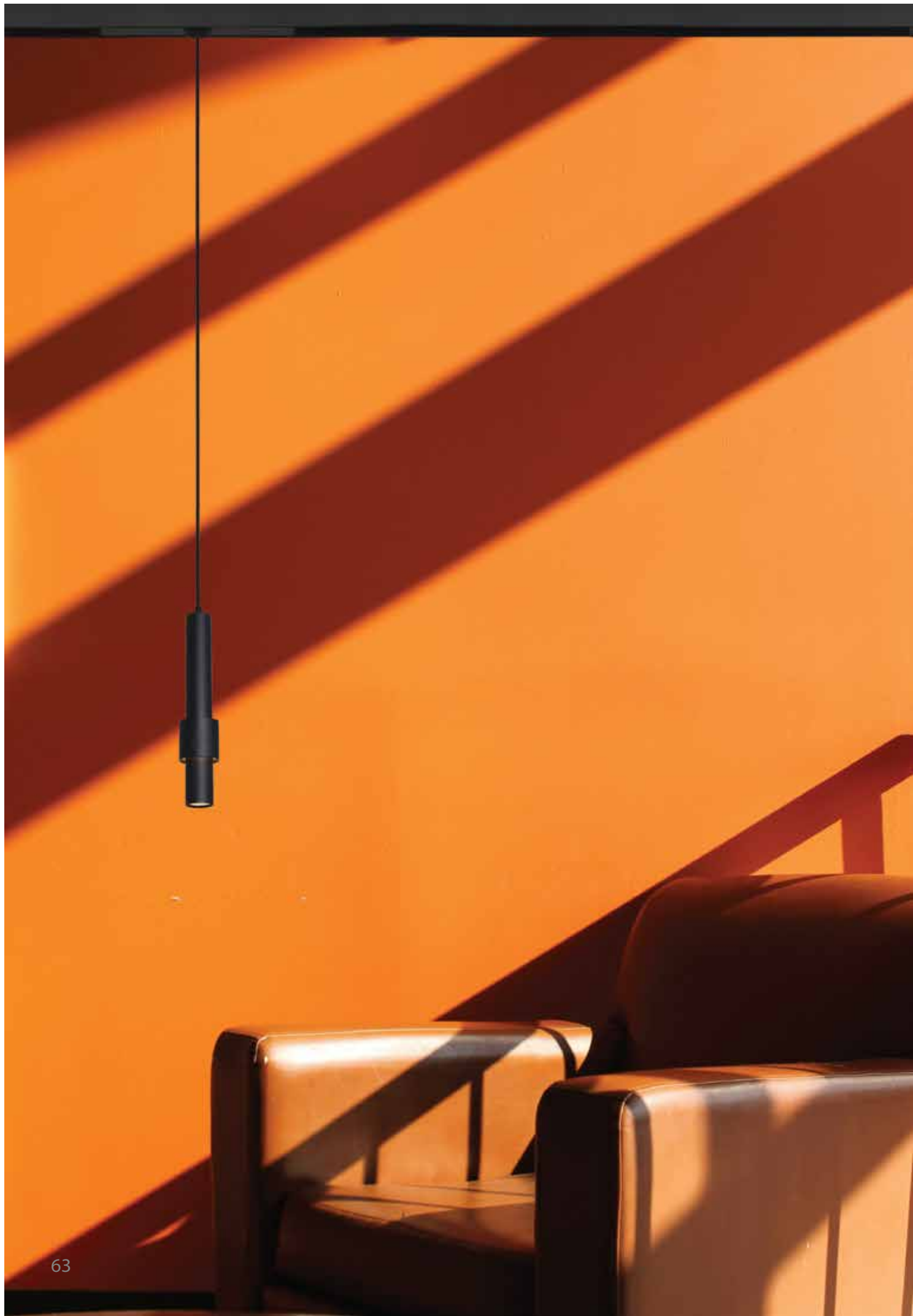
59

The dream of light



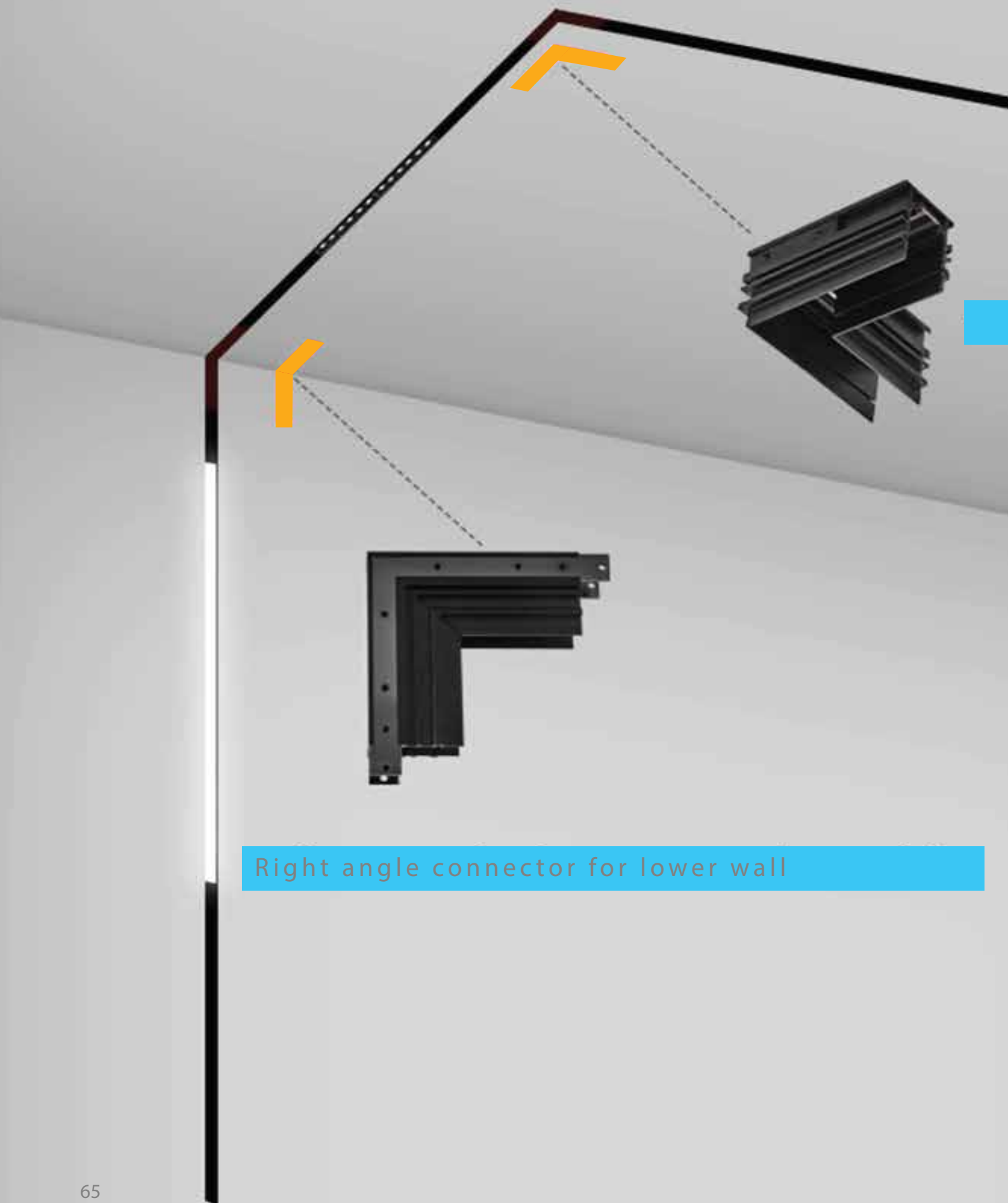








Mechanical Connectors

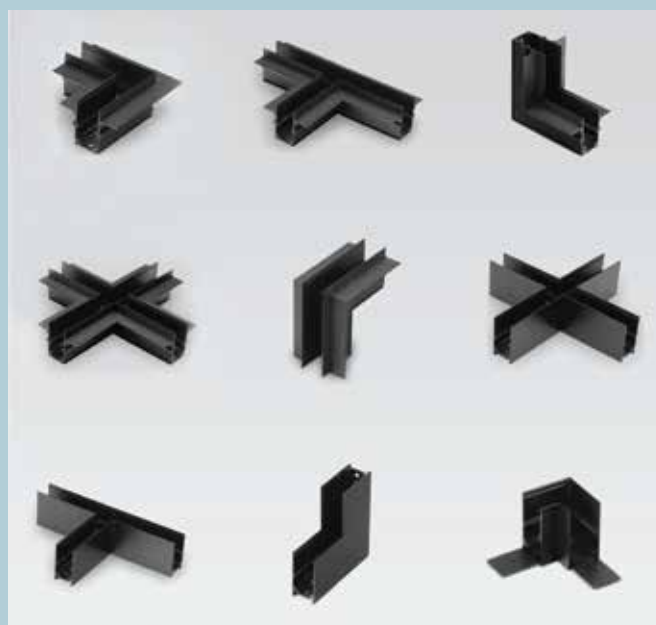


Right angle connector for lower wall

Recessed & Surface Mounted Rail Mechanical Connectors

The built-in **mechanical connectors** for different angles of the Surface mounted rails and the recessed magnetic rail, speeds up the installation process. These connectors also provide us with high quality installation details in the projects.

Ceiling corner connector

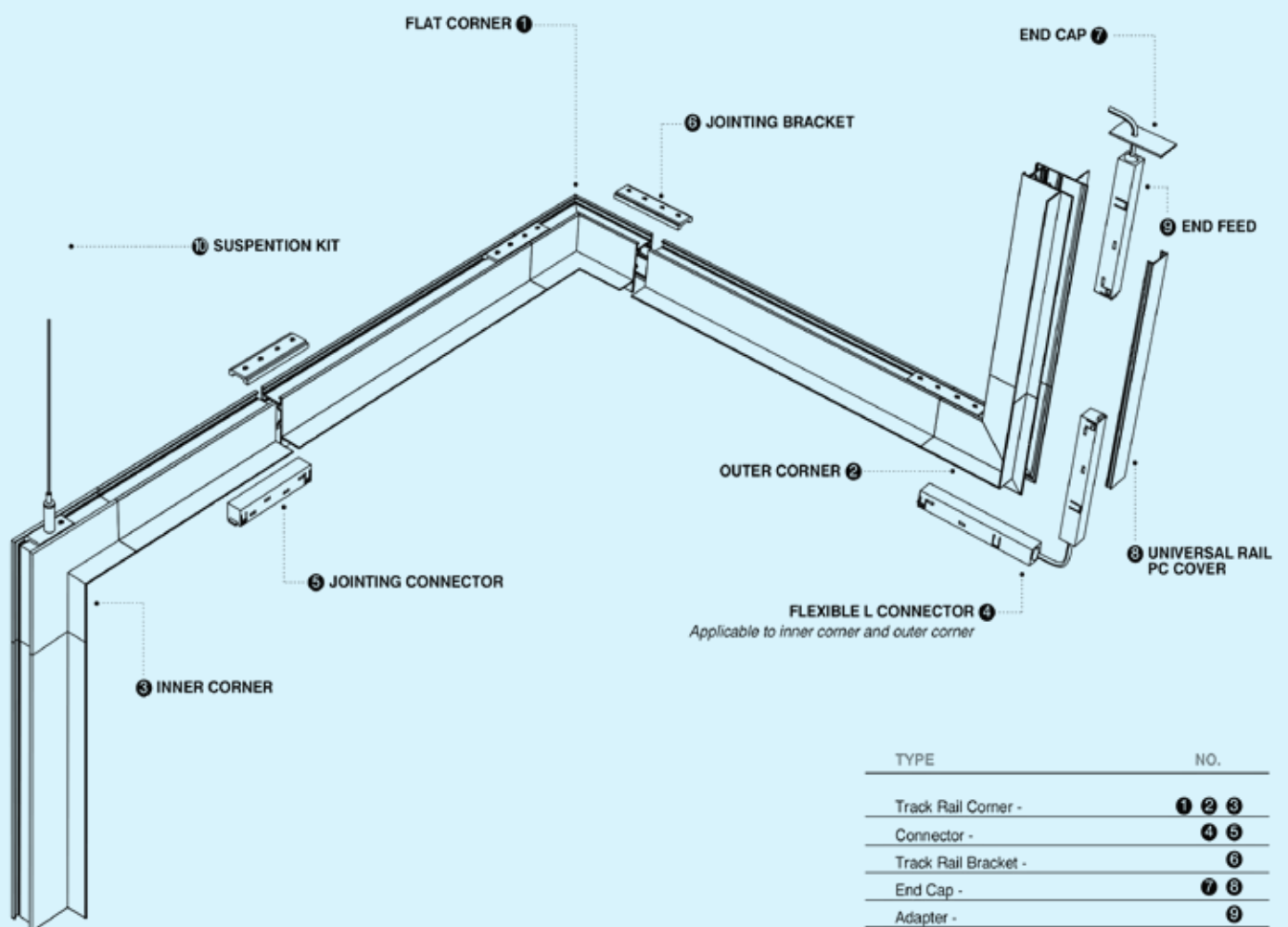


Dimension		
01	02	03
		
04	05	06
		
07	08	09
		

Power supply

Recessed & Surface mounted Rail electrical Connectors

The 48V Constant voltage power supply and connectors are magnetically connected using mounted connection recessed and Surface mounted Rail. This type of connector of the power supply and the existing electrical connectors allows the addition of more lights even after the rails are installed.

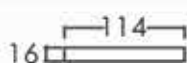




Technical Data

Manufacturer	Mean Well LRS-150-48
Power	50 - 200 Watt
Voltage	48 V
Operating Temperature	-20 ~ +50
Rated Life Hours	35000-50000 Hours

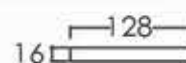
Dimension



01



02



03



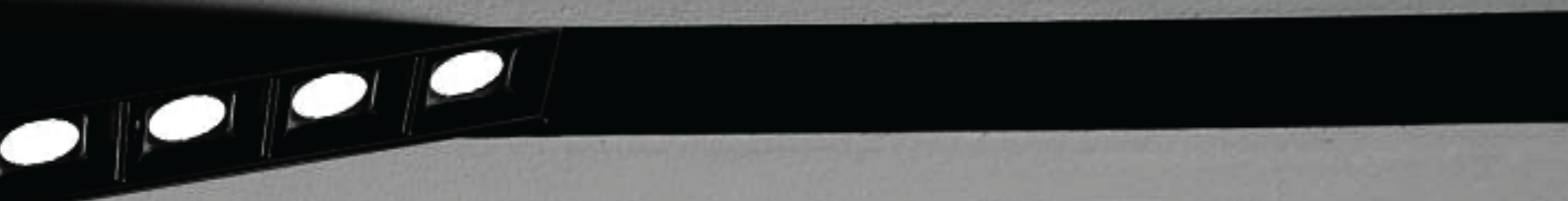
The experience of light Line & Design

SPL lighting group

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Wellbeing of light





Contact us

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Website: WWW.buyspl.com



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