

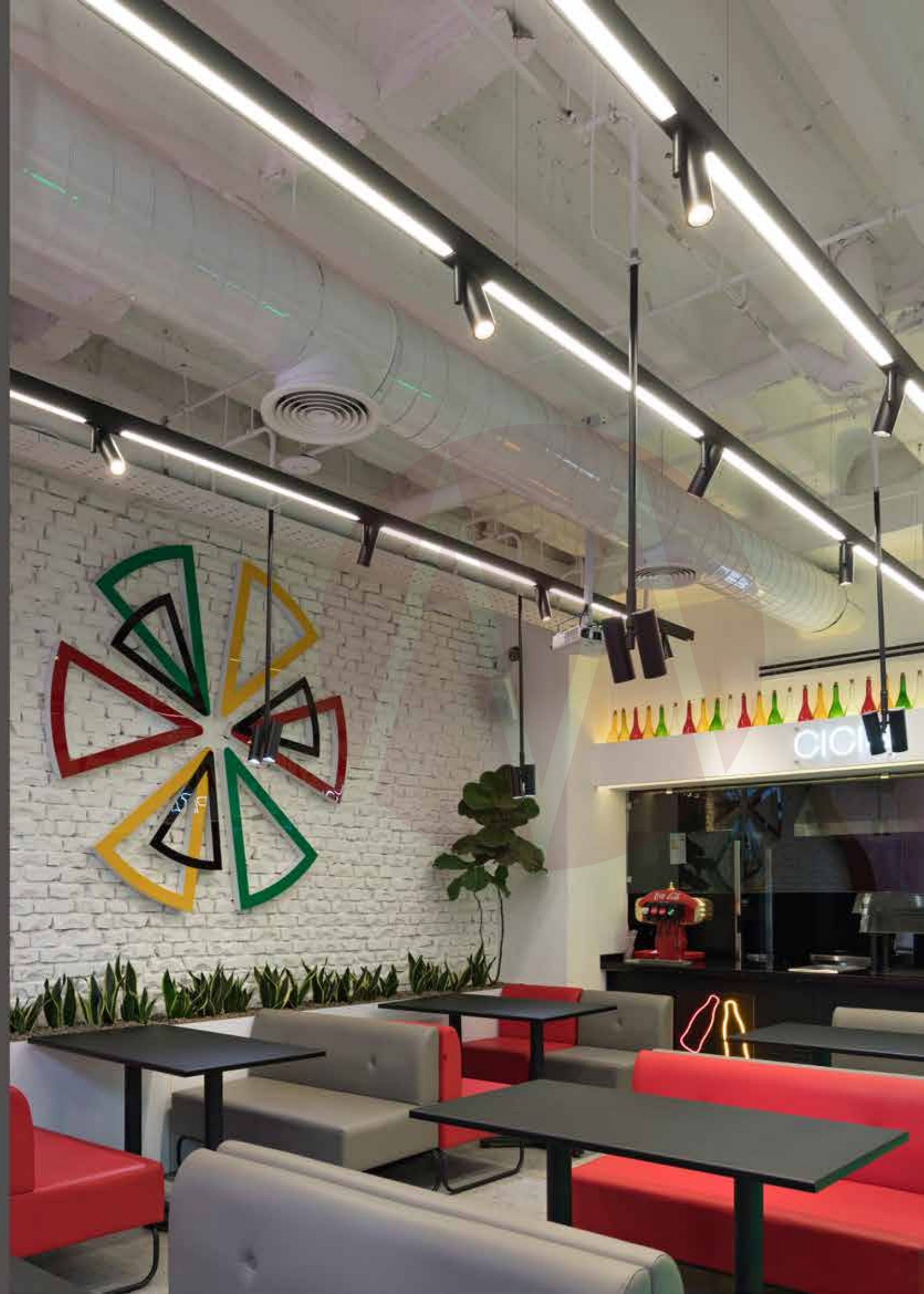
MODULAR PRO LIGHTING



Modular pro
www.Modularprolighting.com

ABOUT MODULAR PRO LIGHTING

Having access to the state-of-the-art and high-quality lighting products has always been a concern for the architects and interior designers. Analyzing the similar products of the leading lighting companies in the world, Modular Pro Lighting Company has localized, designed and produced cutting-edge lighting products due to their demand in domestic market. The expert team of Modular Pro has provided a diverse variety of the latest lighting products with high-quality and reasonable price for designers and architects by processing and developing modular thinking in design, manufacturing and product installation. Having the ability to compete with similar products from overseas has made Modular Pro Lighting Company one of the main choices for designers and architects. We hope that we will be able to play a significant role both in domestic and foreign market by producing and introducing Iranian high-quality products to the world.





GUARANTEE

At Modular pro we pride ourselves on offering the highest quality products, using only the best components and materials to guarantee long-life performance, superior light output and enhanced durability. To reflect the high quality for product, every Modular pro LED Lighting product comes complete with a 2 YearS, No Quibble, Free Replacement Guarantee.

Modularity

Modularity is about creating one design that has multiple applications. Extending product families beyond what seems possible. Assisting, stimulating and inspiring interior designers and architects, with almost limitless options. Our fixtures and linear lighting strengthen the architecture of residential homes, hospitality venues, shops and offices. Our showrooms, sales organization and vast network of partners make us truly nominant.



Dimmer

Dimmable Light

Remote Control Everything!



Wireless Remote

2.4G Remote

4 Channel

120 Lamp Support







TW
3000
6000

tunable white
lighting



6000k

5000k

4000k

3000k



This strip is great for fountains or pool decor allowing you to have strong vivid LED lighting effects where you thought it impossible. This strip has the highest ingress protection rating for our LED Strips.

IP 68

The IP68 version means the ingress protection is dust tight (number 6) just like our IP67 LED Strip. The number 8 means that it is suitable for continuous immersion in water. It means that the LED Strip is hermetically sealed and can be immersed underwater for a certain amount of time.

Index

Families	Page Number	Informations				Type	Features	Website
		PRICE	SIZE	EASY INSTALATION	MODULE VARIETY			
VANESSA	22_55	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	Modular	<div><div></div><div></div><div></div><div></div></div>	
VANESSA SD	56_83	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	Modular	<div><div></div><div></div><div></div><div></div></div>	
ARENA	84_105	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	Linear	<div><div></div><div></div><div></div><div></div></div>	
NURILO	106_135	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	Modular	<div><div></div><div></div><div></div><div></div></div>	

Families	Page Number	Informations			
		PRICE	IBB	EASY INSTALLATION	MODULE VARIETY
LINUX	135_169				
FERMO	170_201				
MOTION	202_229				
Woolly	230_241				

Type
Modular
Linear
Spot
Linear/Surface

Features	Website



Vanessa

Modular pro lighting

Dimmable



Magnetic(PNP)



Remote Control



Module Controller



Choosable size



Modular



Multiple Luminary



Easy installation



RGB



TW





O STUDIO OFFICE

Location: Darband, Tehran, Iran

Architect: O Studio

Date: 2021



Family Overview

Light Modules Collection

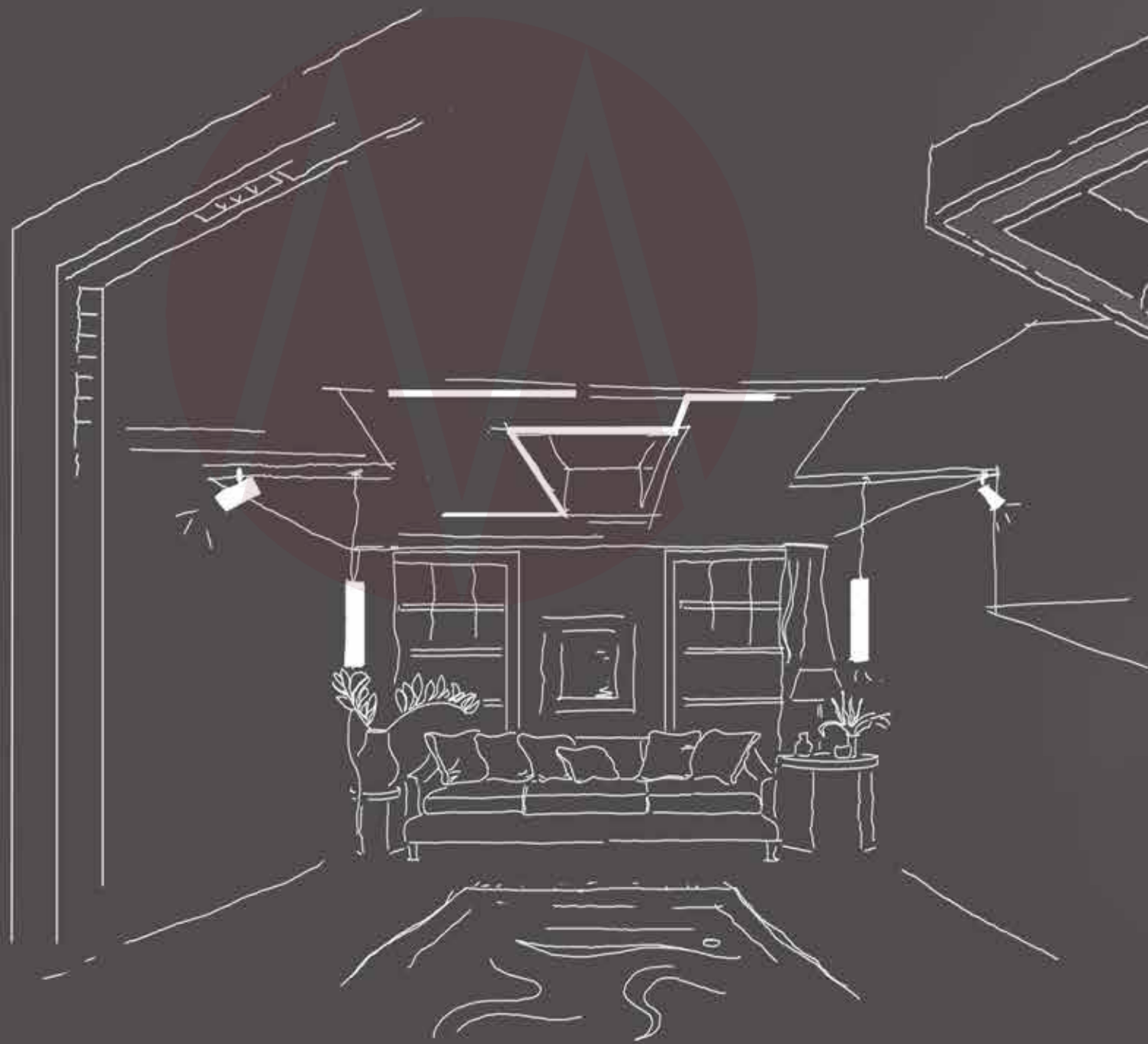
PNP Technology

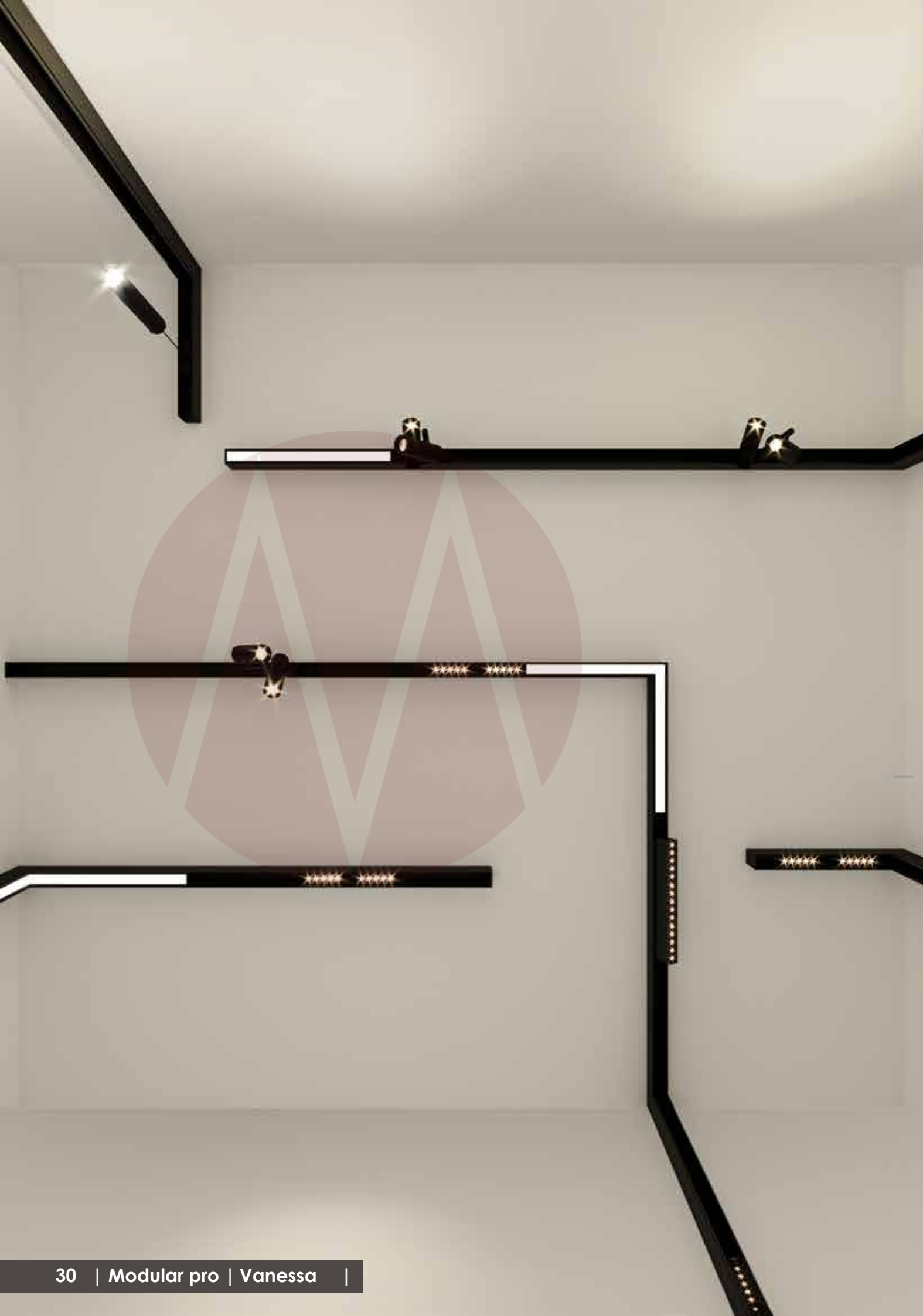
Modules

Give light , and people
will find the way

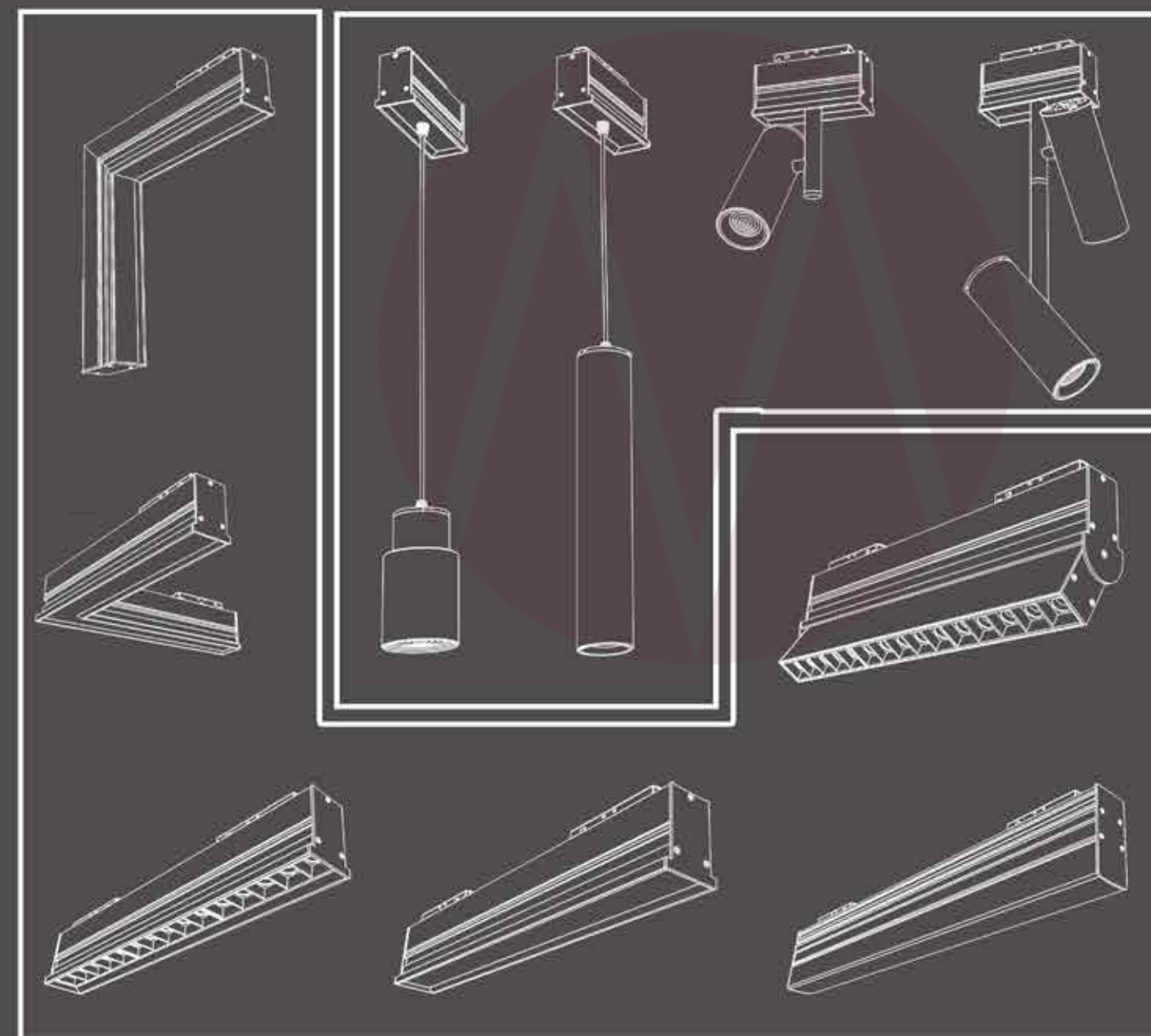
Linear lighting offers a perfect blend of style, functionality and flexibility. The versatility of our lighting ranges leads them to be a popular option for a diverse range of applications from shopfitting lighting to high-end architectural projects. We see light lines mostly used in commercial lighting designs.

Magnetic, Plug and Play, Flexible system





Choose Whatever You Want From Lights









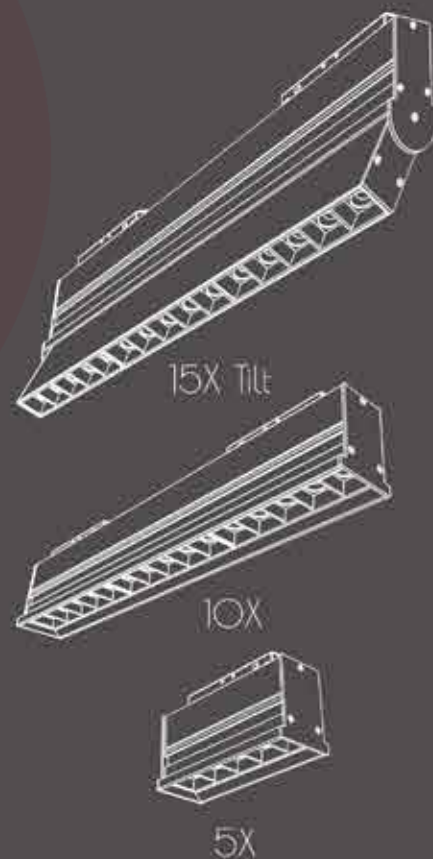
Multi Spot Dark Lights

Choose your colour
Black, White ☐ ☐

Choose the number of spots
5x, 10x, 15x

Choose your lens
Lens, Reflector

Choose your Power
5W/10 W/15 W



Dark Light Invisible Light

DARK LIGHT CONCEPT

Unobtrusive and discreet lighting setups that set a more natural mood Light, which are so discreet you can barely see the light source, can be termed dark light. So basically you can see the light but not the source unless you are standing directly under it looking up. Dark light sets a more natural mood because you cannot see the artificial light source, thereby creating unobtrusive lighting. Instead of having bright areas of light dominating a space, dark light luminaires can be used to create a discreet lighting setup where it is hard to notice where the light comes from. With discreet lighting, especially when indirect light is combined, it is possible to create a harmonious, natural lighting atmosphere. This is where dark light luminaires offer a perfect solution.



Attracts the Eyes Linear Lights

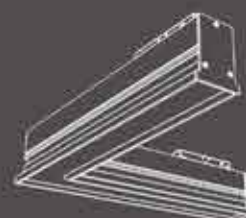
Choose Your Colour
Black, White ☐ ☐

Choose your length
30cm/60cm/120cm

Choose your Power
9W/18W/36W



Bubble Linear



Corner cw/cc



6cm*60/120cm

Lighting is Art

Because there's power in simplicity, our linear lighting collection is designed to blend effortlessly into an environment and keep the focus where it needs to be: the comfort and productivity of its occupants.



Spot light

Choose Your Colour
Black, White ☐ ☒

Choose your mount type
pendant/track

Choose Your Power
6W/12W/18W



A pendant light is a light fixture that is mounted to the ceiling and hangs down from the ceiling on a rod, chain or, sometimes, on a few chains. It's suspended like the pendant on a necklace, and that's where it gets its name.

Good pendant lighting requires both function and aesthetic. Whether you're setting up pendant lights in a home, business office, warehouse, or anywhere else, these remain important factors. If your pendant lights are either too bright or too weak, it can damage the aesthetic of the entire room.



Pendant light

Pendant light

Track light

A vertical, minimalist lamp with two glowing rectangular light fixtures on a dark pole. The lamp is composed of a dark, cylindrical pole with two rectangular light fixtures attached. The top fixture is a dark, rectangular box with a glowing yellow light inside. The bottom fixture is a similar dark, rectangular box with a glowing yellow light inside. The background is a light gray with a faint, abstract, curved shape in the upper right corner.

Modular pro | Vanessa



The multi-track and magnetic lighting system available in the Vanessa family makes it possible to install the right rail in any environment. According to the arrangement of each part and lighting needs, the appropriate lighting, including linear, track, or dark light, the ability to change the lights, help you to have a dynamic environment and change the lighting of the room depending on the new function.

The multi-track and magnetic lighting system available in the Vanessa family makes it possible to install the right rail in any environment. According to the arrangement of each part and lighting needs, the appropriate lighting, including linear, track, or dark light, the ability to change the lights, help you to have a dynamic environment and change the lighting of the room depending on the new function.



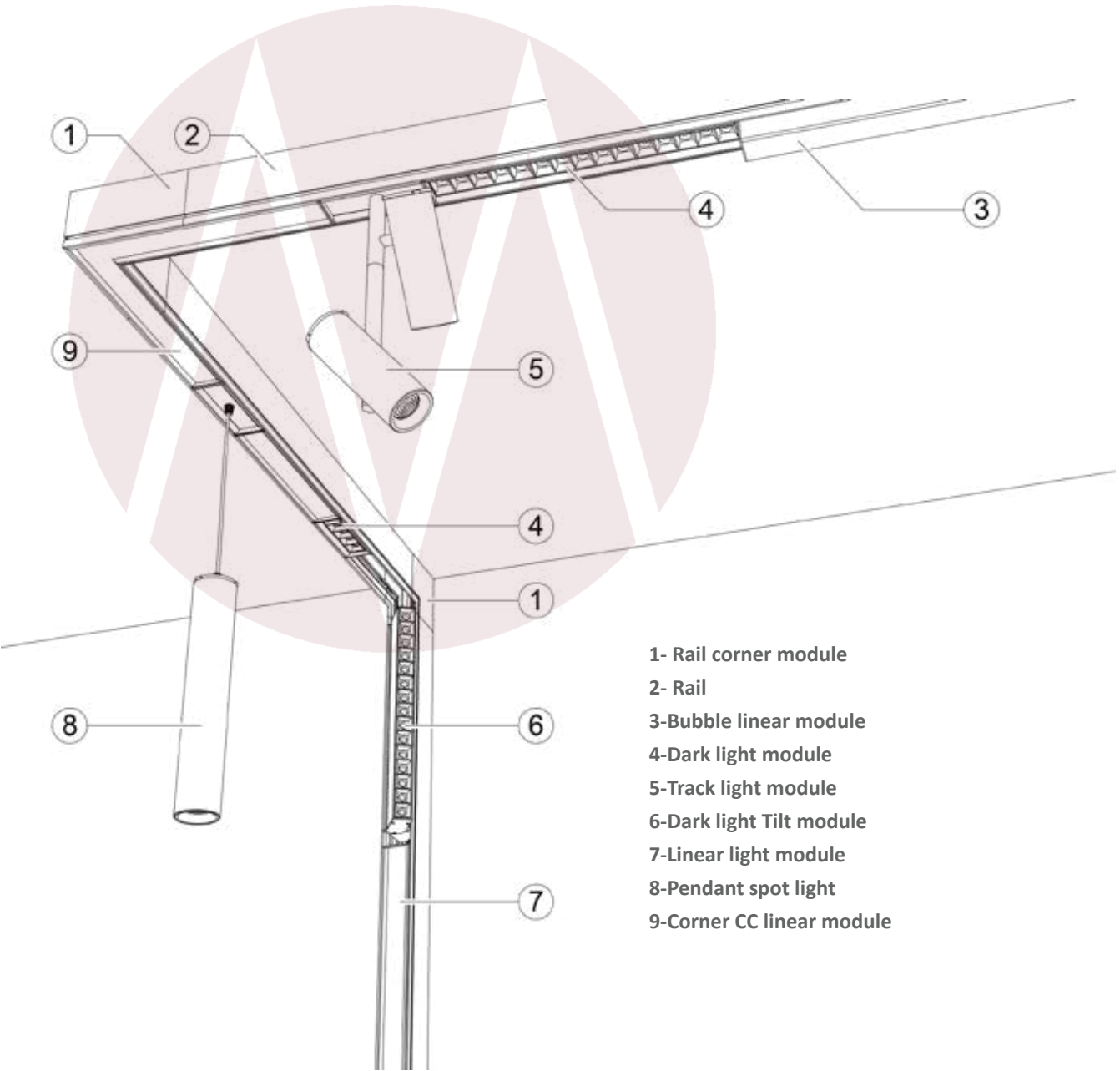
Vanessa innovative magnetic linear lighting system snaps into place and connects automatically by magnetic force. No tools are required, and both general and accent lighting can be held in place by magnetic force at the same time.

The modern design of this magnetic linear system can complement the architecture of any room. The tracks can run around and across walls and ceilings with a combination of spotlights, wall washers, linear diffused lights and adjustable linear lights to define lines of light in the building geometry.

TECHNICAL INFORMATION OVER VIEW

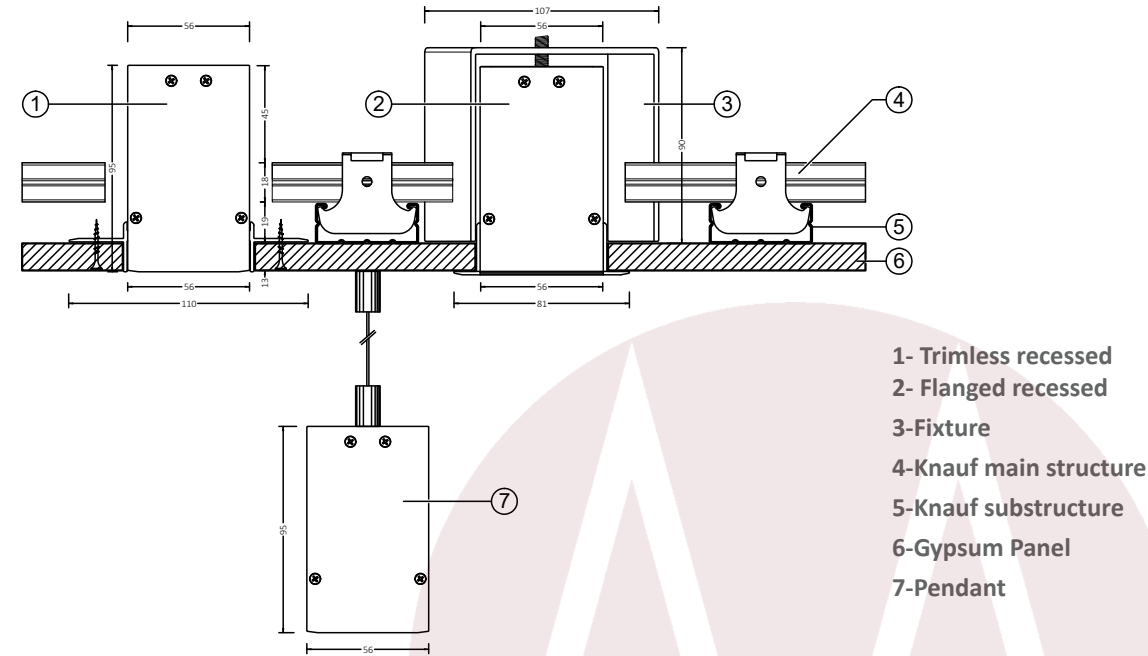
Intended use

- Easy to install
- Set up after dry-wall installation
- Fast installation
- Easy to repair
- Long life span
- No space is needed for power supply(220V)
- Easy to adjust the length without manipulating LED modul
- Suitable for indoor use (IP43)
- Compatible with dry-wall details
- Suitable for various applications (flanged recessed/pendant and surface mounted)

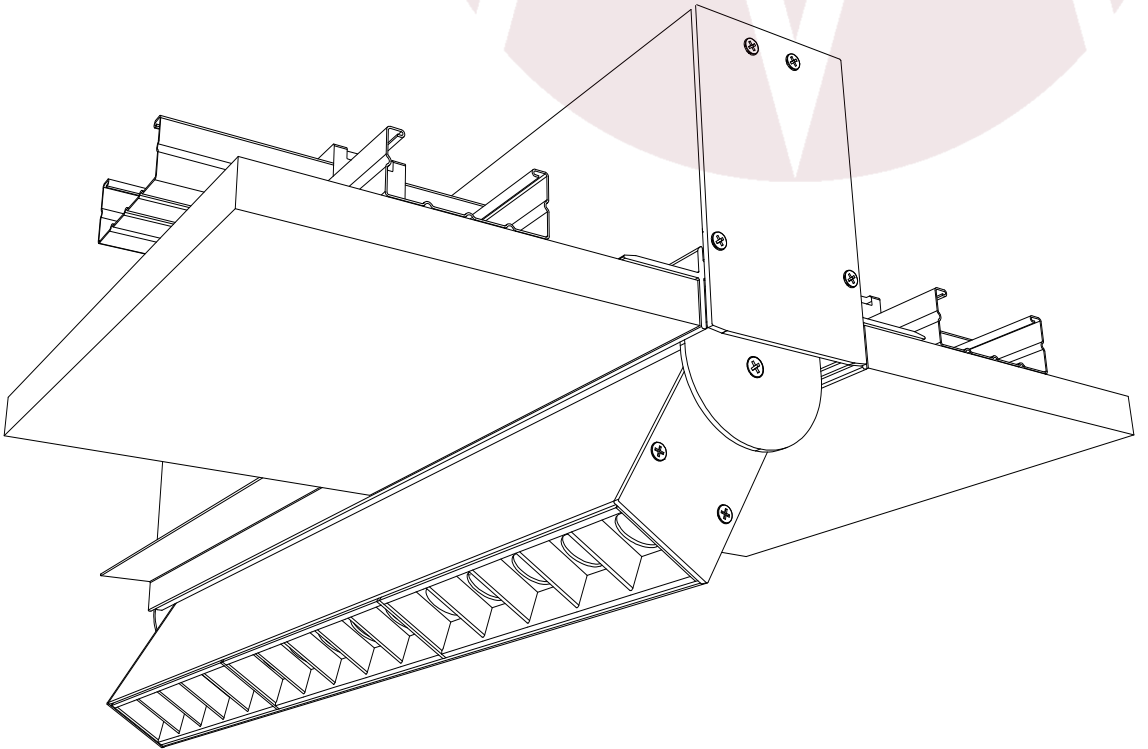


INSTALLATION DETAILS

Application



Recessed Application Detail



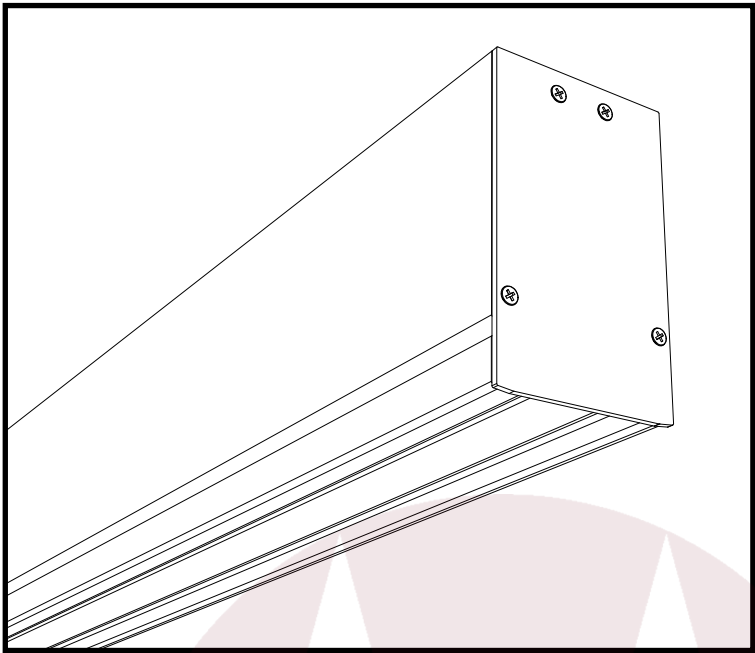
General information

Applications		
Trimless recessed		Available
Flanged recessed		Available
Surface mounted		Available
Pendant		Available

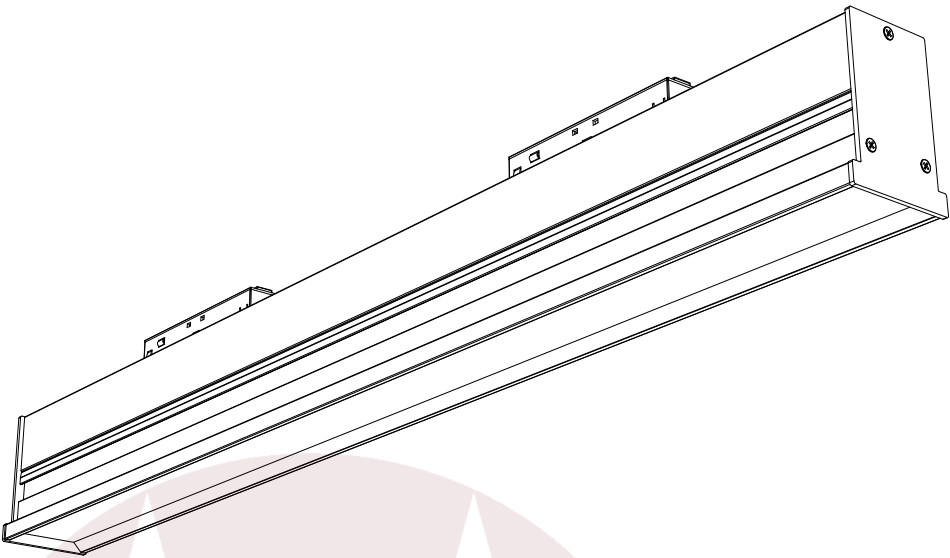
Material/Surface		
Main body		Extruded alminium
Body paint		Electrostatic paint
Body colors		White/Sand Gray/Black
Diffuser		Extruded polycarbonate
Fixture		Plated steel
IP		42

Related products		
01	Linear light module	Available
02	Dark light module	Available
03	Tilt light module	Available
04	Track light module	Available
05	Pendant light module	Available
06	Bubble light module	Available

Rail information



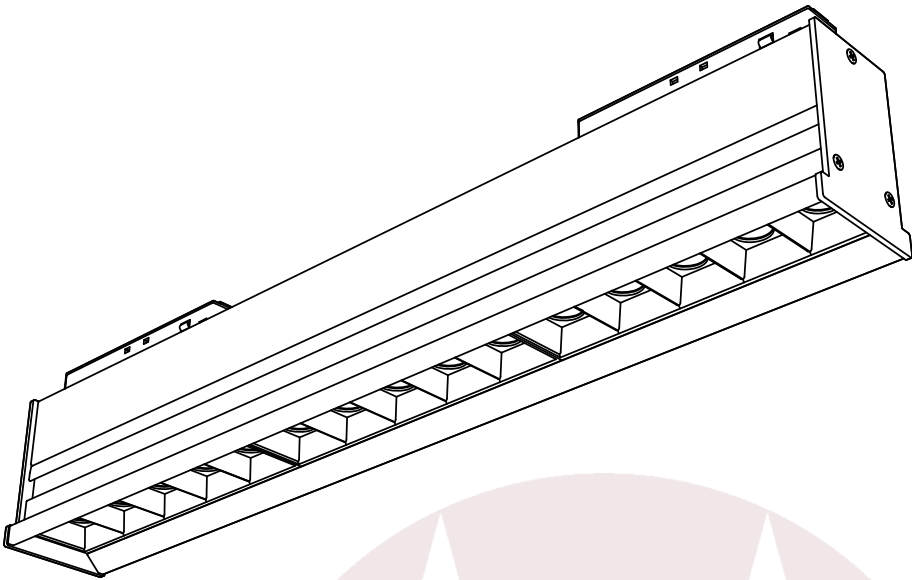
Rail	Surface mounted	Flanged	Trimless
Profile width[mm]	56	81	56
Profile height[mm]	95	95	95
Total height[mm]	95	130	95
Length[mm]	Unlimited		
Gap width for installation[mm]	—	60	56
Weight[kg/m]	1.6	2.1	2.2



Physical properties	30	60	120
Profile width[mm]		49	
Profile height[mm]		67	
Weight[kg]	0.4	0.8	1.5

Electrical specifications	30	60	120
Power[w]	5_9	9_18	18_36
Dimmable		Optional	
LED class		A&B	
LED circuit		Contant Current	
Working temperature		-25degree~+50degree	
Input voltage		210~ 265 v	
THD		<15%	
PF[%]		>0.9	
Driver type		Isolate	
Driver current[mA]		240	
Life span[hrs]		>50000	

Exposure	30	60	120
Lumens[lm]	650_1300	1300_2600	2600_5200
Beam angle		120	
Mac Adam index		3	
Available temperatures[k]		3000/4000/5000	
Efficiency[lm/w]		80	
CRI		>80	

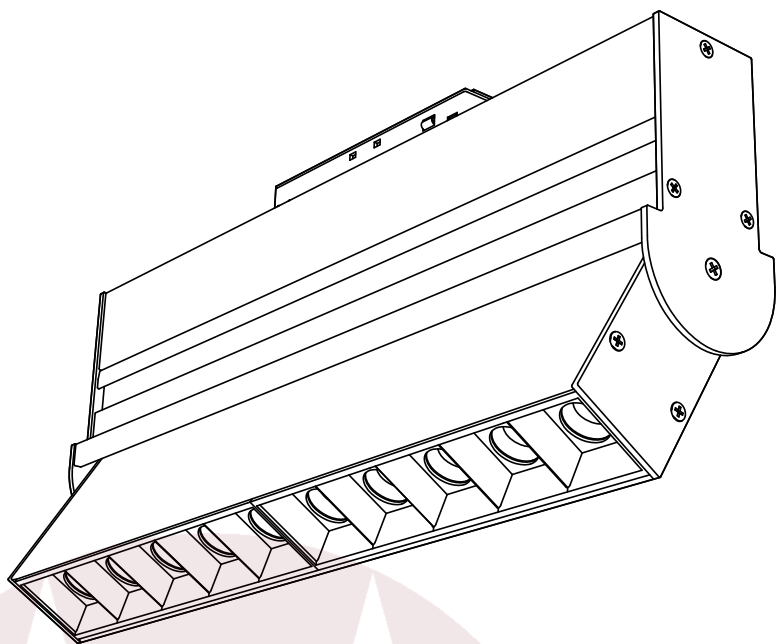


Physical properties	5x	10x	15x
Profile width[mm]		49	
Profile height[mm]		67	

Electrical specifications	5x	10x	15x
Power[w]	5_10	10_20	15_30
Dimmable		Optional	
LED class		A	
LED circuit		Contant Current	
Working temperature		-25degree~+50degree	
Input voltage		210 ~ 265 v	
THD		<15%	
PF[%]		>0.9	
Driver type		Isolate	
Driver current[mA]		240	
Life span[hrs]		>50000	

Exposure	5x	10x	15x
Lumens[lm]	650_1300	1300_2600	1950_3900
Beam angle		15°	
Mac Adam index		3	
Available temperatures[k]		3000/4000	
Efficiency[lm/w]		130	
CRI		>80	

Tilt module

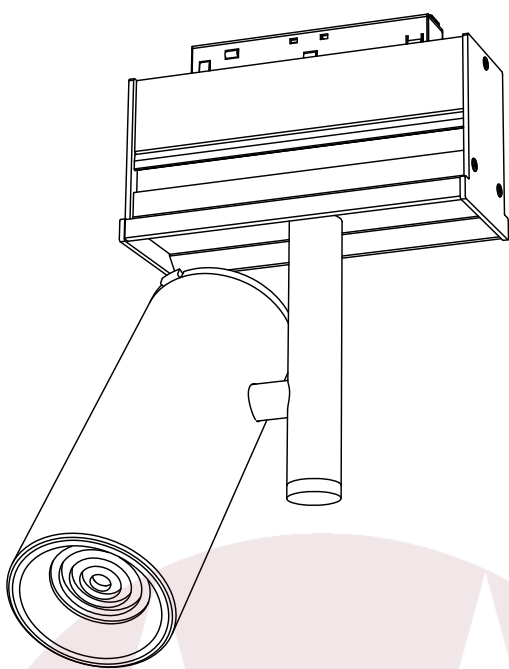


Physical properties	5x	10x	13x
Profile width[mm]		36	
Profile height[mm]		131	

Electrical specifications	5x	10x	13x
Power[w]	5_10	10_20	15_30
Dimmable		Optional	
LED class		A&B	
LED circuit		Contant Current	
Working temperature		-25degree +50degree	
Input voltage		210 265 v	
THD		<15%	
PF[%]		>0.9	
Driver type		Isolate	
Driver current[mA]		240	
Life span[hrs]		>50000	

Exposure	5x	10x	13x
Lumens[lm]	650_1300	1300_2600	1950_3900
Beam angle		15 °	
Mac Adam index		3	
Available temperatures[k]		3000/4000	
Efficiency[lm/w]		130	
CRI		>80	

Track light module

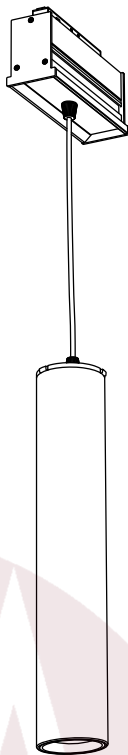


Physical properties	315	617	817
Diameter	27	60	80
Height[mm]	150	170	170

Electrical specifications	315	617	817
Power[w]	6	12	18
Dimmable		Optional	
LED class		B	
LED circuit		Contant Current	
Working temperature		-25degree~+50degree	
Input voltage		210~ 265 v	
THD		<15%	
PF[%]		>0.9	
Driver type		Isolate	
Driver current[mA]		300	
Life span[hrs]		>50000	

Exposure	315	617	817
Lumens[lm]	780	1560	2340
Beam angle		38 °	
Mac Adam index		3	
Available temperatures[k]		3000/4000	
Efficiency[lm/w]		130	
CRI		>80	

Pendant light module

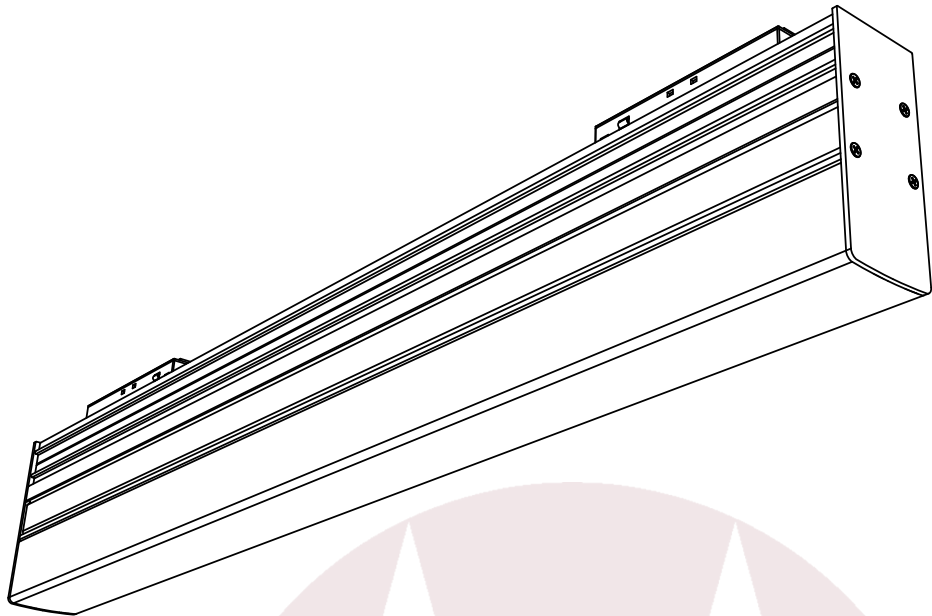


Physical properties	325	625	617	810	815
Diameter	27 Φ	60 Φ	60 Φ	80 Φ	80 Φ
Height[mm]	250	250	170	100	150

Electrical specifications	325	625	617	810	815
Power[w]	3		12		18
Dimmable			Optional		
LED class			B		
LED circuit			Contant Current		
Working temperature			-25degree~+50degree		
Input voltage			210 ~ 265 v		
THD			<15%		
PF[%]			>0.9		
Driver type			Isolate		
Driver current[mA]			300		
Life span[hrs]			>50000		

Exposure	325	625	617	810	815
Lumens[lm]	390		1560		2340
Beam angle	15°		38°		
Mac Adam index			3		
Available temperatures[k]			3000/4000		
Efficiency[lm/w]			130		
CRI			>80		

Bubble module light



Physical properties	30	60	120
Profile width[mm]		49	
Profile height[mm]		67	
Weight[kg]	0.4	0.8	1.5

Electrical specifications	30	60	120
Power[w]	5_9	9_18	18_36
Dimmable		Optional	
LED class		A&B	
LED circuit		Contant Current	
Working temperature		-25degree~+50degree	
Input voltage		210 ~ 265 v	
THD		<15%	
PF[%]		>0.9	
Driver type		Isolate	
Driver current[mA]		240	
Life span[hrs]		>50000	

Exposure	30	60	120
Lumens[lm]	650_1300	1300_2600	2600_5200
Beam angle		230	
Mac Adam index		3	
Available temperatures[k]		3000/4000/5000	
Efficiency[lm/w]		80	
CRI		>80	



Vanessa SD

Modular pro lighting

Dimmable



Magnetic(PNP)



Remote Control



Module Controller



Choosable size



Modular



Multiple Luminary



Easy installation



RGB



TW





LIFE IS COMPOSED OF LIGHT AND SHADOW



Family Overview

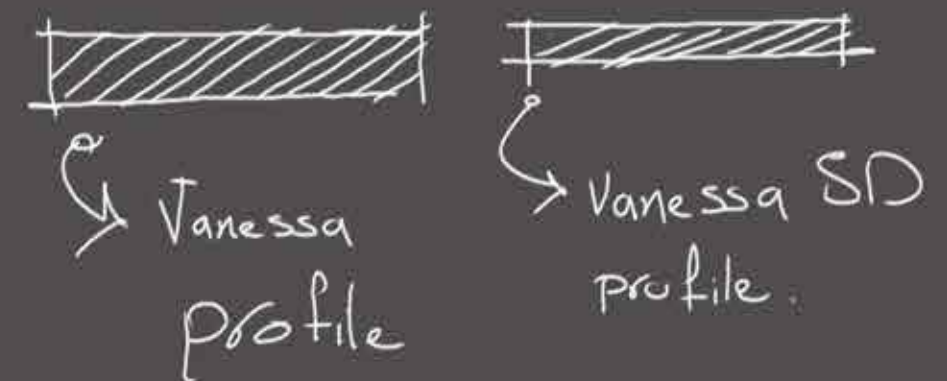
Light Modules Collection

PNP Technology

Modules

Shorter, Thinner, lighter
slim profile
& Modules.

Elevation,



Light is the soul of
Architecture

Create extraordinary lighting solutions that reach a new level of elegance and flexibility! The miniaturized slim light sources can be integrated perfectly into the architecture to achieve powerful but amazing aesthetic light fixtures. This rigid LED light source fits around corners and under shelves with a seamless and homogenous soft light and disappears even in the smallest coves or niches: the ideal solution for retail outlets, supermarkets, or the accentuation of showcases, corridors, and stairwells.

more than just lines of light

Since perfect lighting is of special importance in hotels and restaurants, it requires great attention. Sophisticated, well thought-out lighting concepts and LED lighting systems contribute significantly to create an atmosphere where guests feel at ease from the very first moment and enjoy their stay. It is essential that rooms can be cleverly divided into different zones enhancing privacy or relaxation while ensuring that public areas are brightly lit. Add a sophisticated look to hospitality projects with Modular pro Vanessa SD serie.



VILLA HANA

Location: Kordan, Tehran, Iran
Architect: Samini Architecture Studio
Date: 2021



Linear Lights

Choose Your Colour

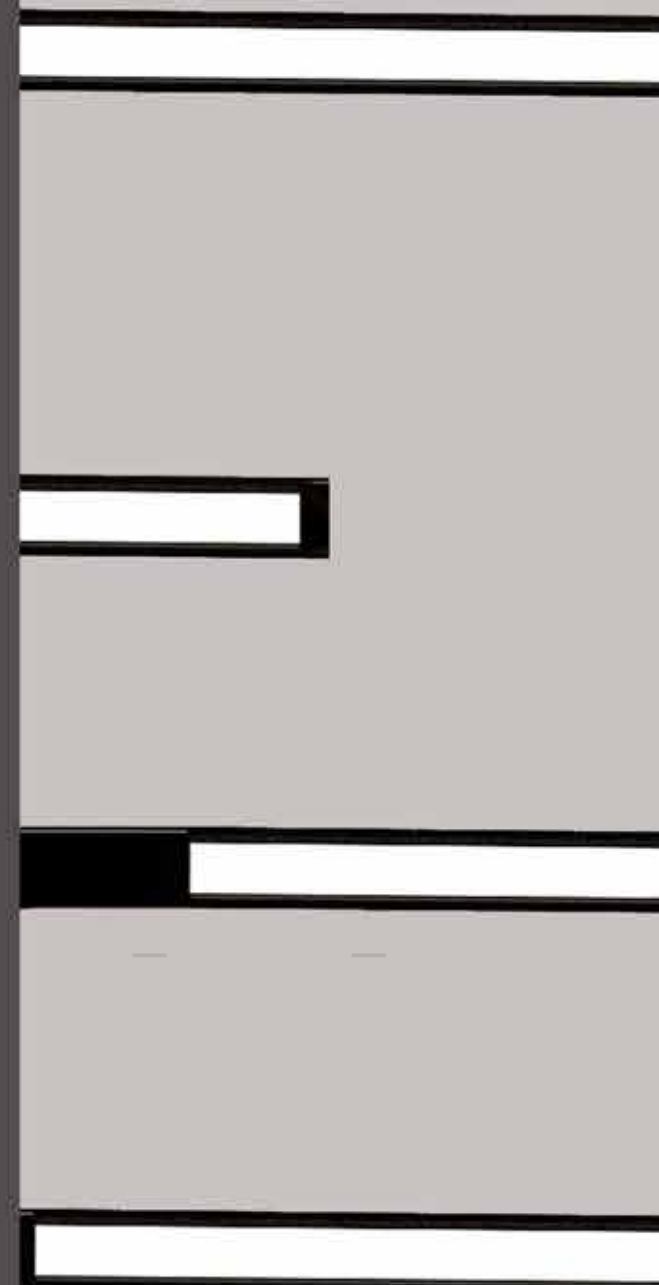
Black, White ☐ ☒

Choose your length

30cm/60cm/120cm

Choose your Power

9W/18W/36W



Various lighting options

Meet your need.

Bring lighting designs for office to a new level and add value with delicate lines when it is suitable and exactly in the length required. In fact, perfect lighting is a key prerequisite for creating a working or learning atmosphere that motivates employees, customers, school pupils or students. Our State-of-the-art LED lighting in Modular Pro provides you with numerous options to present your company, school, academy or university in a perfect light – and combine decorative, colorful light accents with white light.



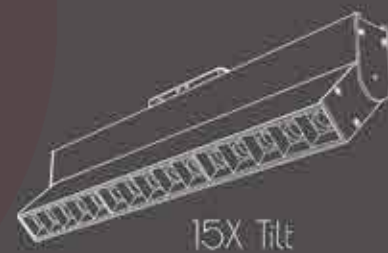
Invisible Dark Lights

Choose your colour
Black, White ☐ ☐

Choose the number of spots
5x, 10x, 15x

Choose your lens
Lens, Reflector

Choose your Power
5W/10 W/15 W



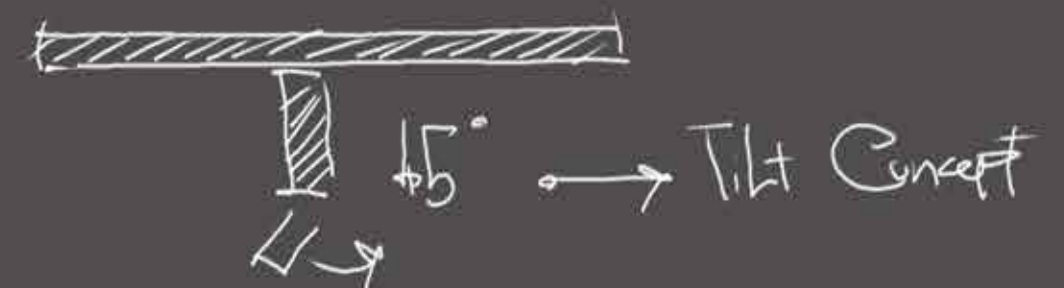
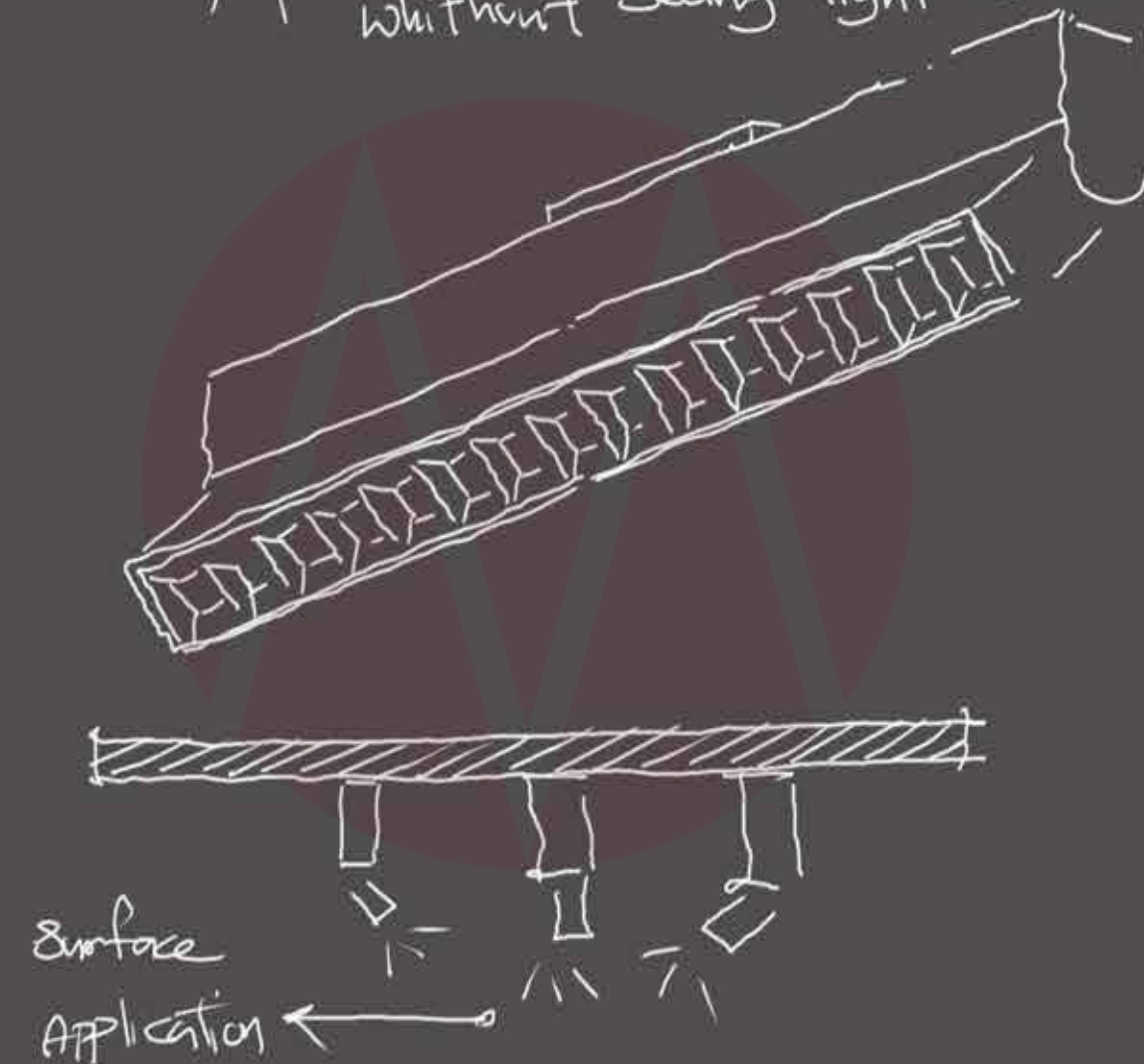
15X Tilt



10X Tilt



5X Tilt





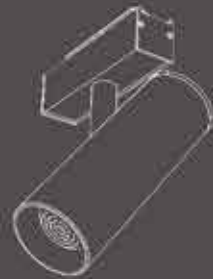
Spot light

Choose Your Colour

Black, White ☐ ☒

Choose your mount type
pendant/track

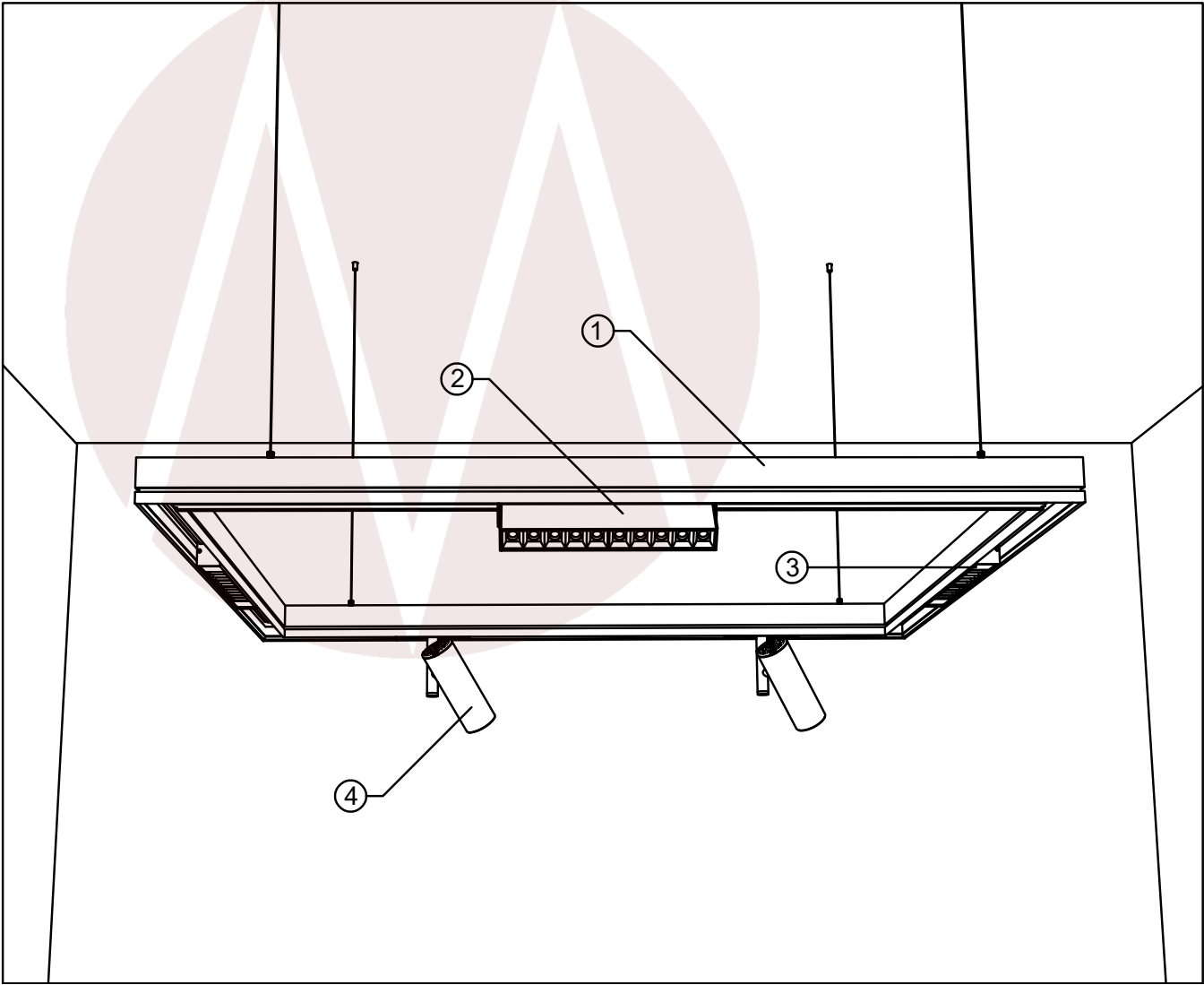
Choose Your Power
6W/12W/18W



TECHNICAL INFORMATION OVER VIEW

Intended use

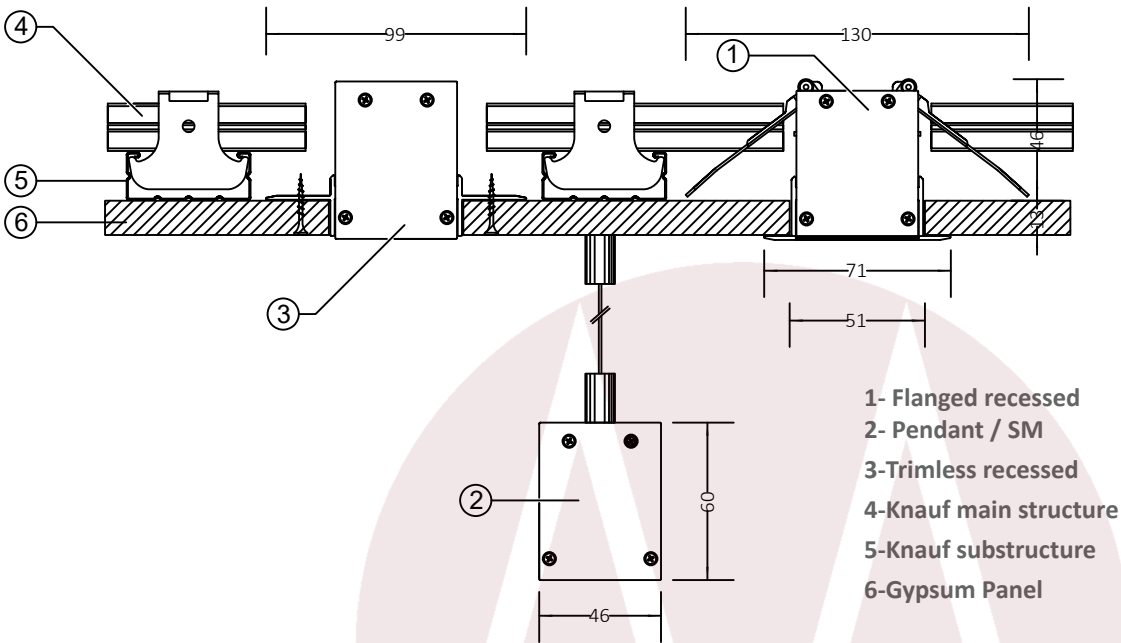
- Easy to install
- Set up after dry-wall installation
- Fast installation
- Easy to repair
- Long life span
- No space is needed for power supply(220V)
- Easy to adjust the length without manipulating LED modul
- Suitable for indoor use (IP43)
- Compatible with dry-wall details
- Suitable for various applications (flanged recessed/pendant and surface mounted)



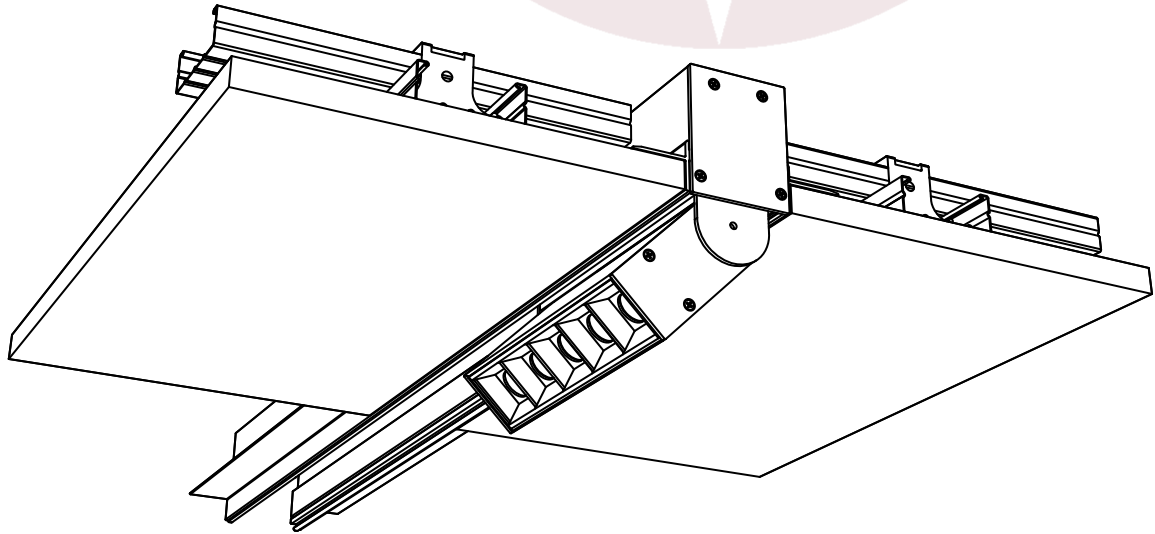
- 1- Main rail (Pendant)
- 2- Tilt dark light module
- 3-Dark light module
- 4-Track light module

INSTALLATION DETAILS

Application



Recessed Application Detail



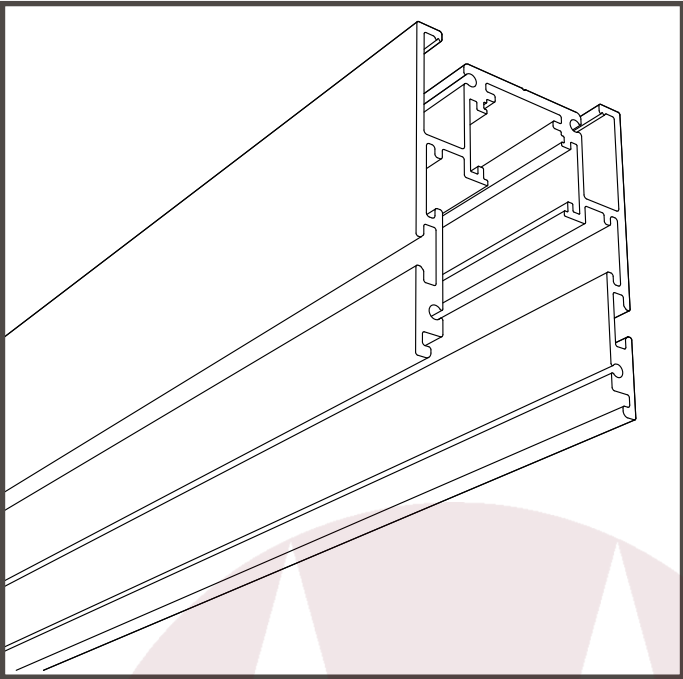
General information

Applications		
Trimless recessed		Available
Flanged recessed		Available
Surface mounted		Available
Pendant		Available

Material/Surface		
Main body		Extruded alminium
Body paint		Electrostatic paint
Body colors		White/Sand Gray/Black
Diffuser		Extruded polycarbonate
Fixture		Plated steel
IP		42

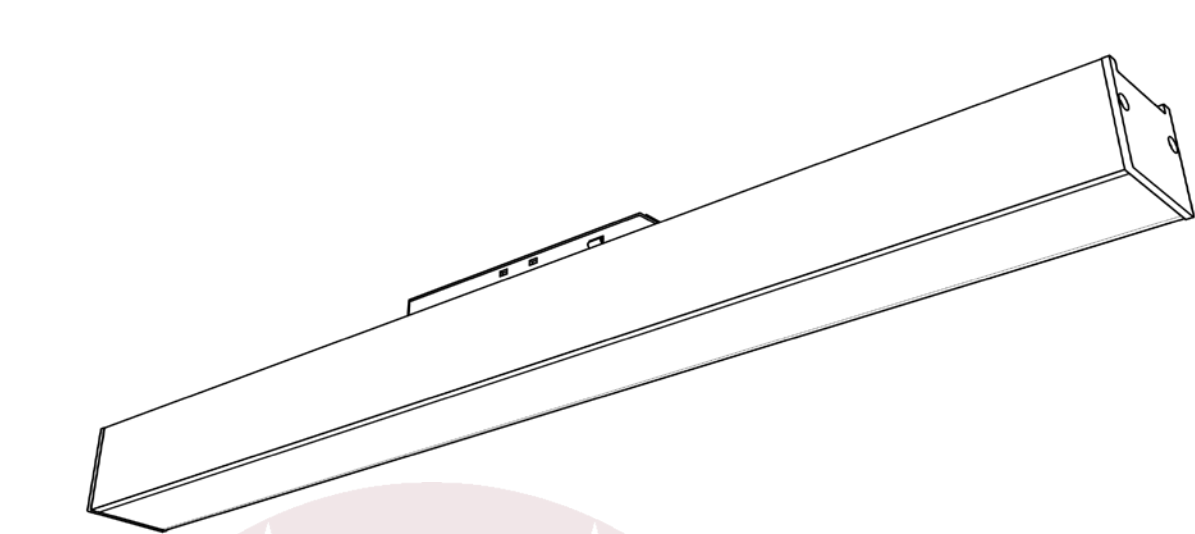
Related products		
01	Linear light module	Available
02	Dark light module	Available
03	Tilt light module	Available
04	Track light module	Available
05	Pendant light module	Available

Rail information



Rail	Surface mounted	Flanged	Trimless
Profile width[mm]	46	71	99
Profile height[mm]	60	95	60
Total height[mm]	60	61	60
Length[mm]	Unlimited >60		
Gap width for installation[mm]	—	55	—
Weight[kg/m]	1.3	1.75	1.85

Linear module

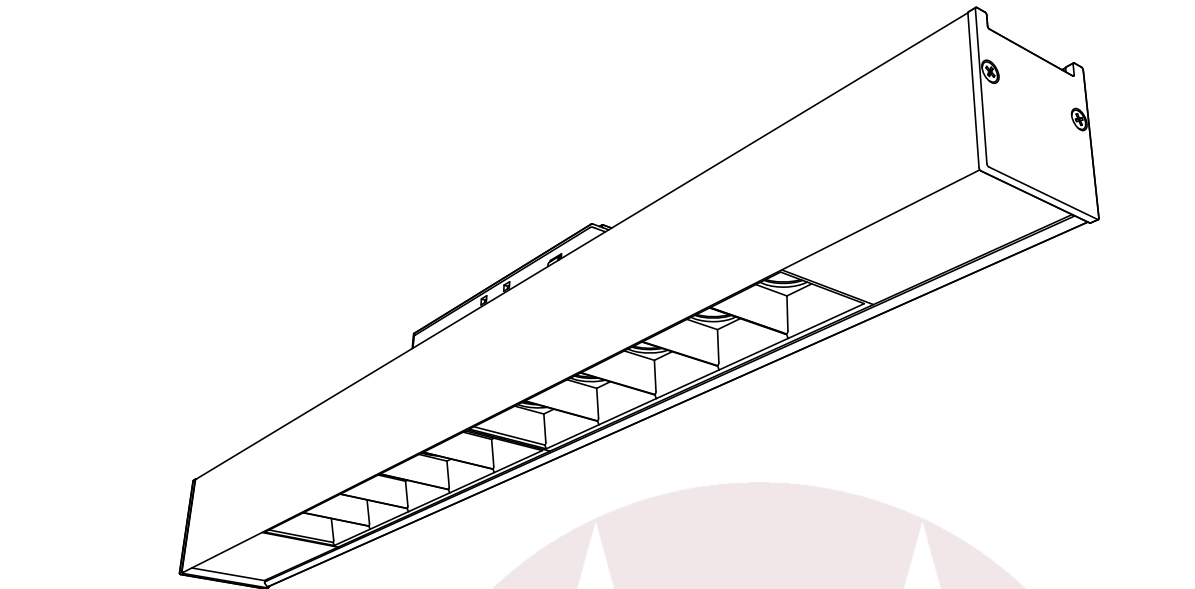


Physical properties	30 cm	60 cm	120 cm
Profile width[mm]	34		
Profile height[mm]	37		
Weight[kg]	0.4	0.8	1.6

Electrical specifications	30 cm	60 cm	120 cm
Power[w]	5_9	9_18	18_36
Dimmable	Optional		
LED class	A&B		
LED circuit	Contant Current		
Working temperature	-25degree~+50degree		
Input voltage	210~ 265 v		
THD	<15%		
PF[%]	>0.9		
Driver type	Isolate		
Driver current[mA]	240		
Life span[hrs]	>50000		

Exposure	30 cm	60 cm	120 cm
Lumens[lm]	650_1300	1300_2600	2600_5200
Beam angle	120		
Mac Adam index	3		
Available temperatures[k]	3000/4000/5000		
Efficiency[lm/w]	80		
CRI	>80		

Dark light module

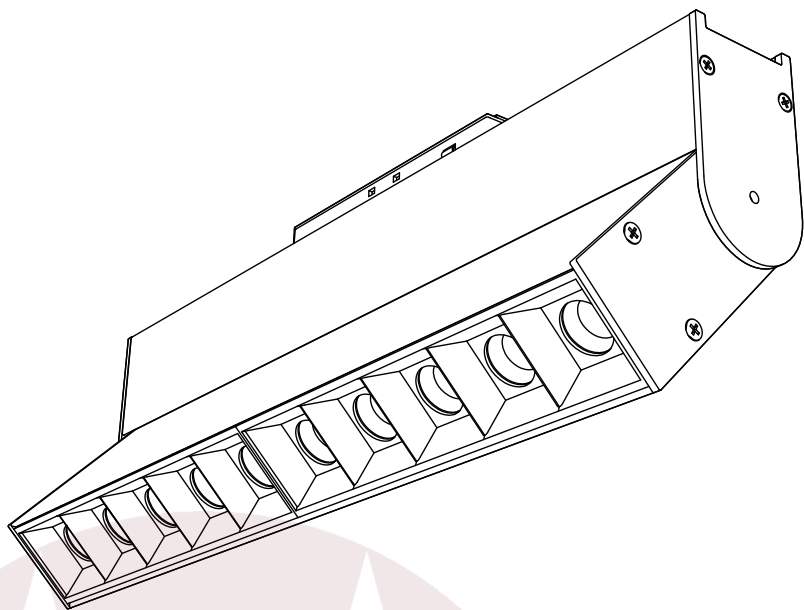


Physical properties	5x	10x	15x
Profile width[mm]	34		
Profile height[mm]	37		

Electrical specifications	5x	10x	15x
Power[w]	5_10	10_20	15_30
Dimmable	Optional		
LED class	A		
LED circuit	Contant Current		
Working temperature	-25degree~+50degree		
Input voltage	210 ~ 265 v		
THD	<15%		
PF[%]	>0.9		
Driver type	Isolate		
Driver current[mA]	240		
Life span[hrs]	>50000		

Exposure	5x	10x	15x
Lumens[lm]	650_1300	1300_2600	1950_3900
Beam angle	15°		
Mac Adam index	3		
Available temperatures[k]	3000/4000		
Efficiency[lm/w]	130		
CRI	>80		

Tilt module

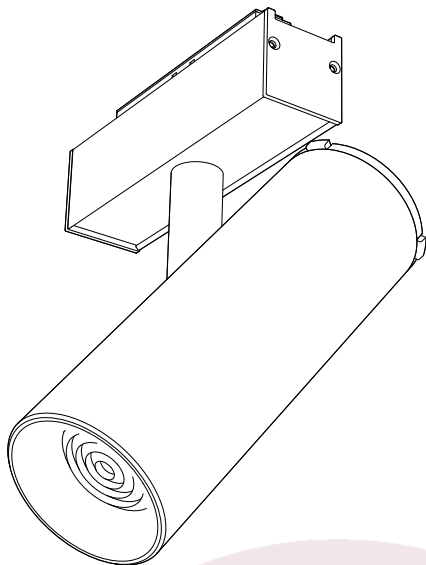


Physical properties	5x	10x	13x
Profile width[mm]		34	
Profile height[mm]		110	

Electrical specifications	5x	10x	13x
Power[w]	5_10	10_20	15_30
Dimmable		Optional	
LED class		A	
LED circuit		Contant Current	
Working temperature		-25degree~+50degree	
Input voltage		210~ 265 v	
THD		<15%	
PF[%]		>0.9	
Driver type		Isolate	
Driver current[mA]		240	
Life span[hrs]		>50000	

Exposure	5x	10x	13x
Lumens[lm]	650_1300	1300_2600	1950_3900
Beam angle		15°	
Mac Adam index		3	
Available temperatures[k]		3000/4000	
Efficiency[lm/w]		130	
CRI		>80	

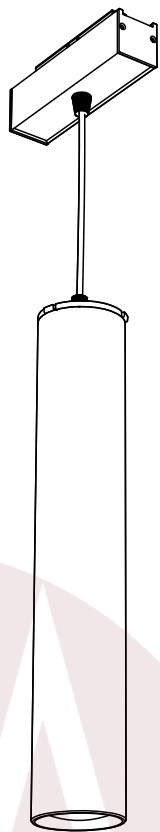
Track light module



Physical properties	315	617	817
Diameter	27	60	80
Height[mm]	150	170	170

Electrical specifications	315	617	817
Power[w]	6	12	18
Dimmable		Optional	
LED class		B	
LED circuit		Contant Current	
Working temperature		-25degree~+50degree	
Input voltage		210~ 265 v	
THD		<15%	
PF[%]		>0.9	
Driver type		Isolate	
Driver current[mA]		300	
Life span[hrs]		>50000	

Exposure	315	617	817
Lumens[lm]	780	1560	2340
Beam angle		38°	
Mac Adam index		3	
Available temperatures[k]		3000/4000	
Efficiency[lm/w]		130	
CRI		>80	



Physical properties	325	625	617	810	815
Diameter	27 Ø	60 Ø	60 Ø	80 Ø	80 Ø
Height[mm]	250	250	170	100	150

Electrical specifications	325	625	617	810	815
Power[w]	3		12		18
Dimmable	Optional				
LED class	B				
LED circuit	Contant Current				
Working temperature	-25degree~+50degree				
Input voltage	210 ~ 265 v				
THD	<15%				
PF[%]	>0.9				
Driver type	Isolate				
Driver current[mA]	300				
Life span[hrs]	>50000				

Exposure	325	625	617	810	815
Lumens[lm]	390		1560		2340
Beam angle	15°		38°		
Mac Adam index	3				
Available temperatures[k]	3000/4000				
Efficiency[lm/w]	130				
CRI	>80				



A technical sheet is a summary of products that identifies the features, specifications, and other criteria of different lighting systems that the user will need to understand in order to choose the best option.



Dimmable



Magnetic(PNP)



Remote Control



Module Controller



Choosable size



Modular



Multiple Luminary



Easy installation



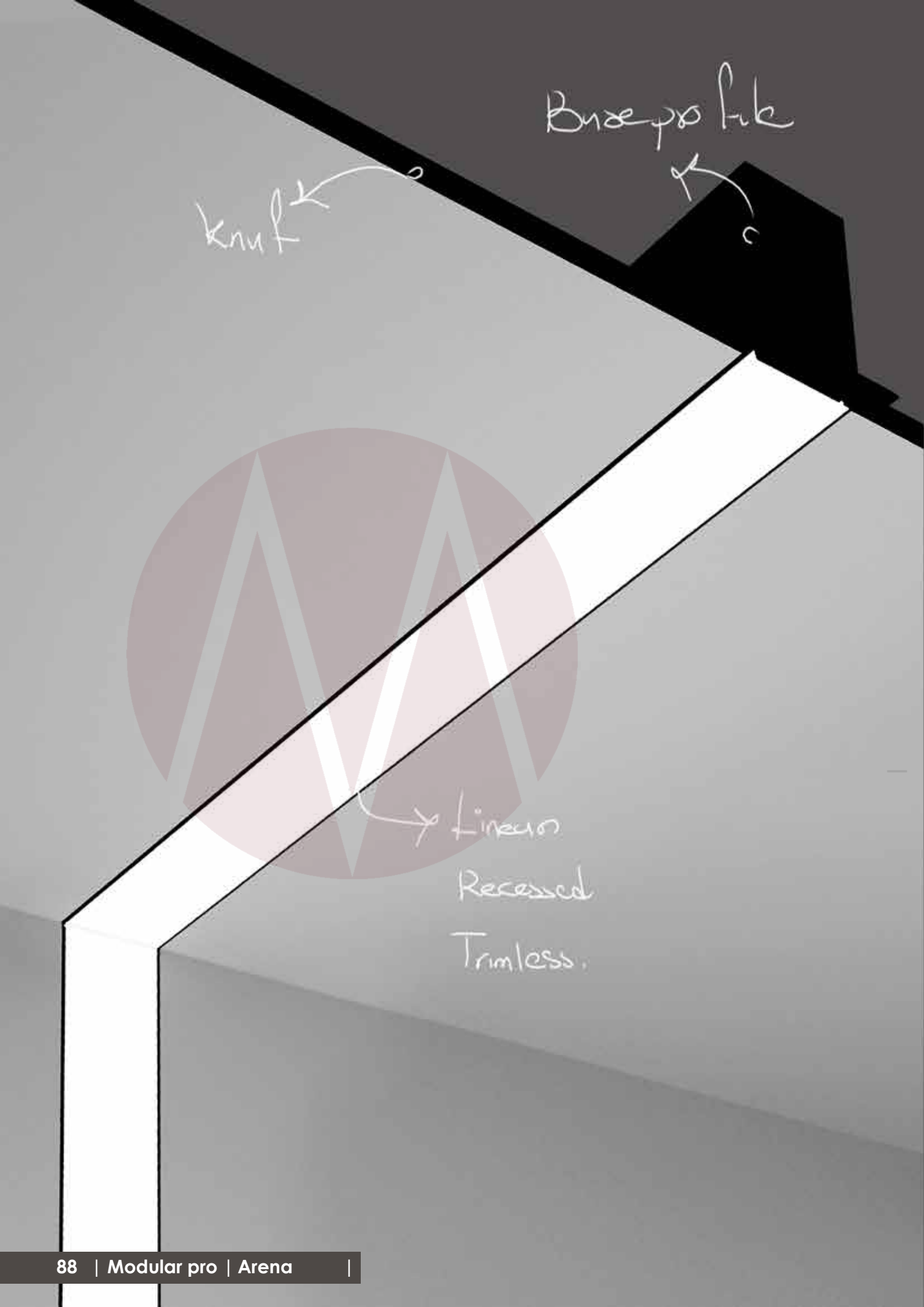
RGB



TW







Büxprofil

knut

Linear
Recessed
Trimless.

family overview

Arena series

Features

Types

Technical Data

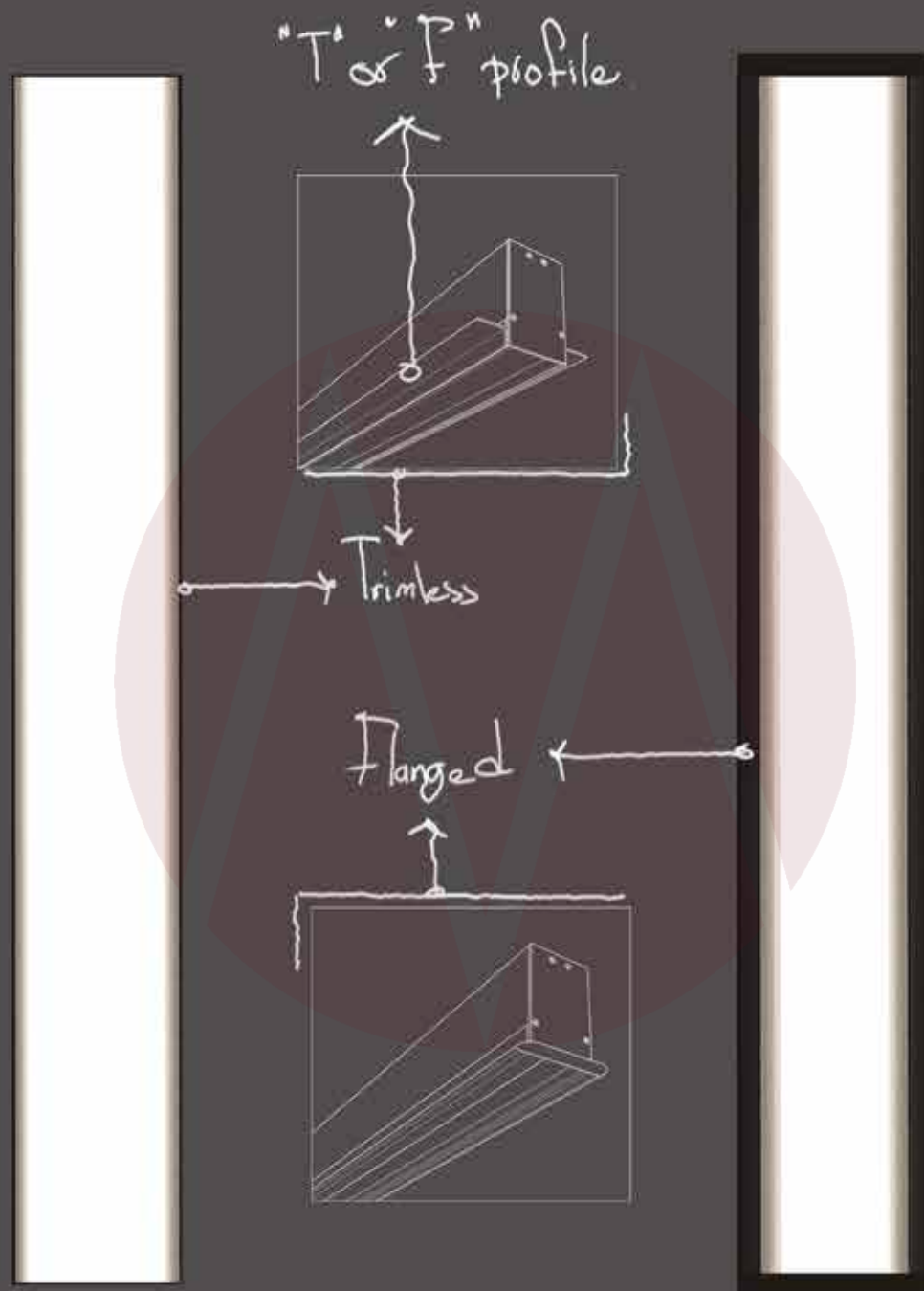
Accessories



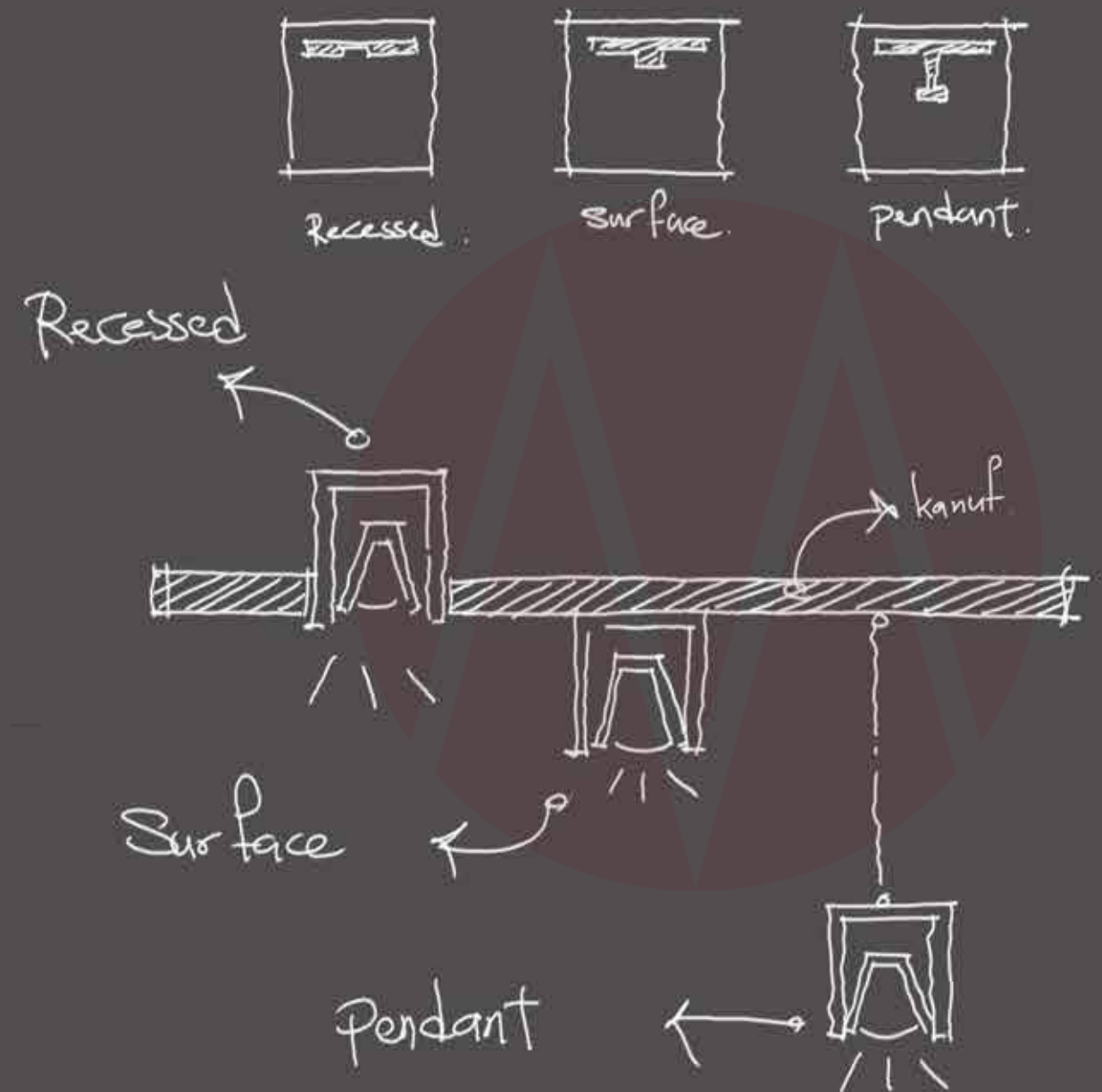


The resizable modules of Arena family help us to change the amount, size, and design of the light dynamically to meet our temporary and long-term needs.

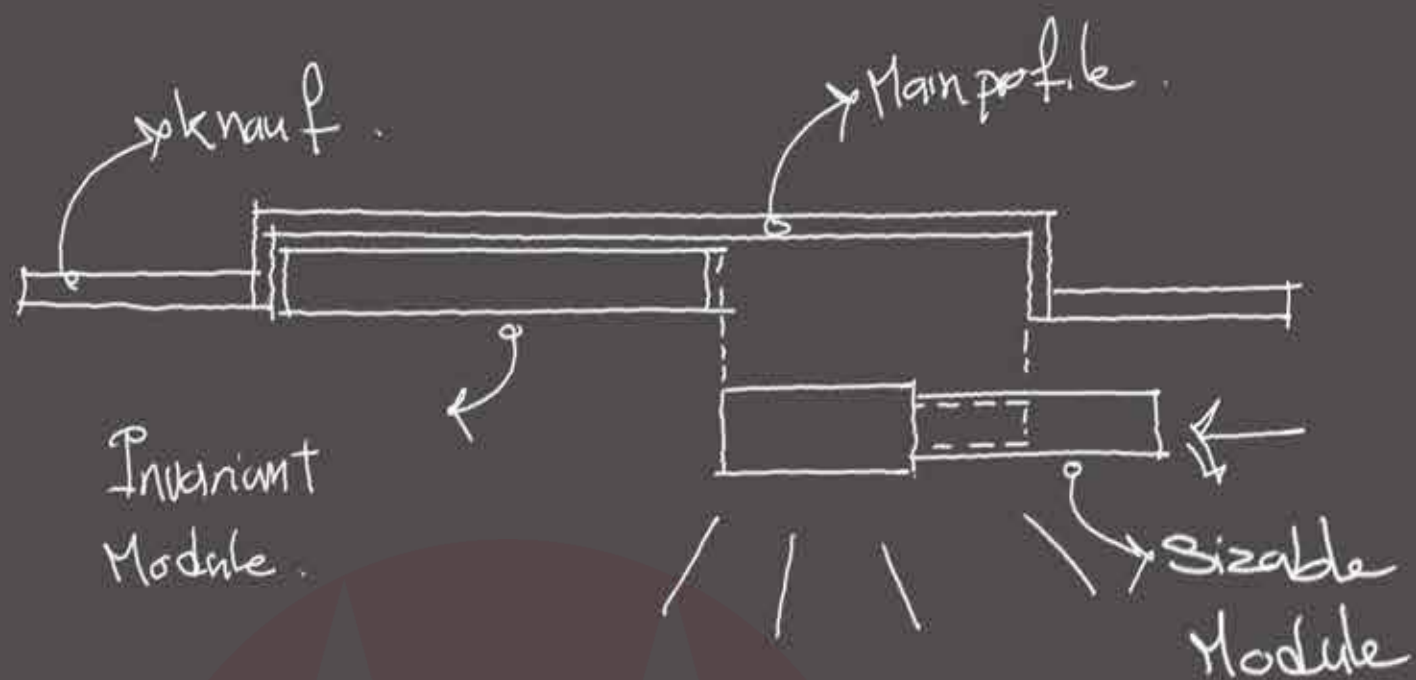
Extend The light
to your life



Application



Choose the Application that
Suits your Ceiling System.



Sizable Module



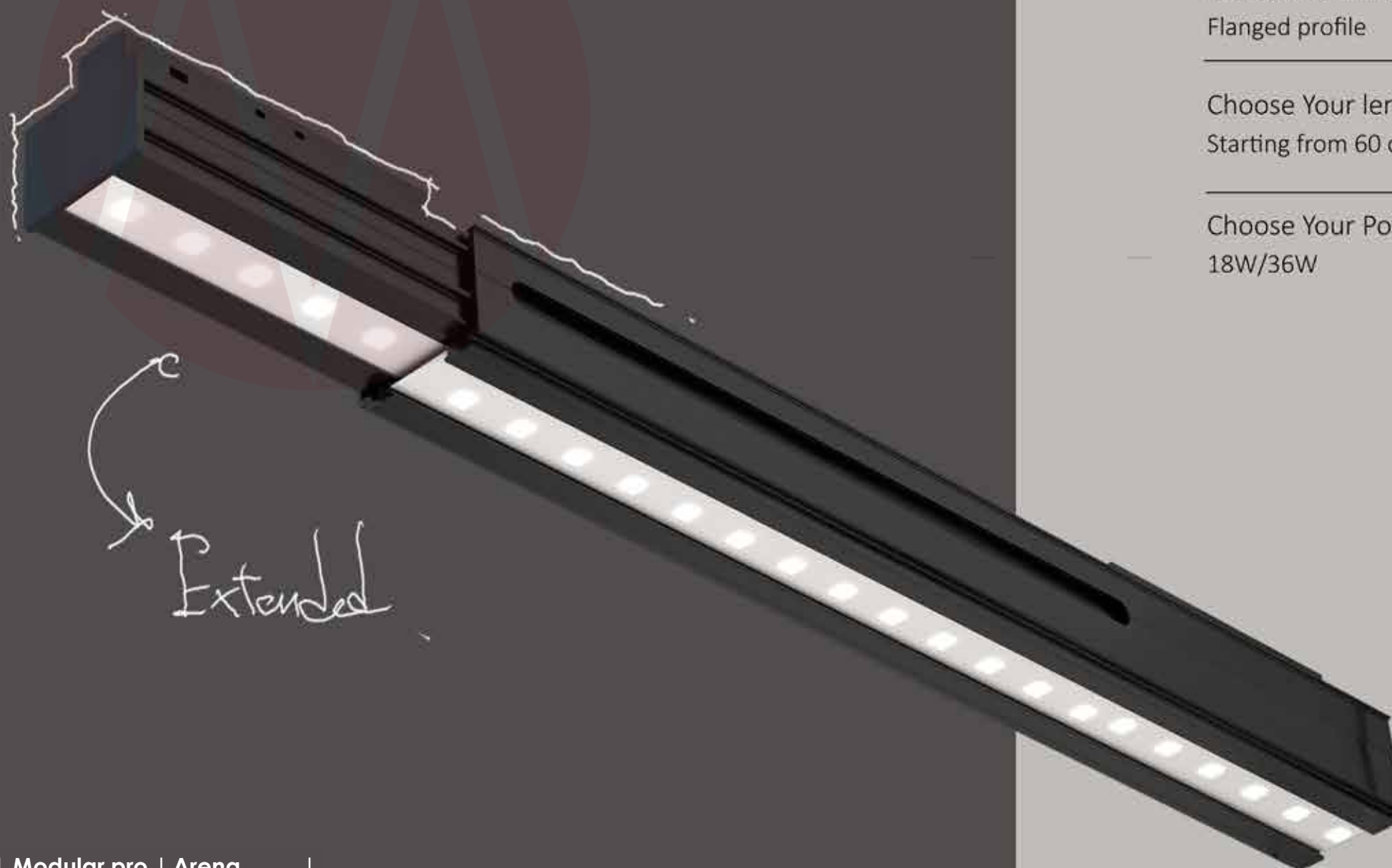
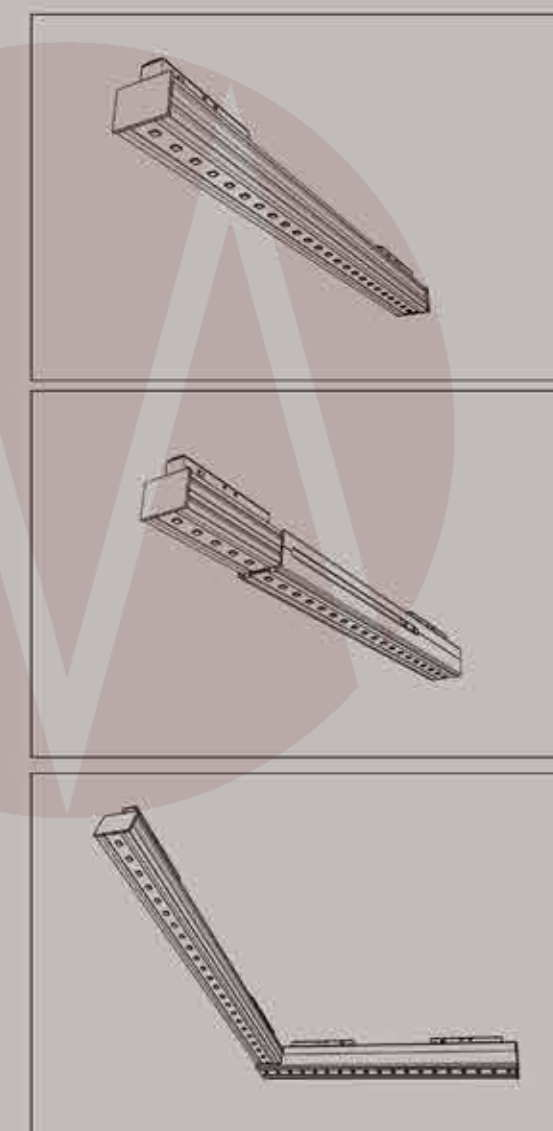
Available in 56 and 72 width

Choose Your Colour
Black, White

Choose Your Installation
recessed as Trimless &
Flanged profile

Choose Your length
Starting from 60 cm

Choose Your Power
18W/36W





5 Available in Types

 Magnet	 Dimmer	 LED	 Driver	Types
—	—	No Name LED	No Name Driver	1
—	✓	No Name LED	No Name Driver	2
—	—	Tridonic Made in Austria	Tridonic Made in Austria	3
✓	—	Tridonic Made in Austria	Tridonic Made in Austria	4
✓	✓	Tridonic Made in Austria	Tridonic Made in Austria	5



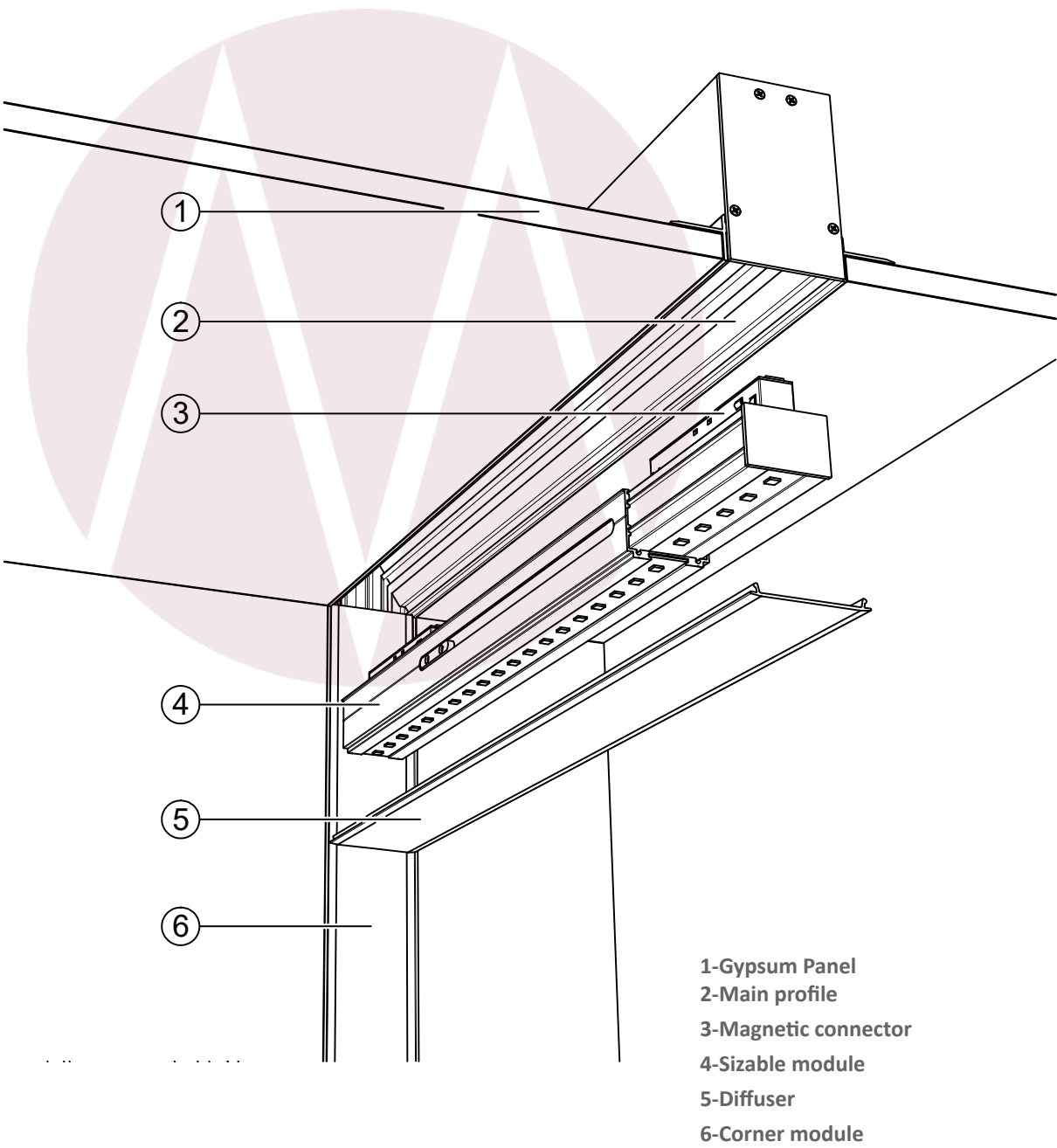
Control Everything!
Would You
Like More?
Dimmer Switch is Available



TECHNICAL INFORMATION OVER VIEW

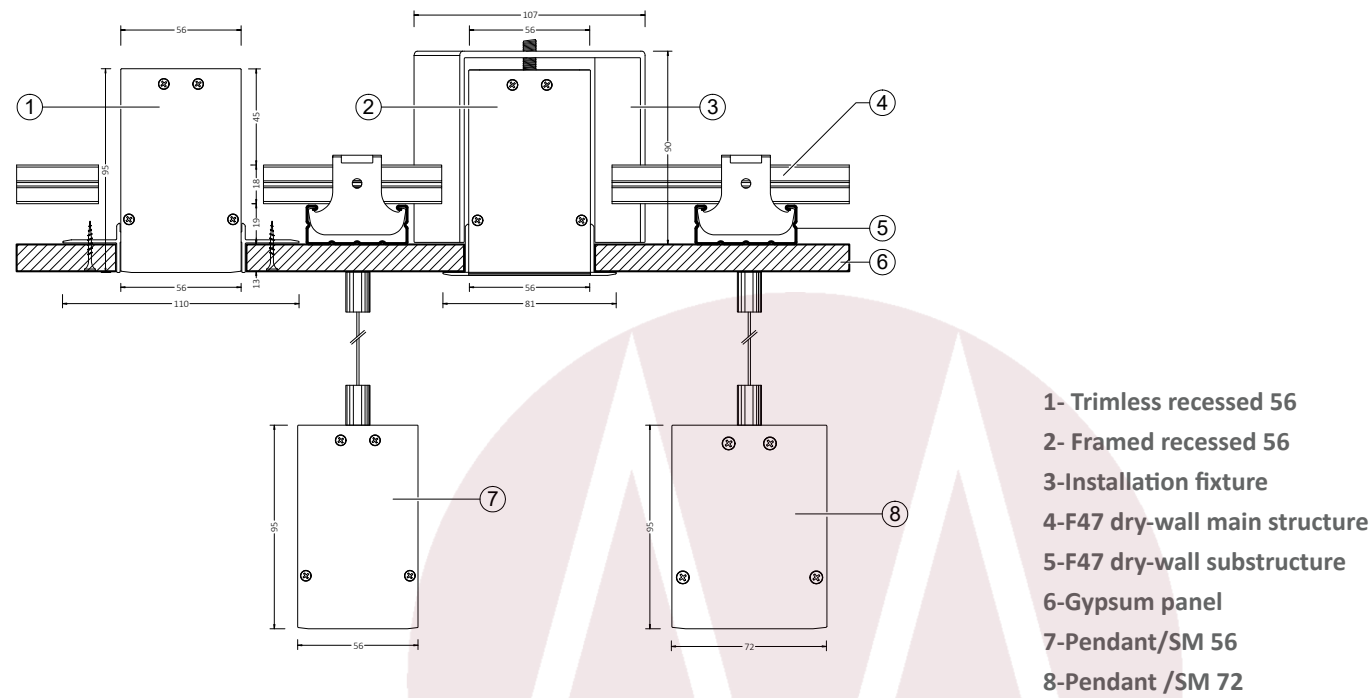
Intended use

- Easy to install
- Fast installation
- Easy to repair
- Long life span
- No space is needed for power supply(220V)
- Easy to adjust the length without manipulating LED modul
- Suitable for indoor use (IP43)
- Compatible with dry-wall details
- Suitable for various applications (trimless recessed/ flanged recessed/pendant and surface mounted)

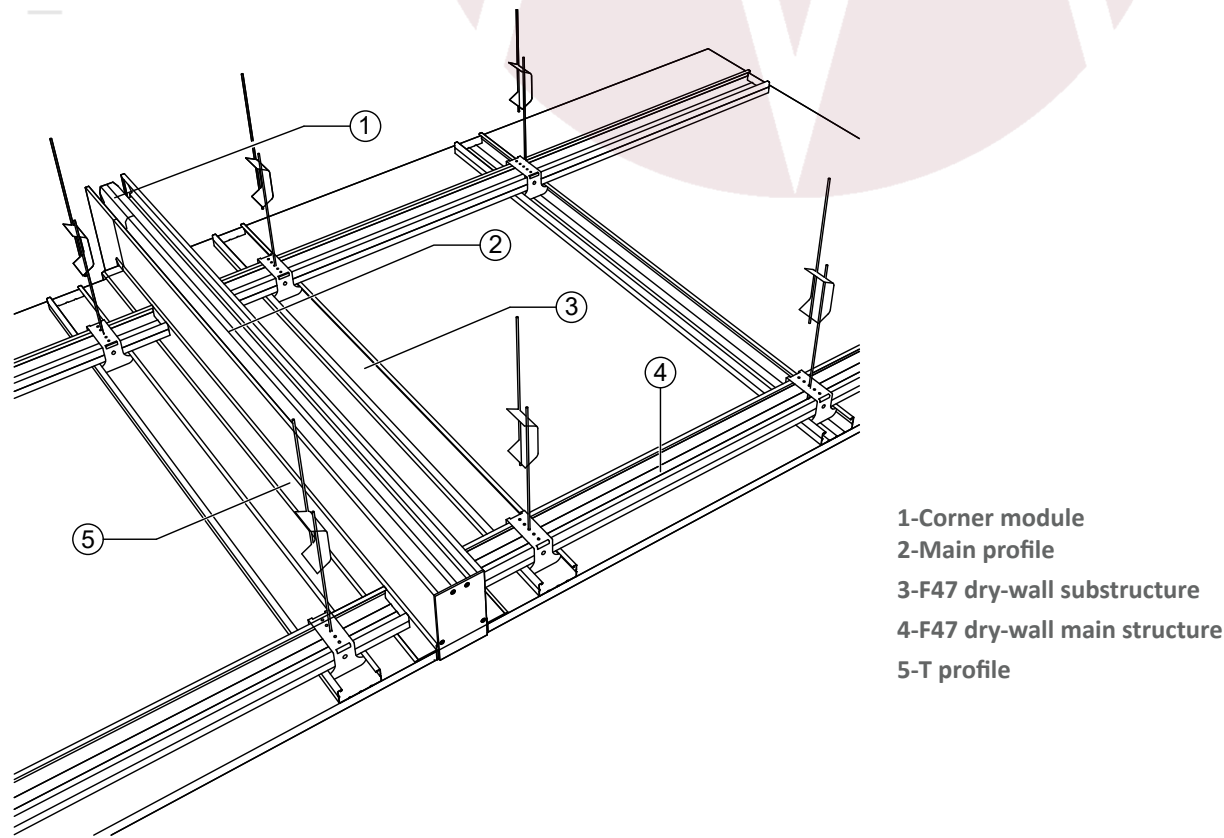


INSTALLATION DETAILS

Application



Trimless Recessed Application Detail

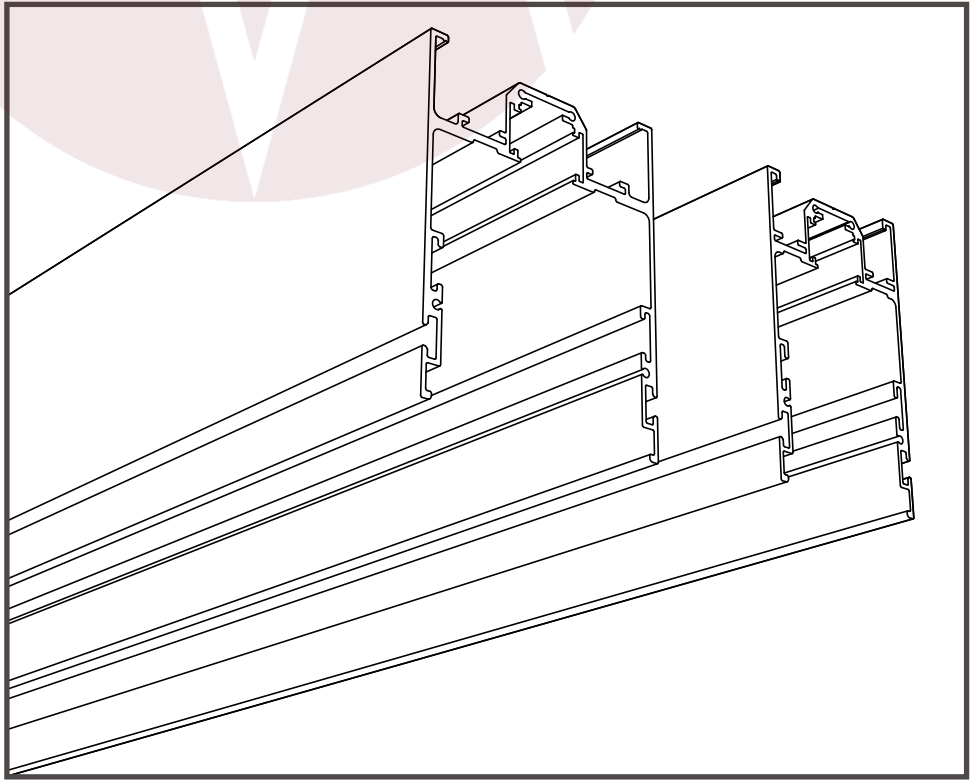


General information

Applications		
Trimless recessed		Available
Flanged recessed		Available
Surface mounted		Available
Pendant		Available

Material/Surface		
Main body		Extruded alminium
Body paint		Electrostatic paint
Body colors		White/Sand Gray/Black
Diffuser		Extruded polycarbonate
Fixture		Plated steel
IP		42

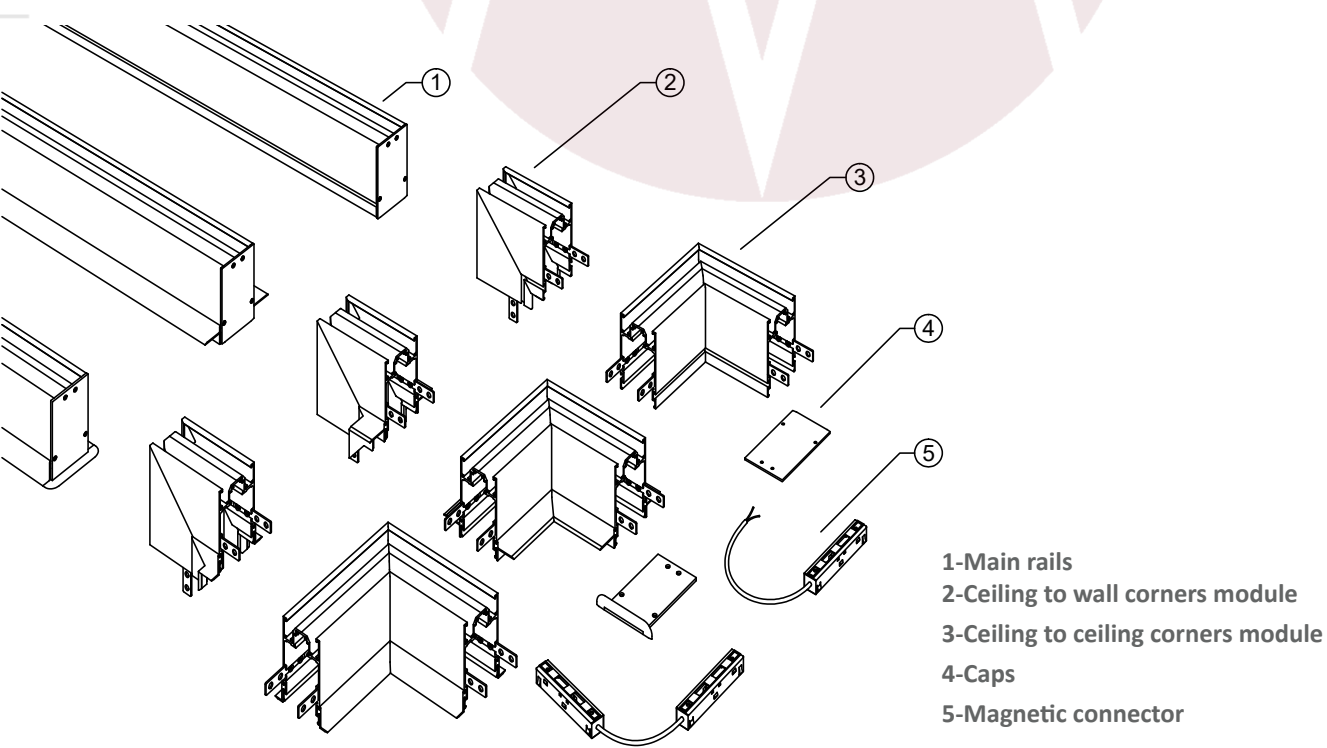
Rail information

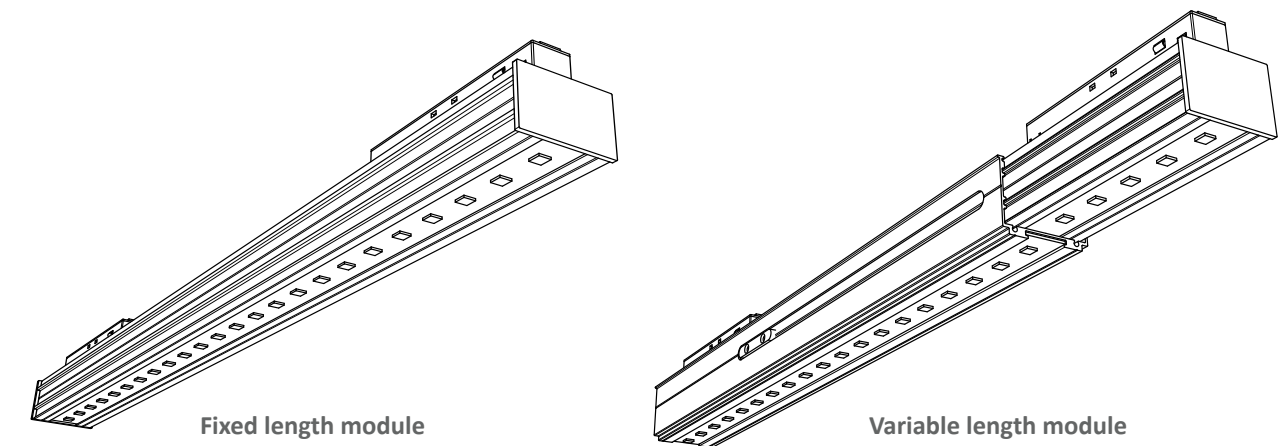


Rail 56	Surface mounted	Flanged	Trimless
Profile width[mm]	56	81	110
Profile height[mm]	95		
Total height[mm]	95	130	95
Length[mm]	Unlimited >60		
Gap width for installation[mm]	—	65	—
Weight[kg/m]	1.6	2	2.1

Rail 72	Surface mounted	Flanged	Trimless
Profile width[mm]	72	97	126
Profile height[mm]	95		
Total height[mm]	95	130	95
Length[mm]	Unlimited >60		
Gap width for installation[mm]	—	80	—
Weight[kg/m]	1.8	2.1	2.2

Accessories

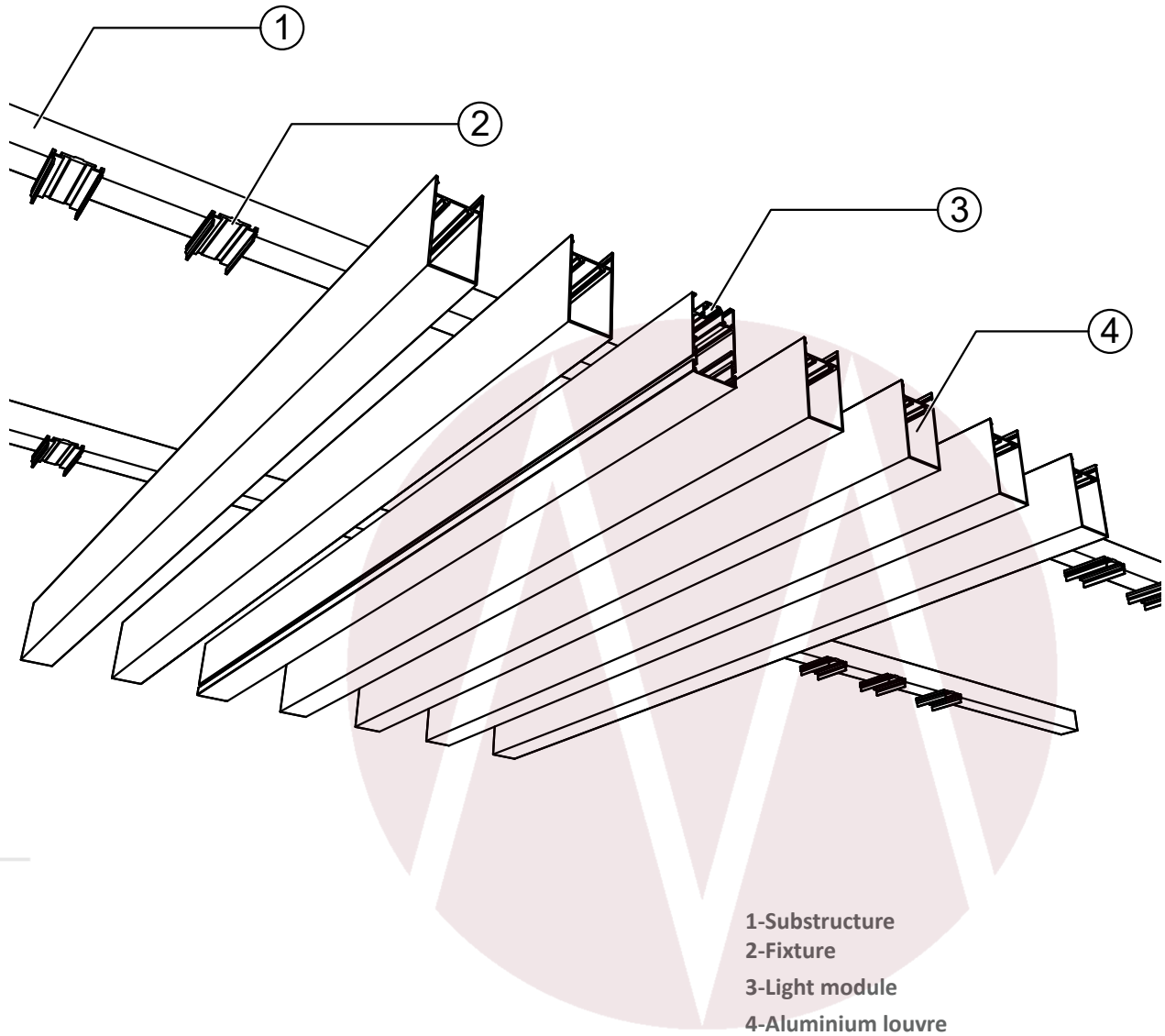




Physical properties	Fixed length module	Variable length module
Length[mm]	60_120	70~120/130~180
Profile width[mm]	38	43
Profile height[mm]	29	34
Weight[kg]	0.25_0.5	0.33_0.8

Electrical specifications	Fixed length module	Variable length module
Power[w]		18_36
Dimmable		Optional
LED class		A&B
LED circuit		Contant Current
Working temperature		-25degree~+50degree
Input voltage		210~265 v
THD		<15%
PF[%]		>0.9
Driver type		Isolate
Driver current[mA]		240
Life span[hrs]		>50000

Exposure	Fixed length module	Variable length module
Lumens[lm]		2340_4680
Beam angle		120
Mac Adam index		3
Available temperatures[k]		3000/4000/5000
Efficiency[lm/w]		80
CRI		>80





Dimmable



Magnetic(PNP)



Remote Control



Module Controller



Choosable size



Modular



Multiple Luminary



Easy installation



RGB



TW



Bubble - Linear
Light.

Fix-Dark Light.

Tilt-Dark Light.

Linear Light.

Track Light.

Light Up !!

the darknes

Light and ambiance are not only for indoors, but the city can also remain vibrant at night by combining light and architecture in outdoor setting. having various light effects and multiple installation options, Modular pro has been designed for every aspect of the urban architecture: any form, any material or any composition .

Index

Family Overview

Light Modules Collection

PNP Technology

Modules

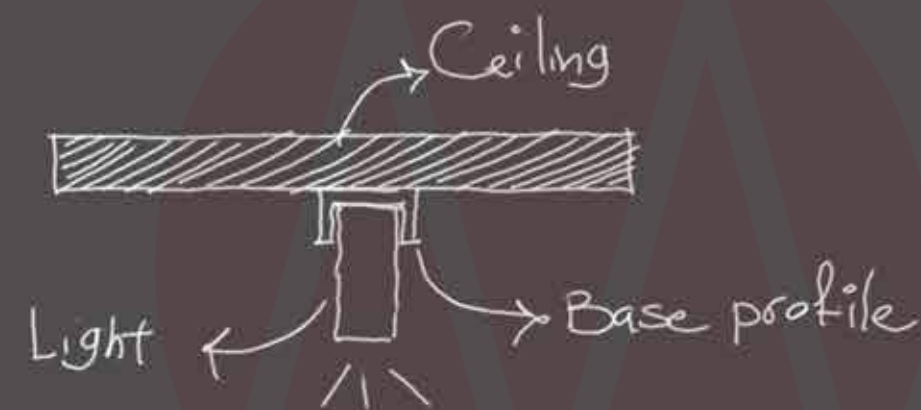
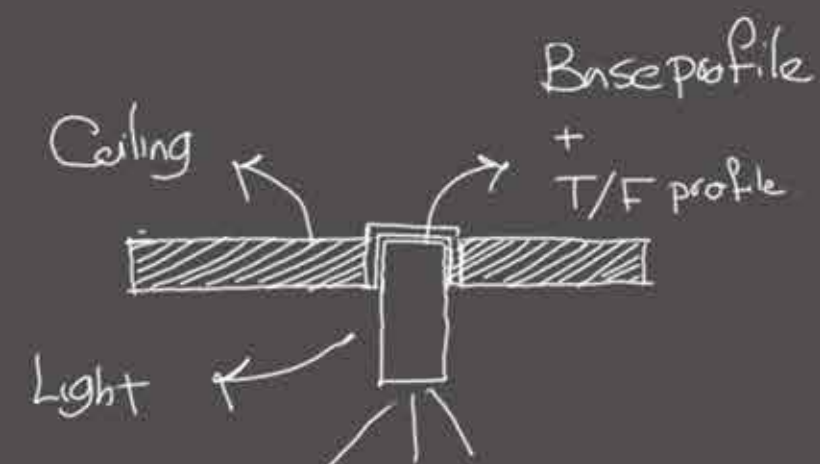


plug &

Flexible Yplay

MAGNETIC Technology

Application:

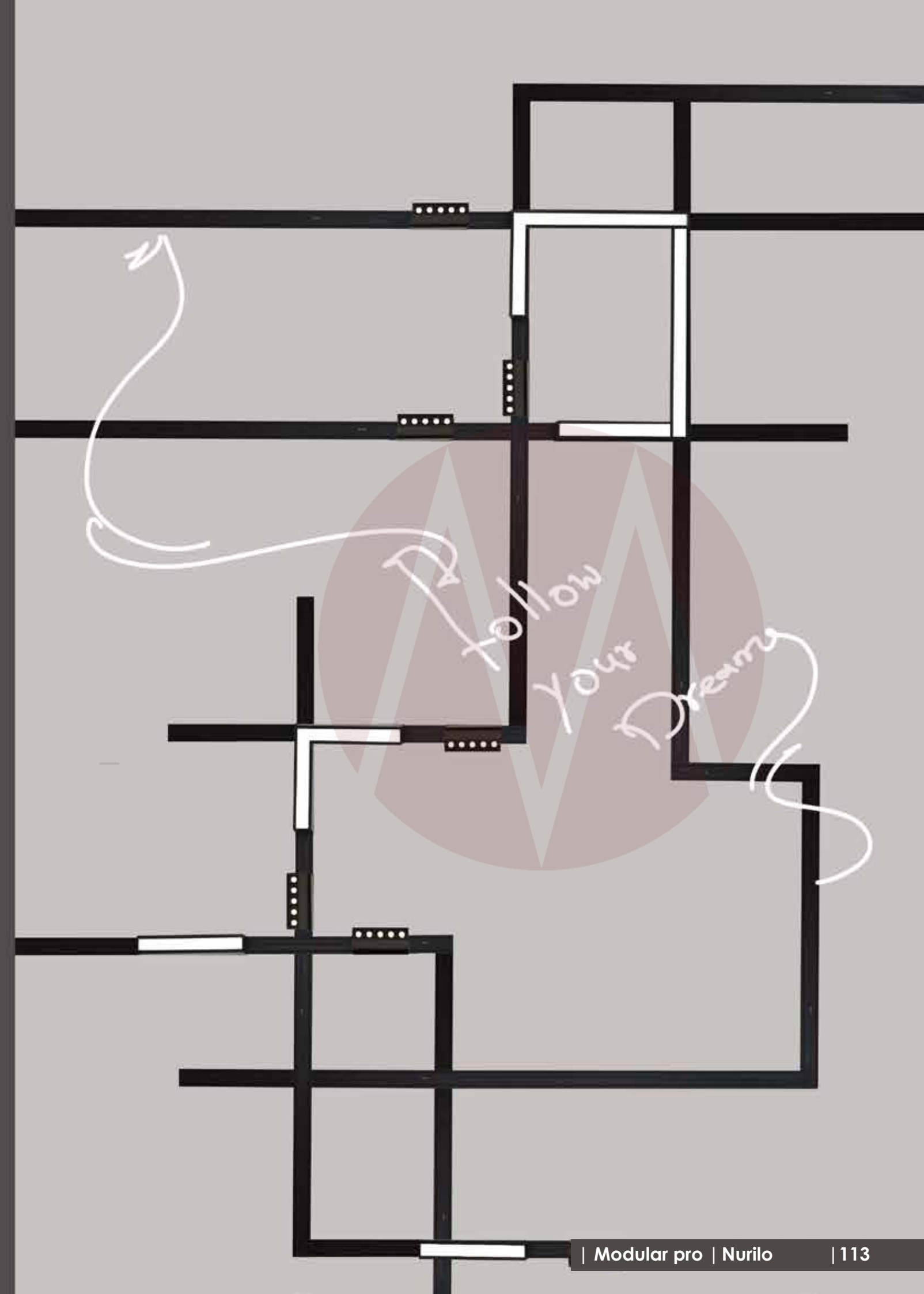


WHY
Norilo is the Best Choice
for you

Nurilo is the best choice for anyone who wants to achieve various magnetic lights in the shortest time possible with any existing ceiling in space. The low height of Nurilo profiles enables us to install them on all kinds of ceilings. It is also possible to install the rail as a built-in both edgeless and edged.

Modularity is about creating One design that has Multiple applications

Modular lights are designed so that anyone can install them. The unit_based modular system makes it simple and easy to assemble and install. Nevertheless, they are made from top-grade and high-quality materials.

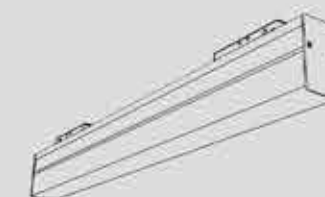




Fine to Combine

The design philosophy behind Nurilo has lots of touchpoints for the designer to use in a variety of environments. Modularity, flexibility, and functionality combined with aesthetics: several characteristics that fit in different lighting environments, making it easy to use & combine in any project.

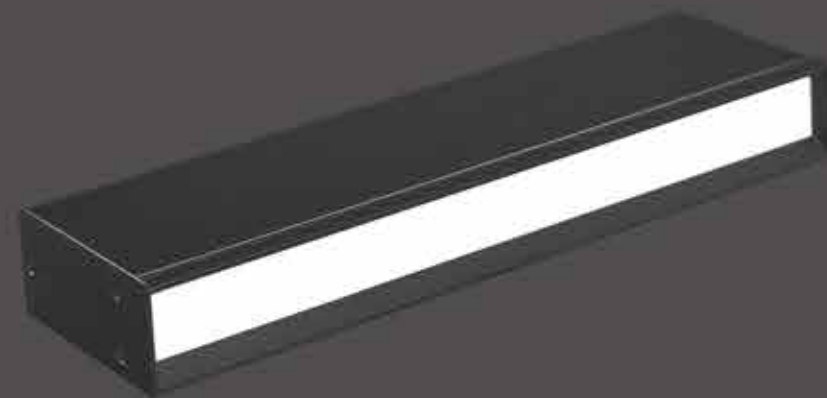
Variety in types
that suits your Taste



Spot

Multi-spot

Linear

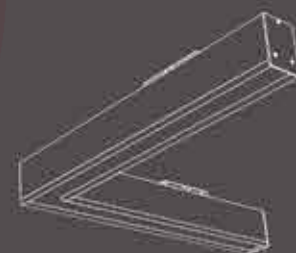


Attract the Eyes Linear Lights

Choose Your Colour
Black, White ☐ ☐

Choose your length
30cm/60cm/120cm

Choose your Power
9W/18W/36W



Corner cw/cc



6cm*60/120cm

What is LINEAR LIGHTING

Linear lighting is defined as a linear shape luminaire (opposed to square or round). These luminaires long optics to distribute the light over a more narrow area in comparing with traditional ones. Usually, these lights are long in length and are installed in different ways such as suspended from a ceiling, surface mounted to a wall or ceiling or recessed into a wall or ceiling.

WHY Linear lighting

Linear lighting has become increasingly popular due to its flexibility, excellent performance and aesthetic appeal. Flexible linear lighting can be mounted into almost any type of ceiling. You can get surface mounted, suspended, recessed and grid ceiling mounted. Some linear lighting products offer a range of connecting shapes in corner with L or T shapes and cross junctions. These connecting shapes combined with a range of lengths allow lighting designers to create truly unique designs with a luminaire that can be made to fit in the room. High-performance LEDs are directional, reducing the demand for reflectors and diffusers that decrease efficacy.



Multi-Spot Dark Lights

Choose your colour
Black, White ☐ ☐

Choose the number of spots
5x, 10x, 15x

Choose your ies
Lens, Reflector

Choose your Power
5W/10 W/15 W



15X Tilt



10X



5X

An INVISIBLE LINEAR Light

IT NEVER HITS YOU IN THE EYE

Dark light, as mentioned before, is a means of controlling light from the luminaire whilst reducing glare from light dominating a space, from a source that can only be identified when standing directly under it looking up. The controversy of how to omit the light source in design to avoid glare leads us to find a solution for this issue by using various reflectors and lenses. Lighting design in some functions such as galleries and museums, where the focus should be on the exposed art piece, takes the lead when it comes to start drawing at the first place. Meanwhile, not only are they a perfect solution for the mentioned functions, but they can also be employed in the offices, restaurants, hotels, & residential projects so that the room enjoys the harmony of lighting in a space.



Spot light

Choose Your Colour
Black, White ☐ ☐

Choose your mount type
pendant/track

Choose Your Power
6W/12W/18W



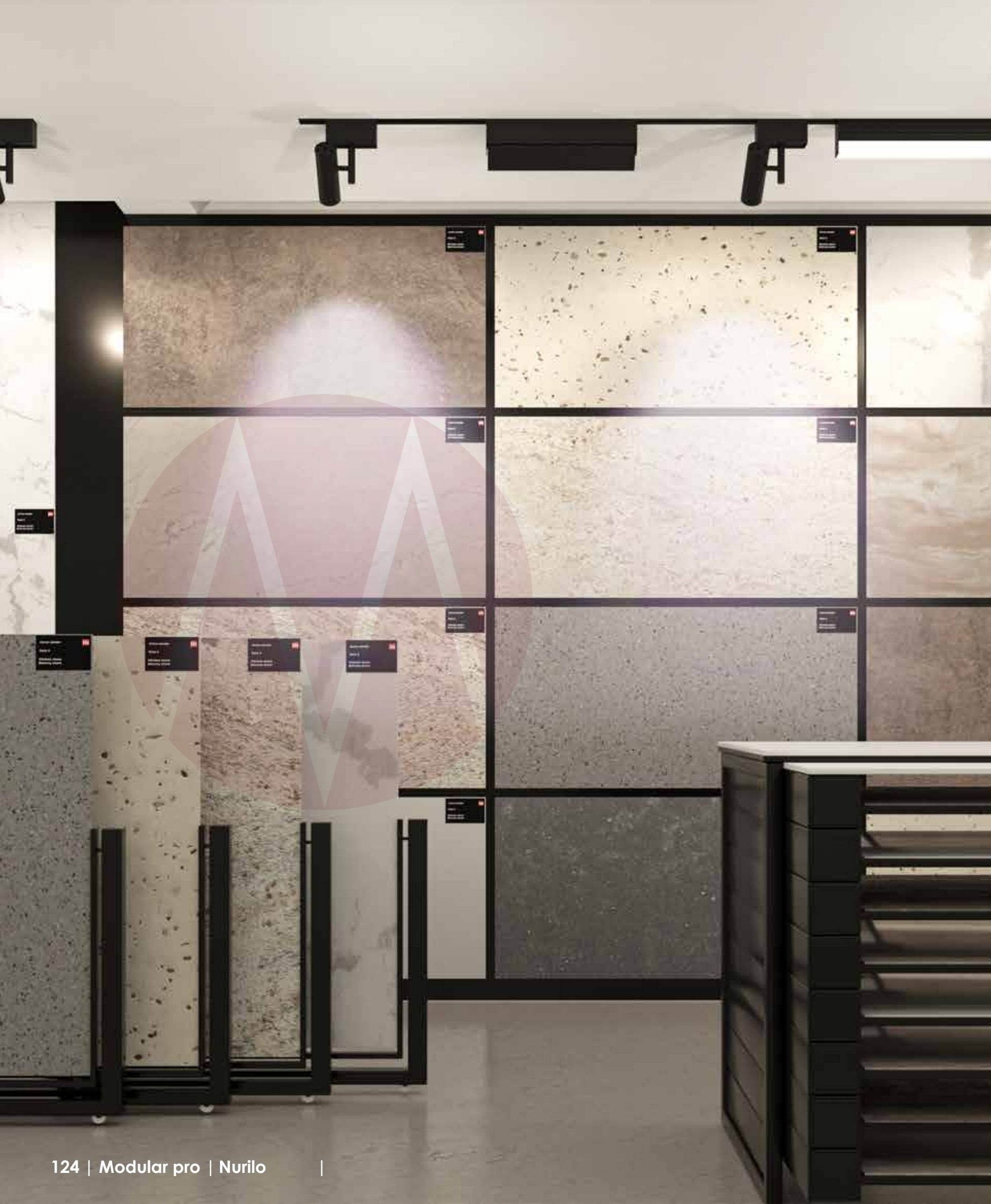
Focus on
your pleasure



Pendant light



Track light



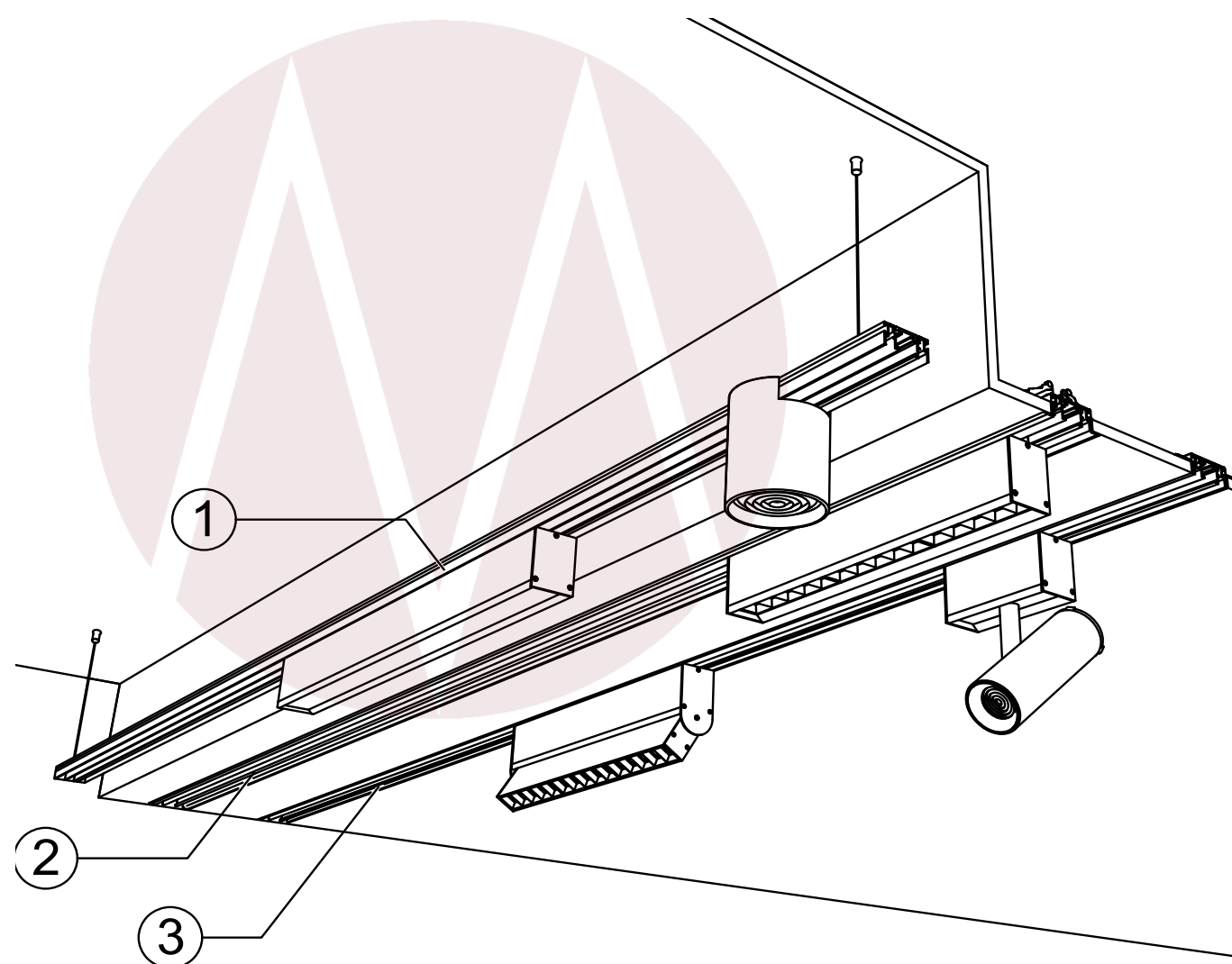
From darkness comes the light!

We offer a perfectly coordinated lighting system that harmonizes function, design and technology. For maximum variety with minimum effort.

TECHNICAL INFORMATION OVER VIEW

Intended use

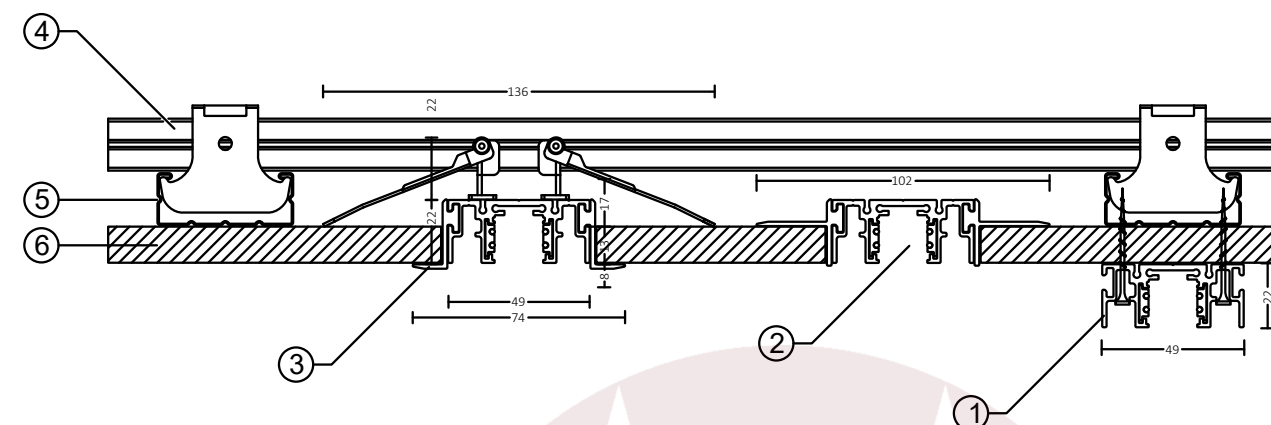
- Easy to install
- Set up after dry-wall installation
- Fast installation
- Easy to repair
- long life span
- No space is needed for power supply(220V)
- Easy to adjust the length without manipulating LED modul
- Suitable for indoor use (IP43)
- compatible with dry-wall details
- Suitable for various applications(flanged recessed/pendant and surface mounted)



- 1-Pendant rail
- 2-Flanged recessed rail
- 3-Trimless recessed rail

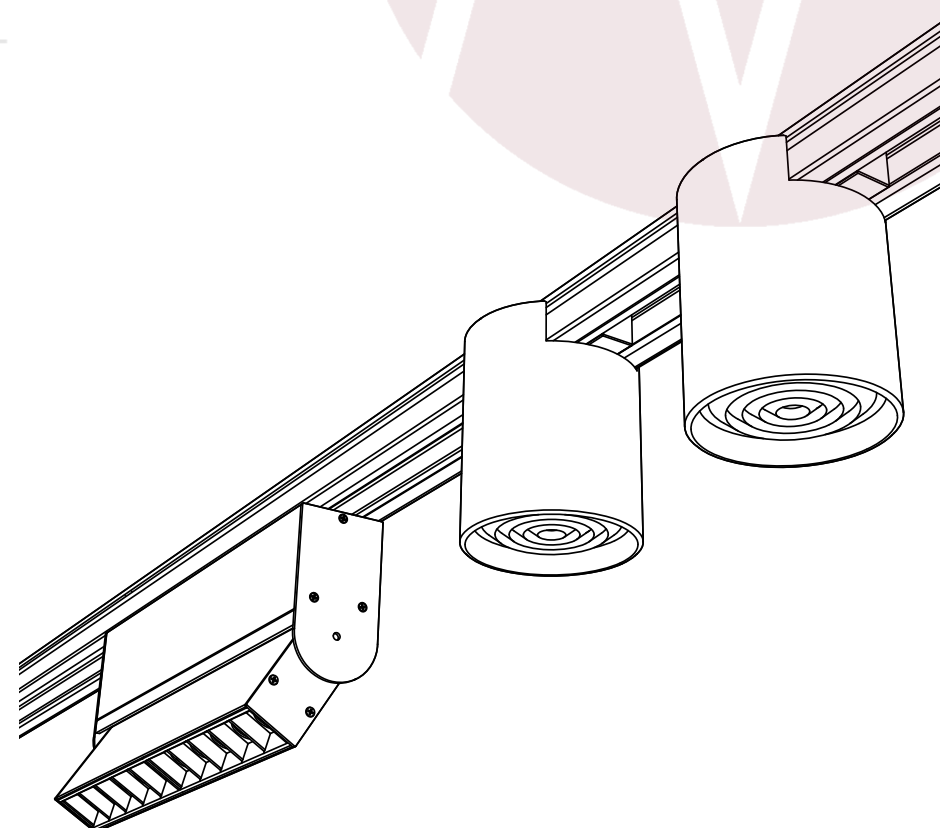
INSTALLATION DETAILS

Application



- 1-Surface mounted
- 2-Trimless recessed
- 3-Flanged recessed
- 4-Knauf main structure
- 5-Knauf substructure
- 6-Gypsum Panel

Surface mounted detail



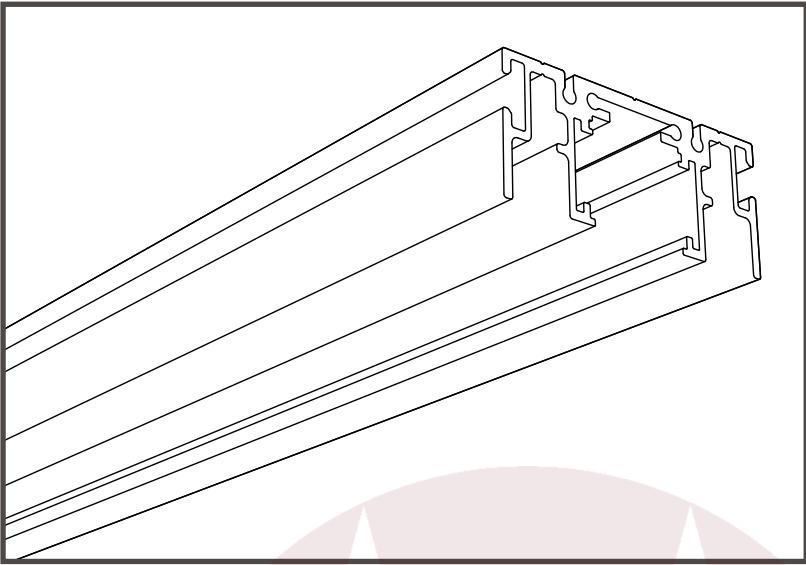
General information

Applications		
Trimless recessed		Available
Flanged recessed		Available
Surface mounted		Available
Pendant		Available

Material/Surface		
Main body		Extruded alminium
Body paint		Electrostatic paint
Body colors		White/Sand Gray/Black
Diffuser		Extruded polycarbonate
Fixture		Plated steel
IP		42

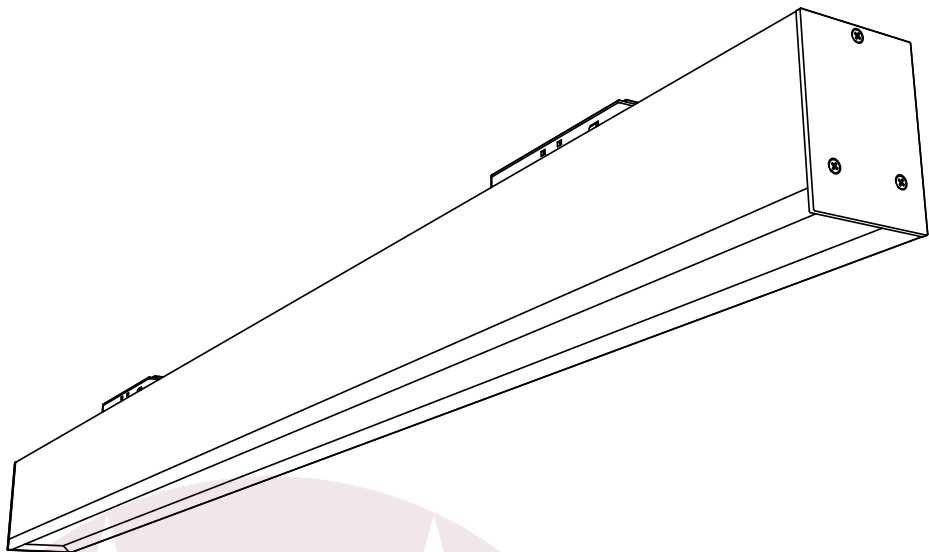
Related products		
01	Linear light module	Available
02	Dark light module	Available
03	Tilt light module	Available
04	Track light module	Available
05	Pendant light module	Available
06	Bubble light module	Available

Rail information



Rail	Surface mounted	Flanged	Trimless
Profile width[mm]	49	74	102
Profile height[mm]	22		
Total height[mm]	22	46	23
Length[mm]	Unlimited		
Gap width for installation[mm]	_____	55	_____
Weight[kg/m]	0.75	102	103

Linear module

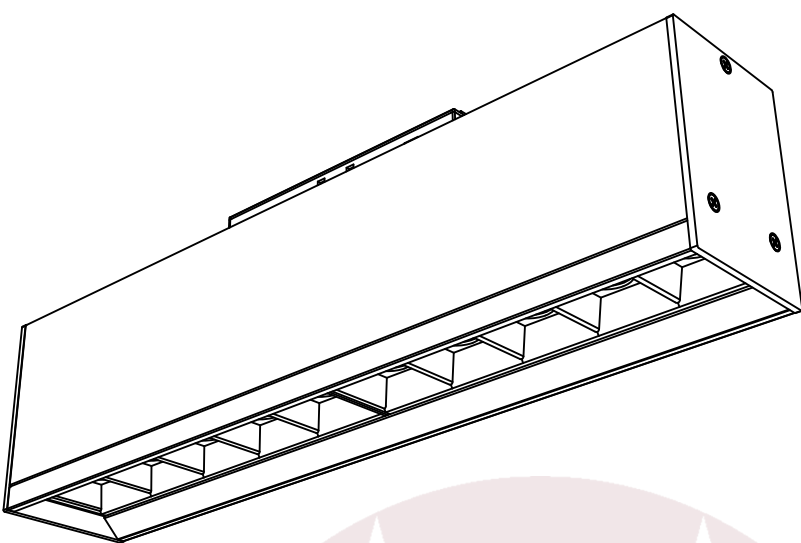


Physical properties	30	60	120
Profile width[mm]	49		
Profile height[mm]	67		
Weight[kg]	0.4	0.8	1.5

Electrical specifications	30	60	120
Power[w]	5_9	9_18	18_36
Dimmable	Optional		
LED class	A&B		
LED circuit	Contant Current		
Working temperature	-25degree~+50degree		
Input voltage	210 ~ 265 v		
THD	<15%		
PF[%]	>0.9		
Driver type	Isolate		
Driver current[mA]	240		
Life span[hrs]	>50000		

Exposure	30	60	120
Lumens[lm]	650_1300	1300_2600	2600_5200
Beam angle	120		
Mac Adam index	3		
Available temperatures[k]	3000/4000/5000		
Efficiency[lm/w]	80		
CRI	>80		

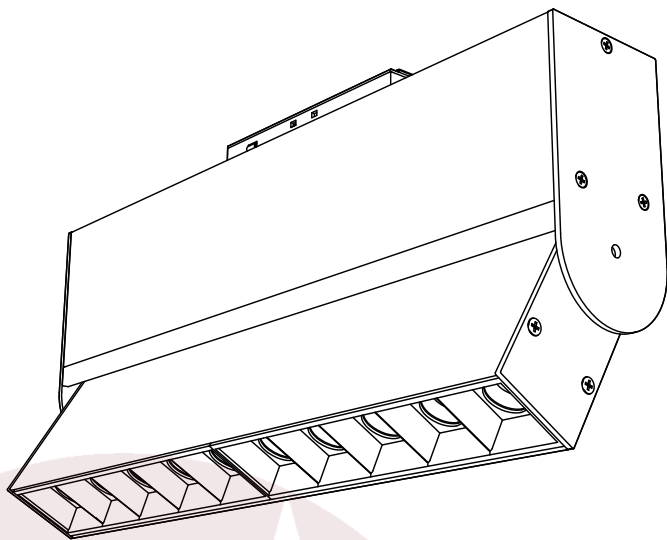
Dark light module



Physical properties	5x	10x	15x
Profile width[mm]	49		
Profile height[mm]	67		

Electrical specifications	5x	10x	15x
Power[w]	5_10	10_20	15_30
Dimmable	Optional		
LED class	A		
LED circuit	Contant Current		
Working temperature	-25degree~+50degree		
Input voltage	210 ~ 265 v		
THD	<15%		
PF[%]	>0.9		
Driver type	Isolate		
Driver current[mA]	240		
Life span[hrs]	>50000		

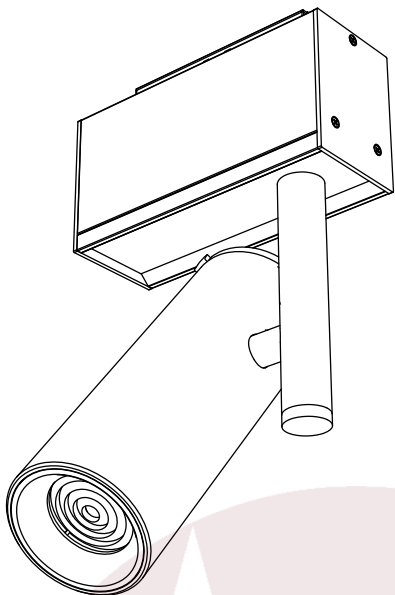
Exposure	5x	10x	15x
Lumens[lm]	650_1300	1300_2600	1950_3900
Beam angle	15°		
Mac Adam index	3		
Available temperatures[k]	3000/4000		
Efficiency[lm/w]	130		
CRI	>80		



Physical properties	5x	10x	13x
Profile width[mm]		36	
Profile height[mm]		131	

Electrical specifications	5x	10x	13x
Power[w]	5_10	10_20	15_30
Dimmable		Optional	
LED class		A	
LED circuit		Contant Current	
Working temperature		-25degree~+50degree	
Input voltage		210 ~ 265 v	
THD		<15%	
PF[%]		>0.9	
Driver type		Isolate	
Driver current[mA]		240	
Life span[hrs]		>50000	

Exposure	5x	10x	13x
Lumens[lm]	650_1300	1300_2600	1950_3900
Beam angle		15°	
Mac Adam index		3	
Available temperatures[k]		3000/4000	
Efficiency[lm/w]		130	
CRI		>80	

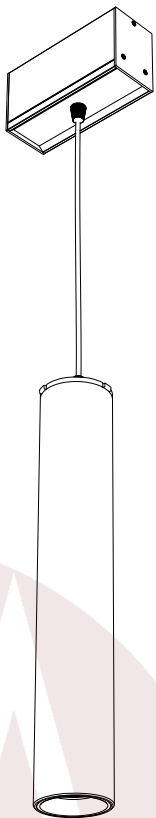


Physical properties	315	617	817
Diameter	27	60	80
Height[mm]	150	170	170

Electrical specifications	315	617	817
Power[w]	6	12	18
Dimmable		Optional	
LED class		B	
LED circuit		Contant Current	
Working temperature		-25degree~+50degree	
Input voltage		210~ 265 v	
THD		<15%	
PF[%]		>0.9	
Driver type		Isolate	
Driver current[mA]		300	
Life span[hrs]		>50000	

Exposure	315	617	817
Lumens[lm]	780	1560	2340
Beam angle		38°	
Mac Adam index		3	
Available temperatures[k]		3000/4000	
Efficiency[lm/w]		130	
CRI		>80	

Pendant light module

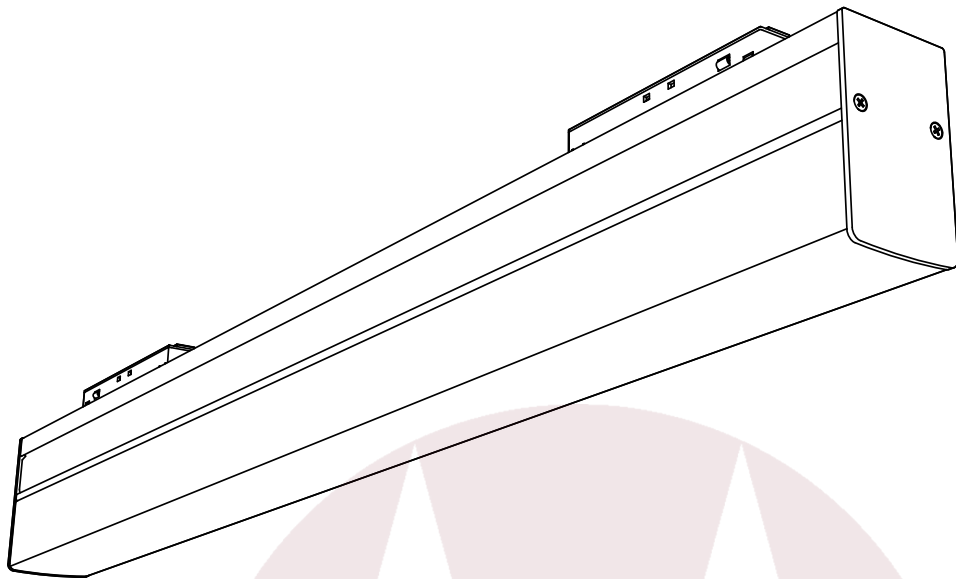


Physical properties	325	625	617	810	815
Diameter	27 Φ	60 Φ	60 Φ	80 Φ	80 Φ
Height[mm]	250	250	170	100	150

Electrical specifications	325	625	617	810	815
Power[w]	3		12		18
Dimmable			Optional		
LED class			B		
LED circuit			Contant Current		
Working temperature			-25degree~+50degree		
Input voltage			210 ~ 265 v		
THD			<15%		
PF[%]			>0.9		
Driver type			Isolate		
Driver current[mA]			300		
Life span[hrs]			>50000		

Exposure	325	625	617	810	815
Lumens[lm]	390		1560		2340
Beam angle	15°		38°		
Mac Adam index			3		
Available temperatures[k]			3000/4000		
Efficiency[lm/w]			130		
CRI			>80		

Bubble module light



Physical properties	30	60	120
Profile width[mm]		49	
Profile height[mm]		67	
Weight[kg]	0.4	0.8	1.5

Electrical specifications	30	60	120
Power[w]	5_9	9_18	18_36
Dimmable		Optional	
LED class		A&B	
LED circuit		Contant Current	
Working temperature		-25degree~+50degree	
Input voltage		210 ~ 265 v	
THD		<15%	
PF[%]		>0.9	
Driver type		Isolate	
Driver current[mA]		240	
Life span[hrs]		>50000	

Exposure	30	60	120
Lumens[lm]	650_1300	1300_2600	2600_5200
Beam angle		230	
Mac Adam index		3	
Available temperatures[k]		3000/4000/5000	
Efficiency[lm/w]		80	
CRI		>80	



Dimmable



Magnetic(PNP)



Remote Control



Module Controller



Choosable size



Modular



Multiple Luminary



Easy installation



RGB



TW



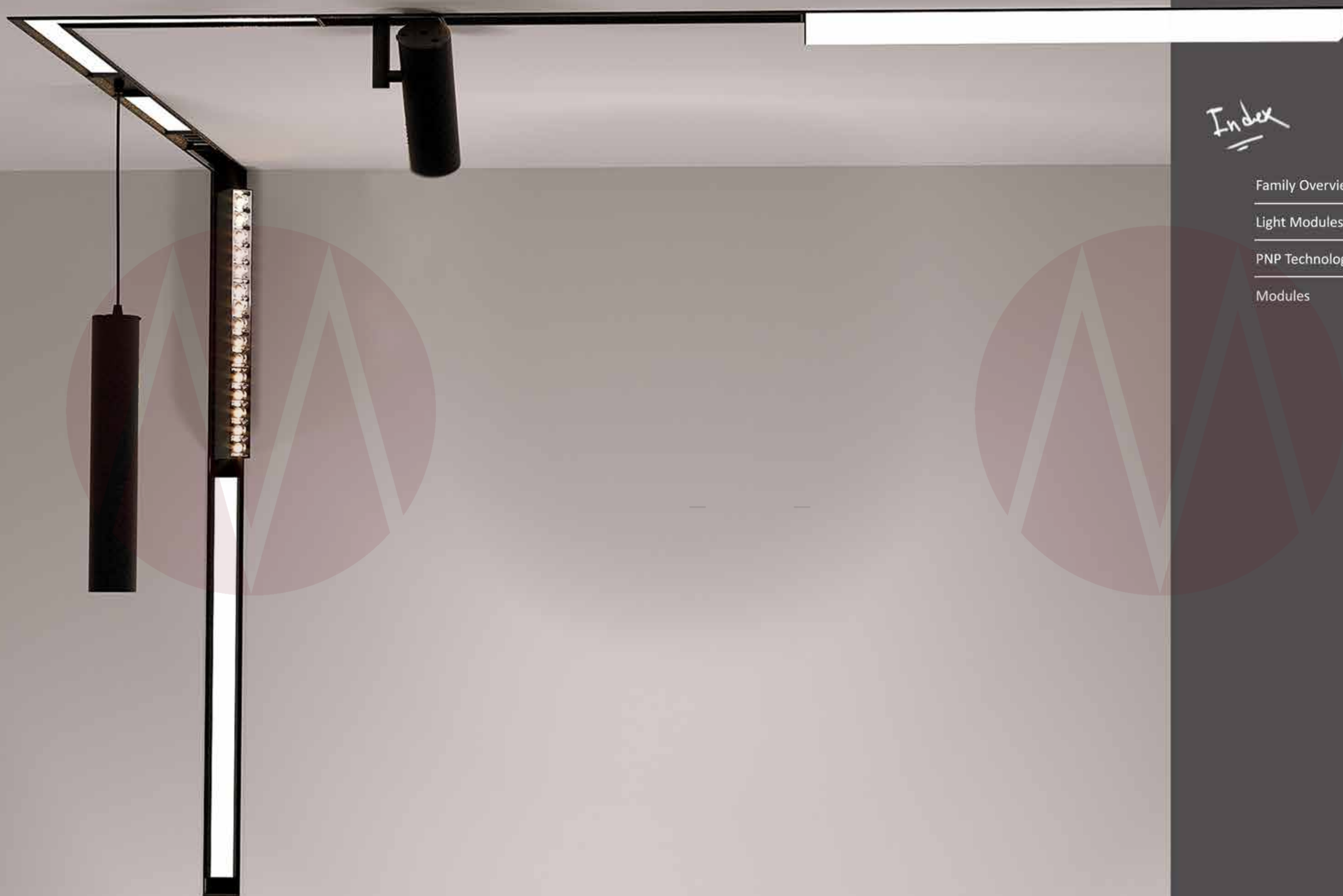


YUSEF ABAD RESIDENTIAL COMPLEX

Location: Yusef abad, Tehran, Iran

Architect: Siaj Architecture Studio

Date: 2019



Index

[Family Overview](#)

[Light Modules Collection](#)

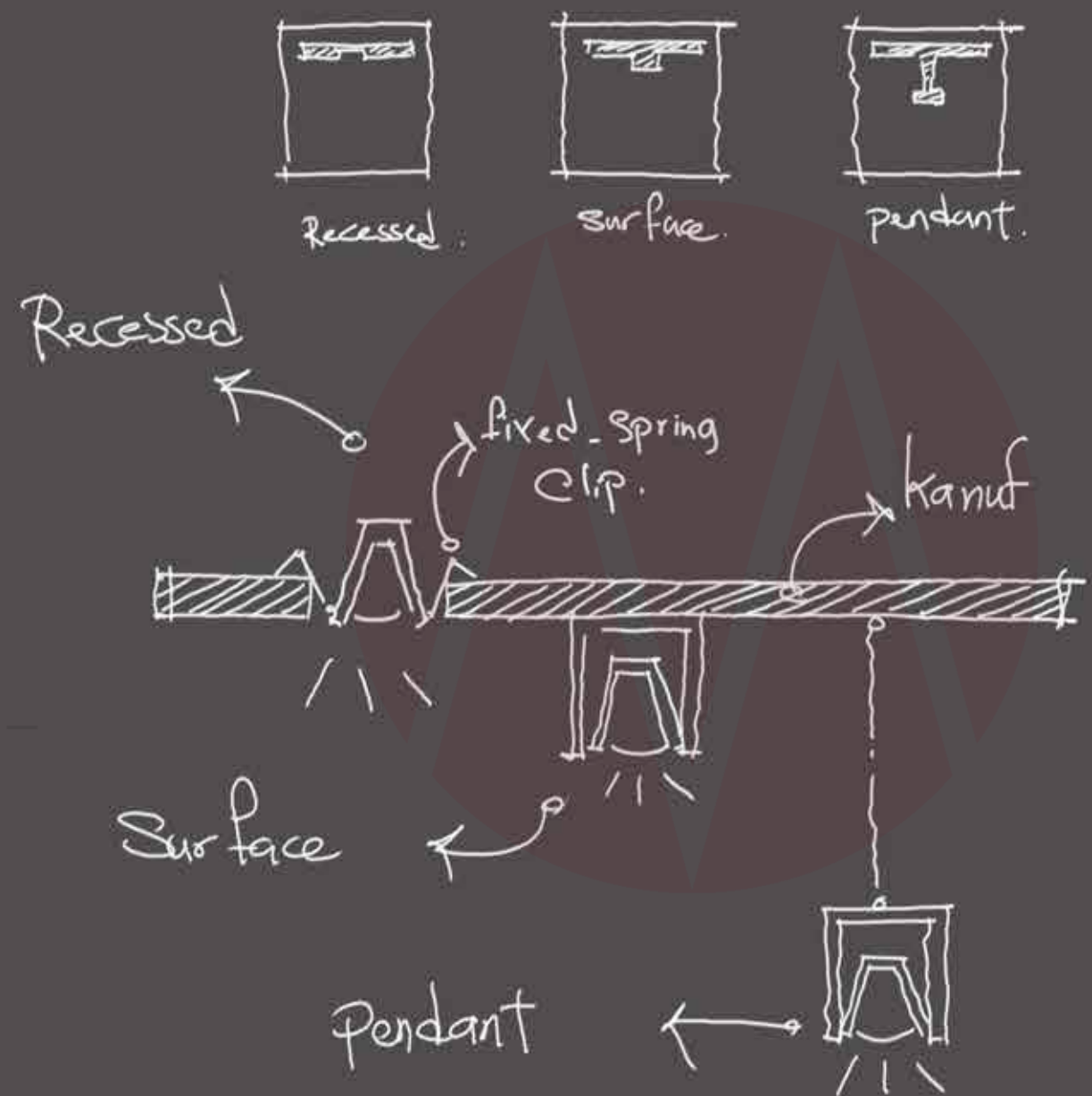
[PNP Technology](#)

[Modules](#)



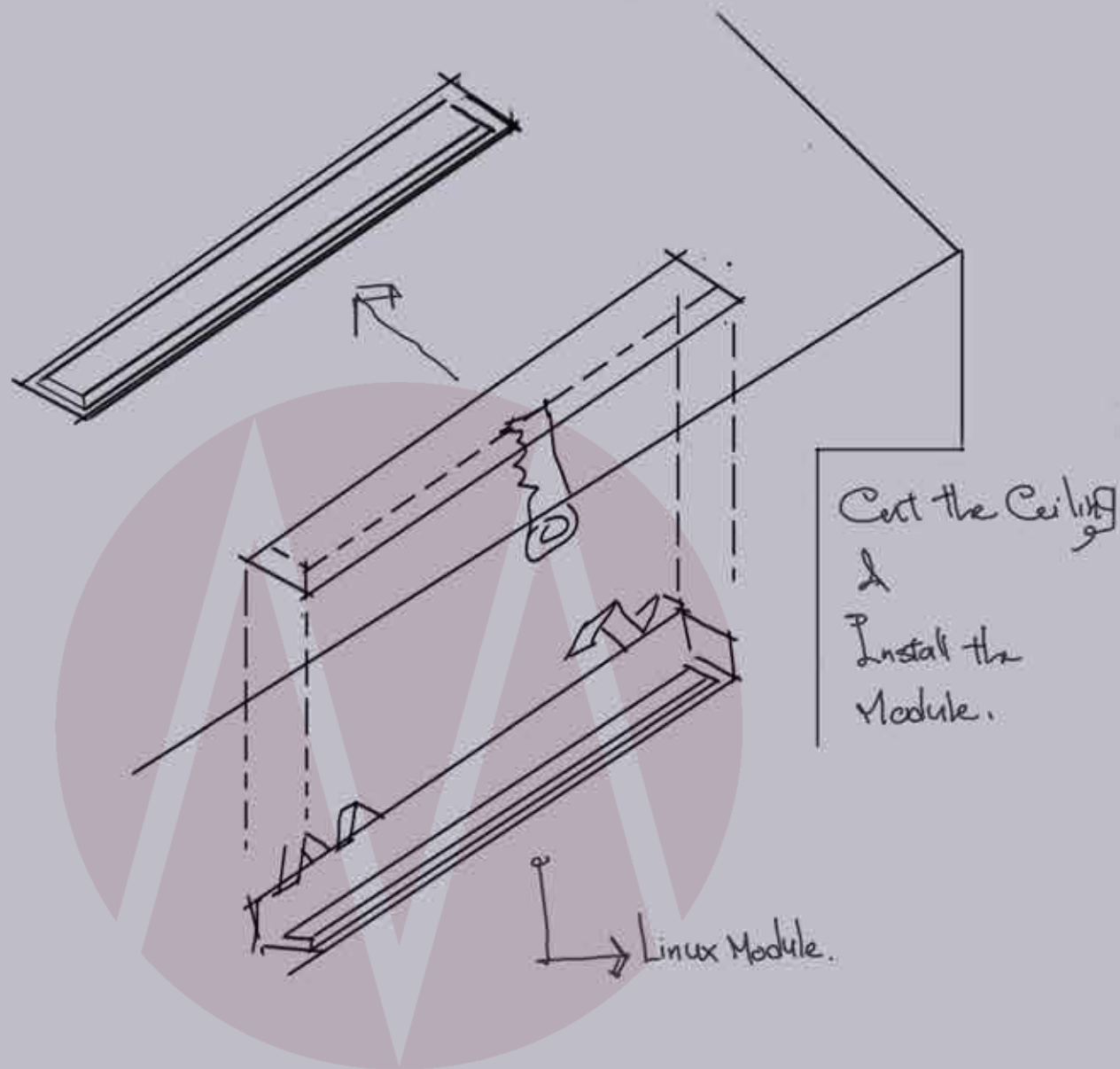


Application



Choose your Application that,
Suits your Ceiling system.

Easy Installation

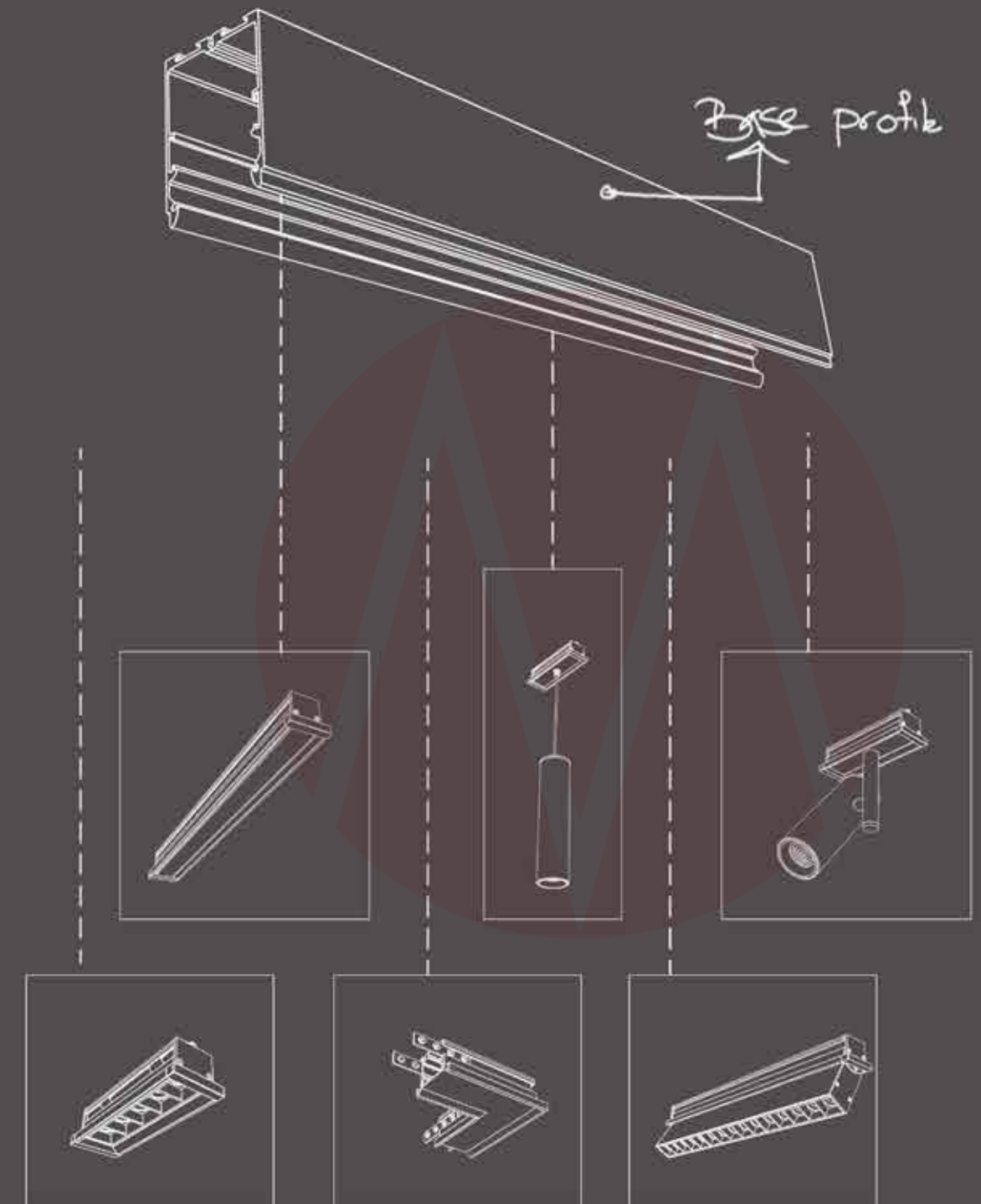


ABOUT Linux series

The purpose of the Linux series linear design is to illuminate the space by creating shadows creating shadows and lights in a modern way. The using of linear modules to provide general lighting of the space along with Track light and Dark light modules for local or occasional lighting is the best option for space lighting. Easy installation and low cost and the ability to adapt to various designs are the features of this series of lights.



Compose The Lights





Dark Light

Invisible Light

Take a look inside

ACCESSORIES

Clips fixture

Plated steel

Compatible with dry wall

HOUSING

Main profile module

Multiple colour finishes :
black, white

Perfect shielding of the
light source for visual comfort

ACCESSORIES

Caps

Plated steel

Multiple colour finishes :
black, white

MICROLENS

Additional
sheet to put in front
of the luminaire to
alter the beam angle

Darklight Shader

Additional sheet to put
in front of the luminaire to
limit the beam angle


PowerLEDs

Colour Rendering
Index 90

Colour temperature:
3000 or 4000 Kelvin

Lifetime L90 B10
100.000h

Up to 4600 lm



You can adjust
them individually or
in a linear group

Emitting the photons

The most distinctive feature of dark light is that the light source cannot be seen unless you are standing exactly under it. However, there are other factors that distinguish this model from others. Emitting the light in a way that it provides functional lighting, we should not undervalue its ability to create multi-spot lighting, which is essential to be integrated with general one to have a great combination of light. This feature produces some new shadows as well which you may not have seen before and gives you the chance to experience a new mixture of lights and shadows together. Furthermore, due to different sizes in modules of this series, it is possible to create different lighting atmospheres. Thus, choosing dark lights is a smart solution for your environment.





CICIS PIZZA RESTAURANT

Location: Shahrake Gharb, Tehran, Iran

Architect: Siaj Architecture Studio

Date: 2021

Darklight Tilt module

Tilt up to 45°



Multi Spot Dark Lights

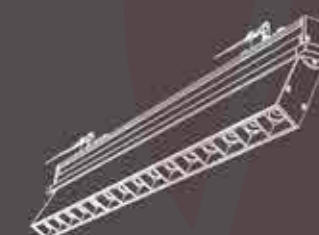


Choose your colour
Black, White ☐ ☒

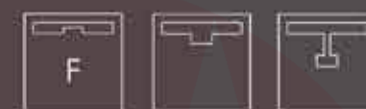
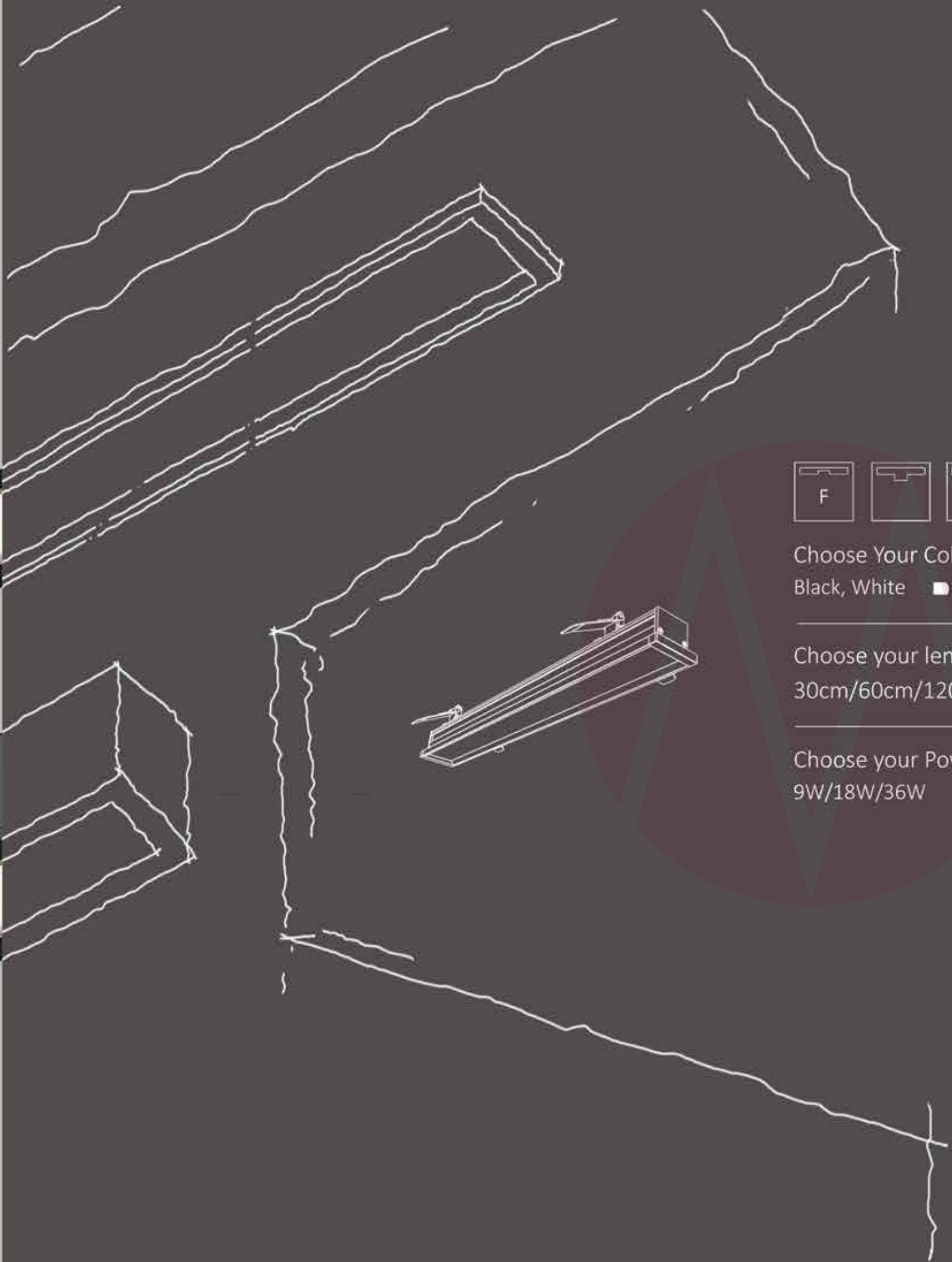
Choose the number of spots
5x, 10x, 15x

Choose your lens
Lens, Reflector

Choose your Power
5W/10 W/15 W



"Dessinez"
as you wish!



Choose Your Colour
Black, White ☐ ☒

Choose your length
30cm/60cm/120cm

Choose your Power
9W/18W/36W



Spot light



Choose Your Colour

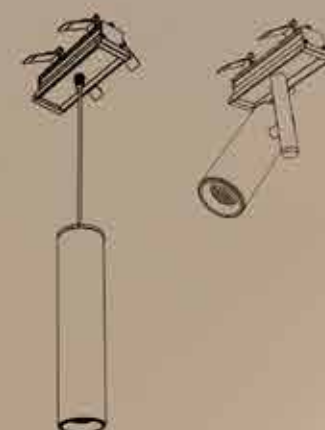
Black, White ☐ ☒

Choose your mount type
pendant/track

Choose Your Power
6W/12W/18W



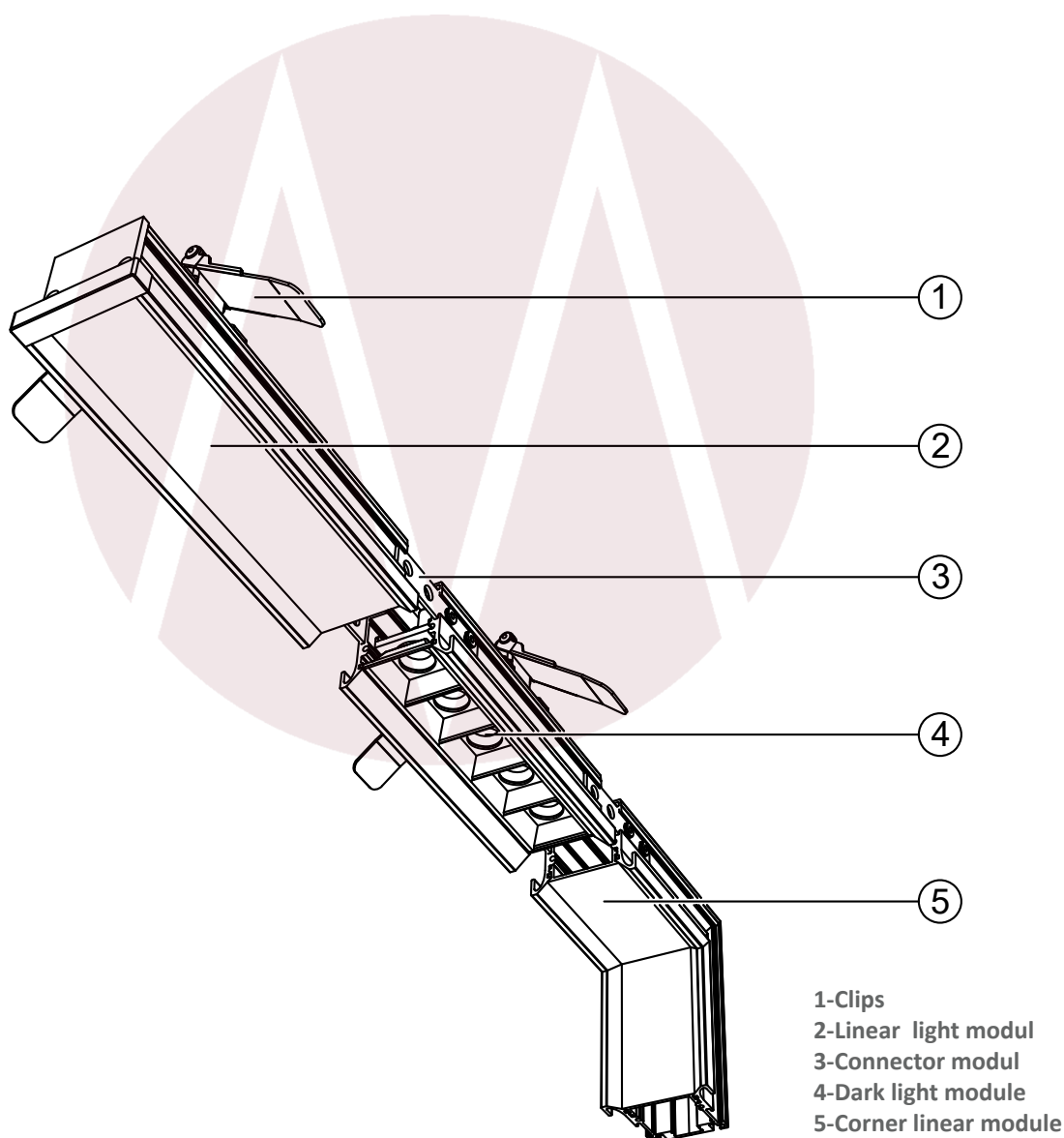
Track Lights
Move Closer



TECHNICAL INFORMATION OVER VIEW

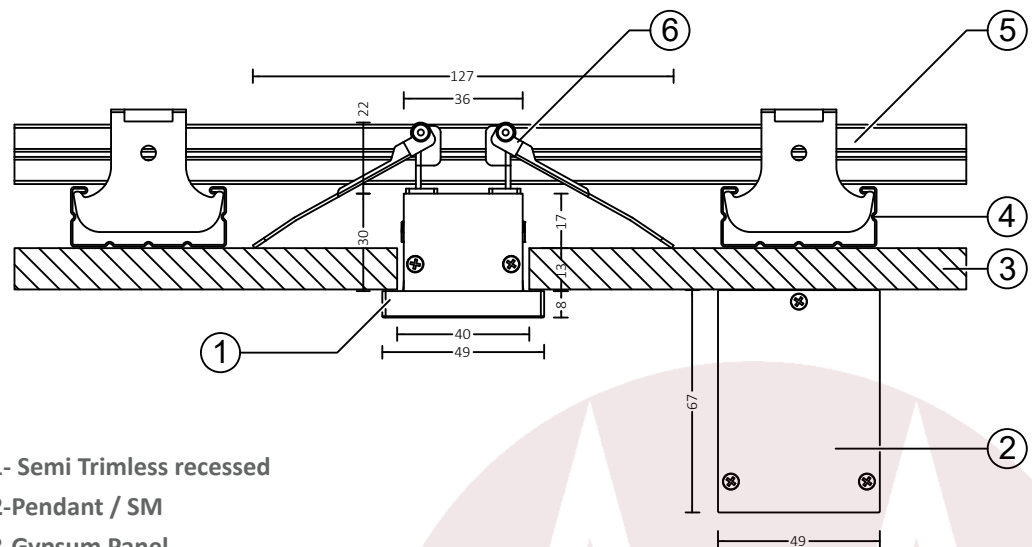
Intended use

Easy to install
 Set up after dry-wall installation
 Fast installation
 Easy to repair
 Long life span
 No space is needed for power supply (220V)
 Easy to adjust the length without manipulating LED modul
 Suitable for indoor use (IP43)
 Compatible with dry-wall details
 Suitable for various applications(flanged recessed/pendant and surface mounted)

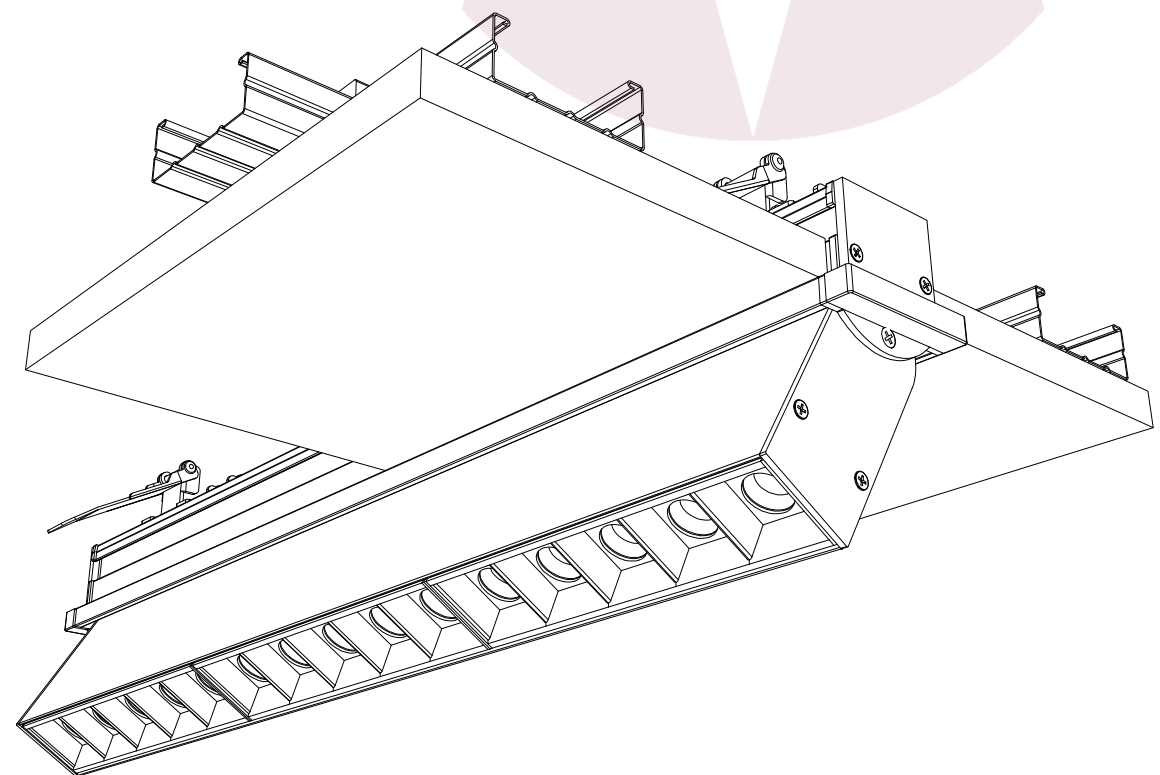


INSTALLATION DETAILS

Application



Recessed Application Detail



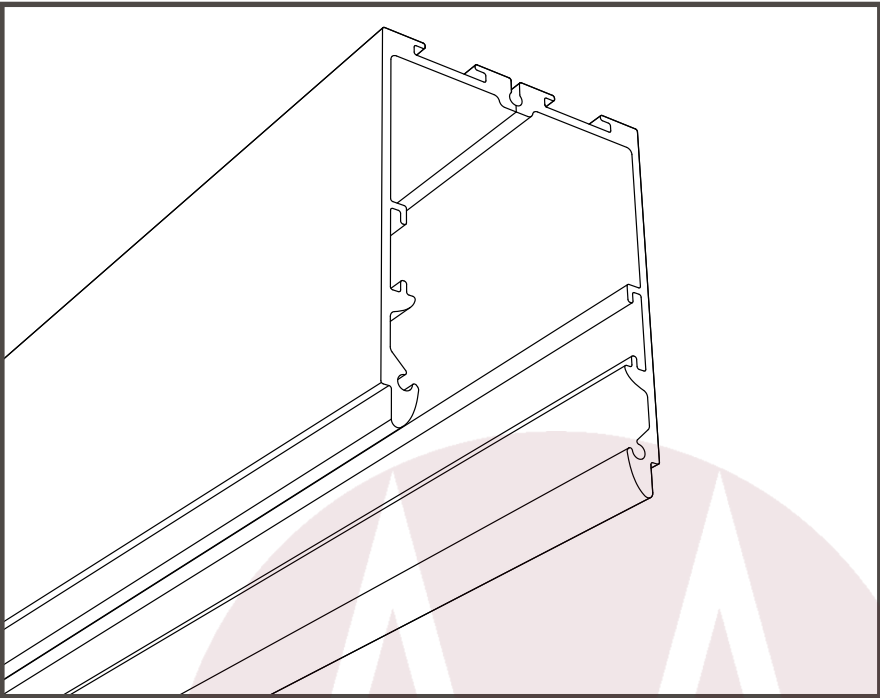
General information

Applications	
Trimless recessed	NA
Flanged recessed	Available
Surface mounted	Available
Pendant	Available

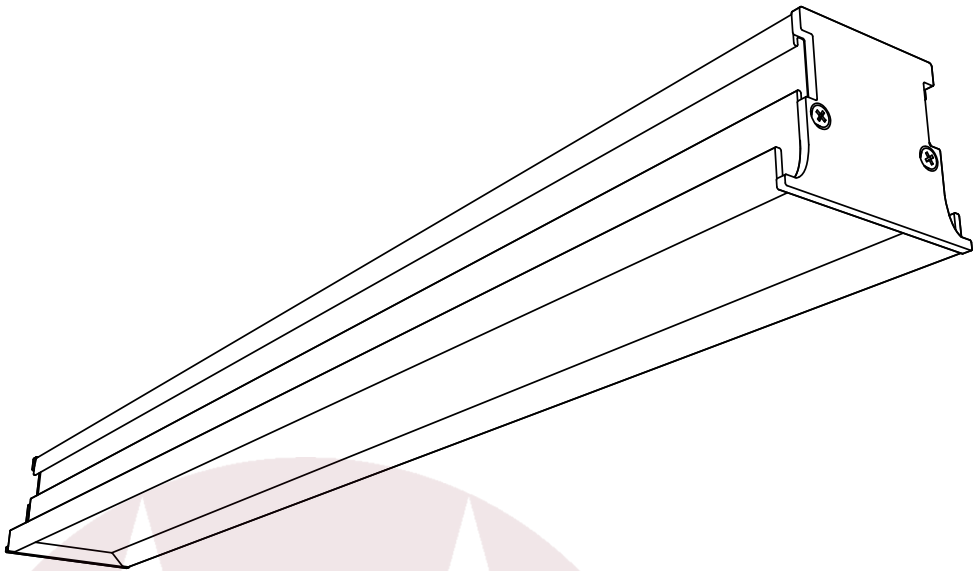
Material/Surface	
Main body	Extruded aluminium
Body paint	Electrostatic paint
Body colors	White/Sand Gray/Black
Diffuser	Extruded polycarbonate
Fixture	Plated steel
IP	42

Related products		
01	Linear light module	Available
02	Dark light module	Available
03	Tilt light module	Available
04	Track light module	Available
05	Pendant light module	Available

Rail information



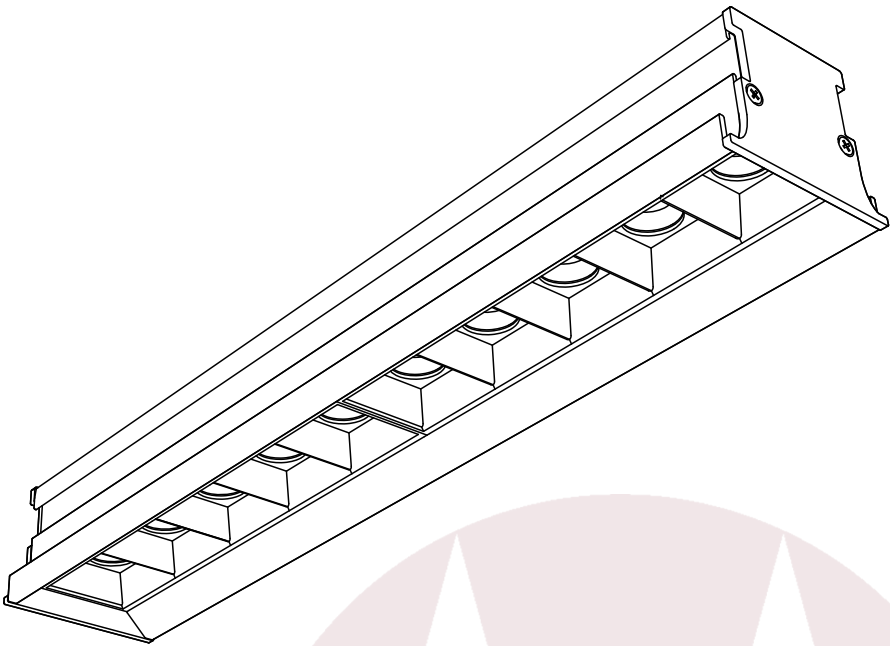
Rail	Surface mounted/ Pendant	Flanged
Profile width[mm]	49	
Profile height[mm]	68	38
Total height[mm]	68	60
Length[mm]	Unlimited	
Gap width for installation[mm]		40
Weight[kg/m]	2.0	0.8



Physical properties	30cm	60cm	120cm
Profile width[mm]	49		
Profile height[mm]	37.5		
Weight[kg]	0.23	0.46	0.92

Electrical specifications	30cm	60cm	120cm
Power[w]	5_9	9_18	18_36
Dimmable	Optional		
LED class	A&B		
LED circuit	Contant Current		
Working temperature	-25degree~+50degree		
Input voltage	210~ 265 v		
THD	<15%		
PF[%]	>0.9		
Driver type	Isolate		
Driver current[mA]	240		
Life span[hrs]	>50000		

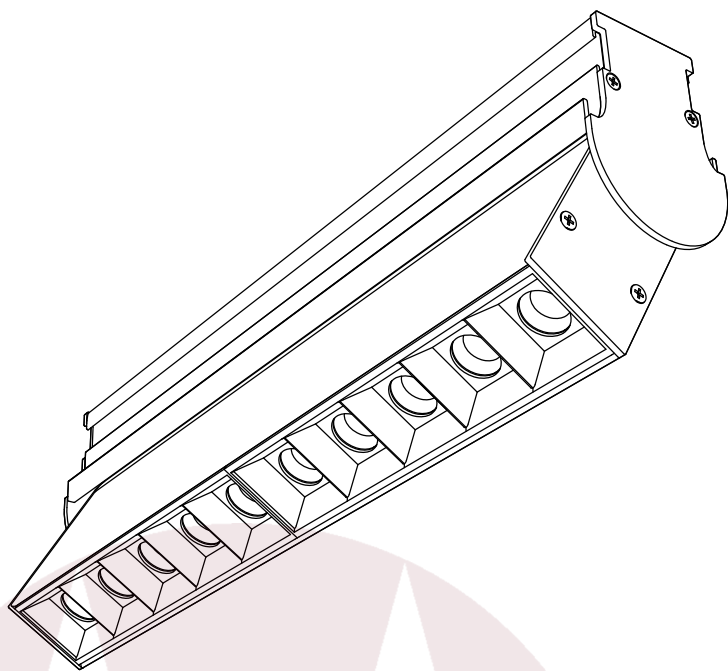
Exposure	30cm	60cm	120cm
Lumens[lm]	650_1300	1300_2600	2600_5200
Beam angle	120		
Mac Adam index	3		
Available temperatures[k]	3000/4000/5000		
Efficiency[lm/w]	80		
CRI	>80		



Physical properties	5x	10x	15x
Profile width[mm]	49		
Profile height[mm]	67		

Electrical specifications	5x	10x	15x
Power[w]	5_10	10_20	15_30
Dimmable	Optional		
LED class	A		
LED circuit	Contant Current		
Working temperature	-25degree~+50degree		
Input voltage	210 ~ 265 v		
THD	<15%		
PF[%]	>0.9		
Driver type	Isolate		
Driver current[mA]	240		
Life span[hrs]	>50000		

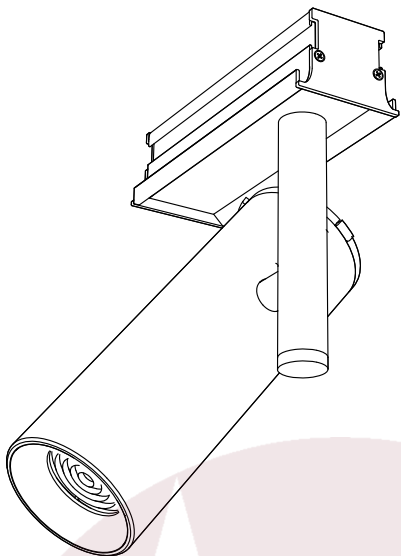
Exposure	5x	10x	15x
Lumens[lm]	650_1300	1300_2600	1950_3900
Beam angle	15°		
Mac Adam index	3		
Available temperatures[k]	3000/4000		
Efficiency[lm/w]	130		
CRI	>80		



Physical properties	5x	10x	13x
Profile width[mm]		49	
Profile height[mm]		103	

Electrical specifications	5x	10x	13x
Power[w]	5_10	10_20	15_30
Dimmable		Optional	
LED class		A	
LED circuit		Contant Current	
Working temperature		-25degree~+50degree	
Input voltage		210~ 265 v	
THD		<15%	
PF[%]		>0.9	
Driver type		Isolate	
Driver current[mA]		240	
Life span[hrs]		>50000	

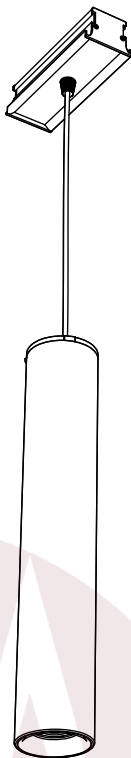
Exposure	5x	10x	13x
Lumens[lm]	650_1300	1300_2600	1950_3900
Beam angle		15°	
Mac Adam index		3	
Available temperatures[k]		3000/4000	
Efficiency[lm/w]		130	
CRI		>80	



Physical properties	315	617	817
Diameter	27	60	80
Height[mm]	150	170	170

Electrical specifications	315	617	817
Power[w]	6	12	18
Dimmable		Optional	
LED class		B	
LED circuit		Contant Current	
Working temperature		-25degree~+50degree	
Input voltage		210~ 265 v	
THD		<15%	
PF[%]		>0.9	
Driver type		Isolate	
Driver current[mA]		300	
Life span[hrs]		>50000	

Exposure	315	617	817
Lumens[lm]	780	1560	2340
Beam angle		38°	
Mac Adam index		3	
Available temperatures[k]		3000/4000	
Efficiency[lm/w]		130	
CRI		>80	



Physical properties	325	625	617	810	815
Diameter	27 Φ	60 Φ	60 Φ	80 Φ	80 Φ
Height[mm]	250	250	170	100	150

Electrical specifications	325	625	617	810	815
Power[w]	3	12		18	
Dimmable	Optional				
LED class	B				
LED circuit	Contant Current				
Working temperature	-25degree~+50degree				
Input voltage	210~ 265 v				
THD	<15%				
PF[%]	>0.9				
Driver type	Isolate				
Driver current[mA]	300				
Life span[hrs]	>50000				

Exposure	325	625	617	810	815
Lumens[lm]	390	1560		2340	
Beam angle	15°	38°			
Mac Adam index	3				
Available temperatures[k]	3000/4000				
Efficiency[lm/w]	130				
CRI	>80				





Dimmable



Magnetic(PNP)



Remote Control



Module Controller



Choosable size



Modular



Multiple Luminary



Easy installation



RGB



TW







LIGHT IS OUR PASSION

Innovative lighting systems from Modular Pro offer you the freedom to stage your performance individually with extraordinary highlights. They strengthen your brand, accentuate your product or enliven public areas such as bridges, facades or works of art and always achieve the desired effect

Draw
With Light

Index

Family Overview

Light modul collections

Technical sheet

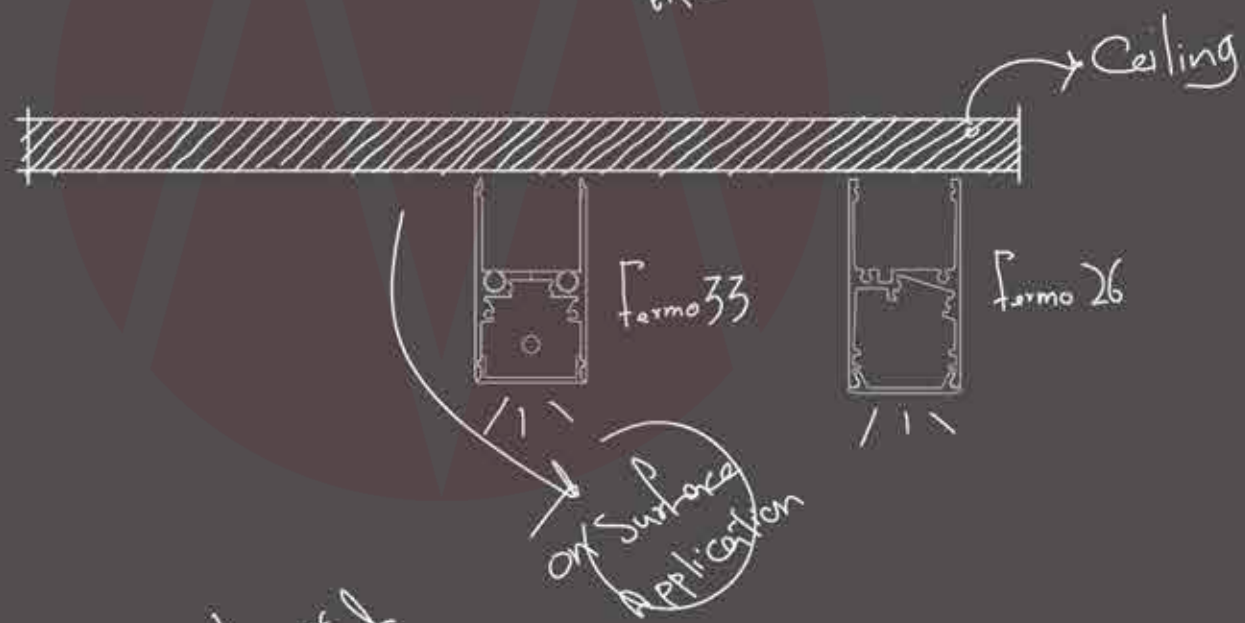
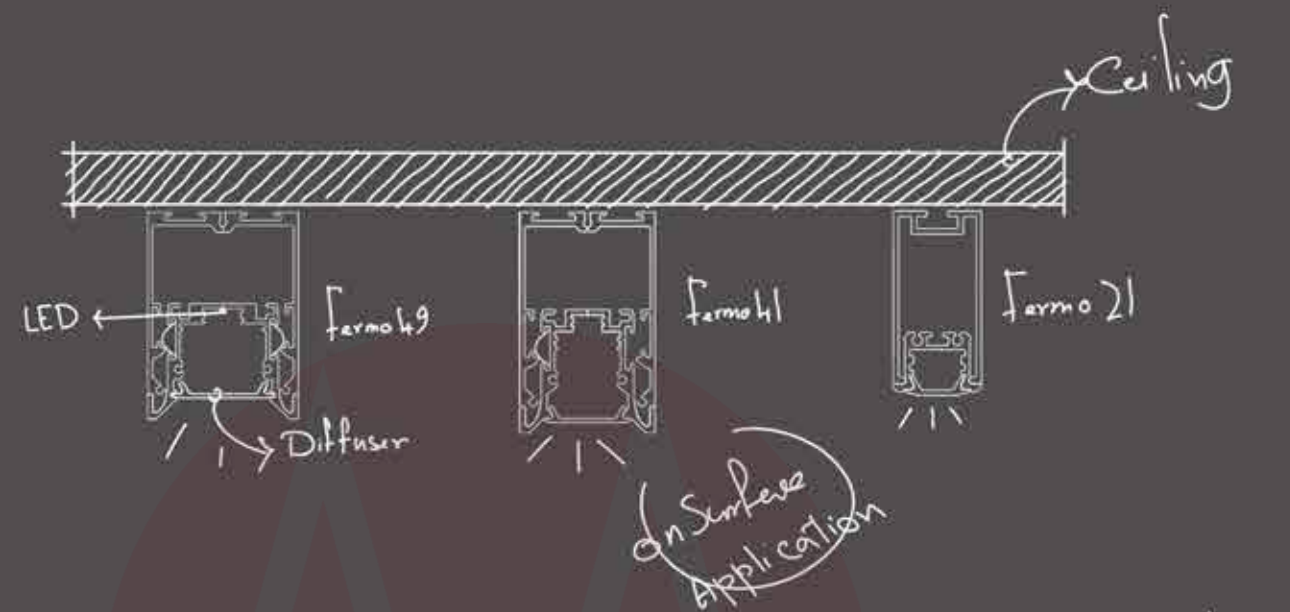
fermo series contains the lights that cut through space as all you see are slender lines of light. These ultra-minimalistic profiles allow you to draw with light, a creative tool to accentuate architectural detail and characterize beauty.

i look fine

amir

FERMO SERIES

Family Overview

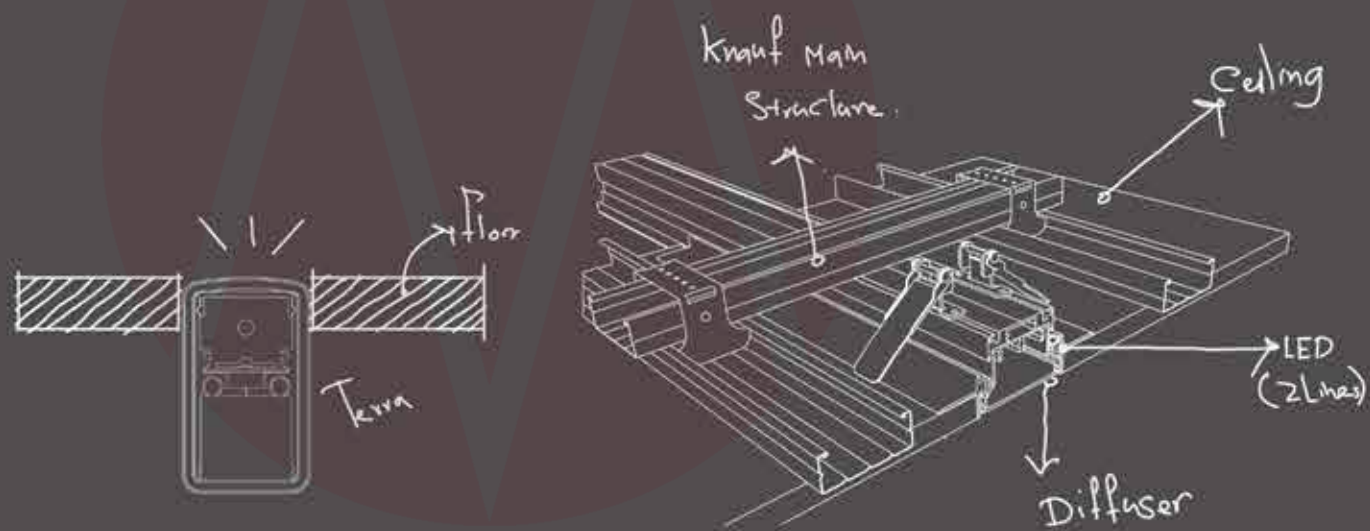
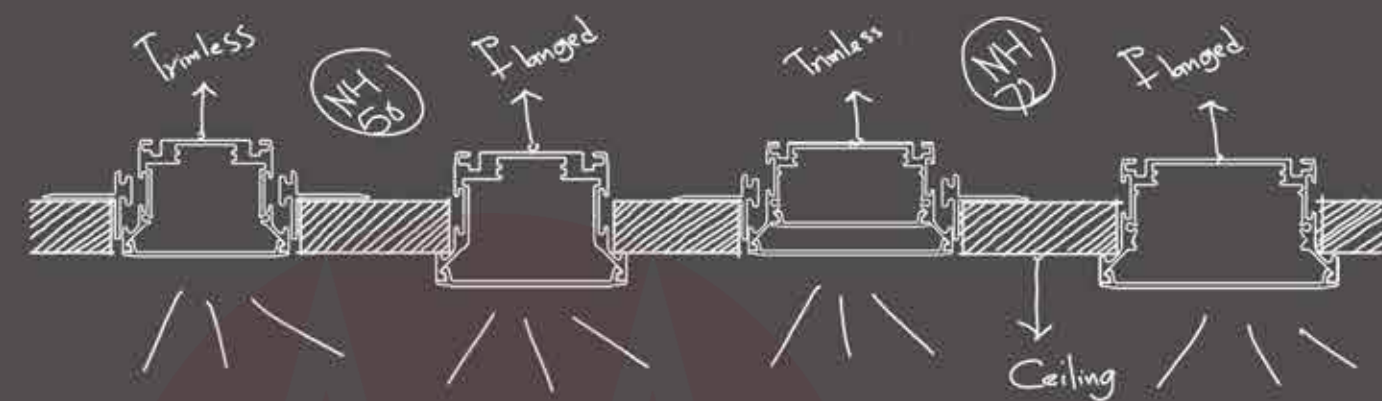


has pendant & recessed Application in some cases

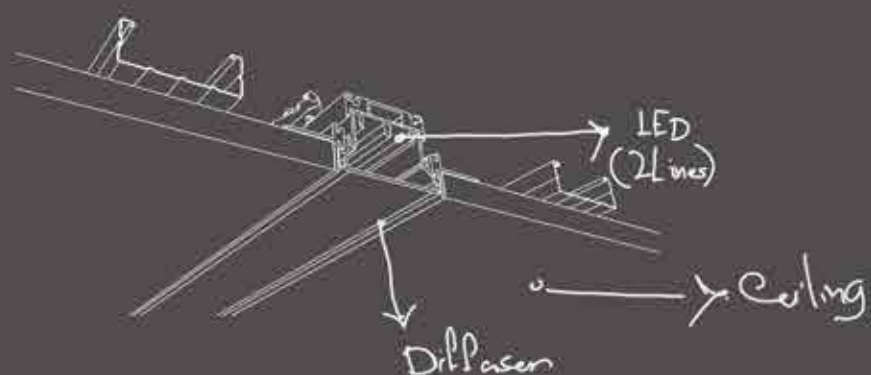


FERMO SERIES

Family Overview



Recessed Application





CICIS PIZZA RESTAURANT

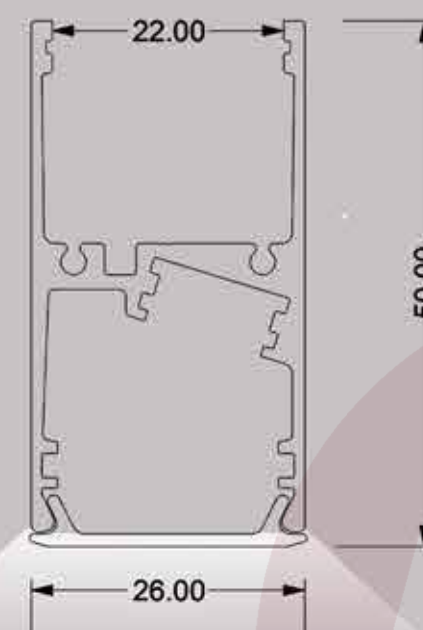
Location: Shahrake Gharb, Tehran, Iran

Architect: Sij Architecture Studio

Date: 2021



FERMO SERIES



Fermo 26

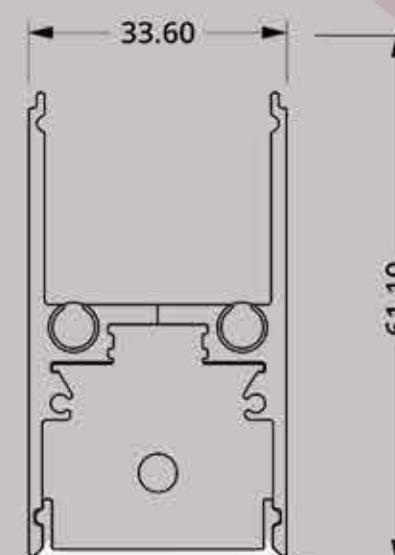
CHOOSE YOUR COLOUR



Surface



Pendant



Fermo 33

CHOOSE YOUR COLOUR



Surface



Pendant



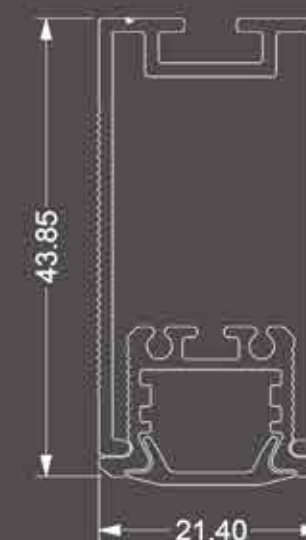
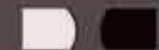


THERE'S POWER IN SIMPLICITY

our linear lighting collection is designed to blend effortlessly into a space surrounding and keep the focus where it needs to be: the comfort and productivity of its occupants

Fermo 21

CHOOSE YOUR COLOUR



Pendant



Surface




Recessed



Add a dramatic touch to the exterior and interior of your home with Fermo TERRA. It allows you to illuminate the exterior of your house with an elegant glow through light fixtures buried in strategic places. TERRA lighting enhances the looking of your home and gardens, particularly at night when the lighting effects result in most contrast. TERRA lights also offer a unique approach to the lighting effects of your home.





Terra

Recessed 

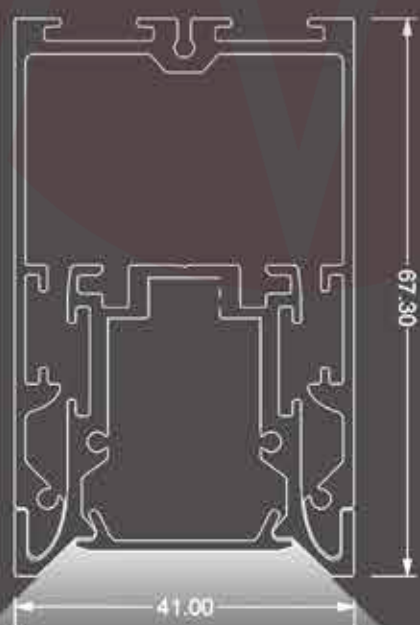
CHOOSE YOUR COLOUR

White , Black









Fermo 41

Recessed



Surface



Pendant



CHOOSE YOUR COLOUR

White , Black



Dance into THE Light



Fermo 49

Recessed



Surface



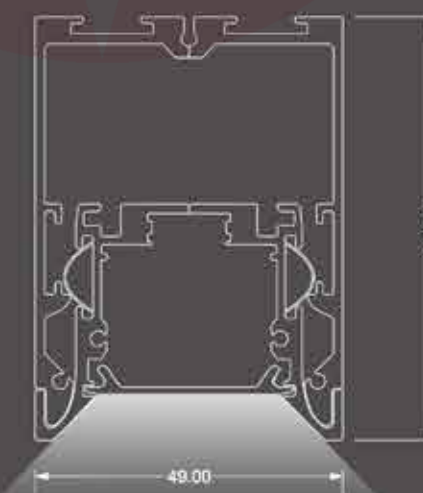
Pendant



CHOOSE YOUR COLOUR



White , Black





Fermo NH7

Recessed



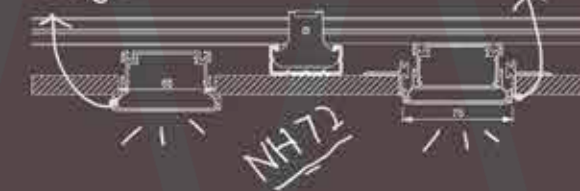
CHOOSE YOUR COLOUR

White, Black

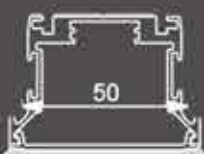


Flanged

Semi Trimless



The particular design of the mounting kit allows the Fermo NH to be installed flanged or trimless. The trimless finish on the NH profiles creates a black aperture on the wall or ceiling and can be equipped with a combination of the linear Fermo LED line for diffuse general lighting and the minimalistic modules for accent lighting. NH profiles are Slim in profile, smooth-sided in construction, and utterly functional in design.



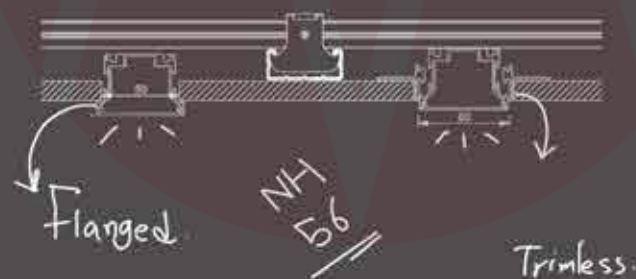
Fermo NH 5

Recessed



CHOOSE YOUR COLOUR

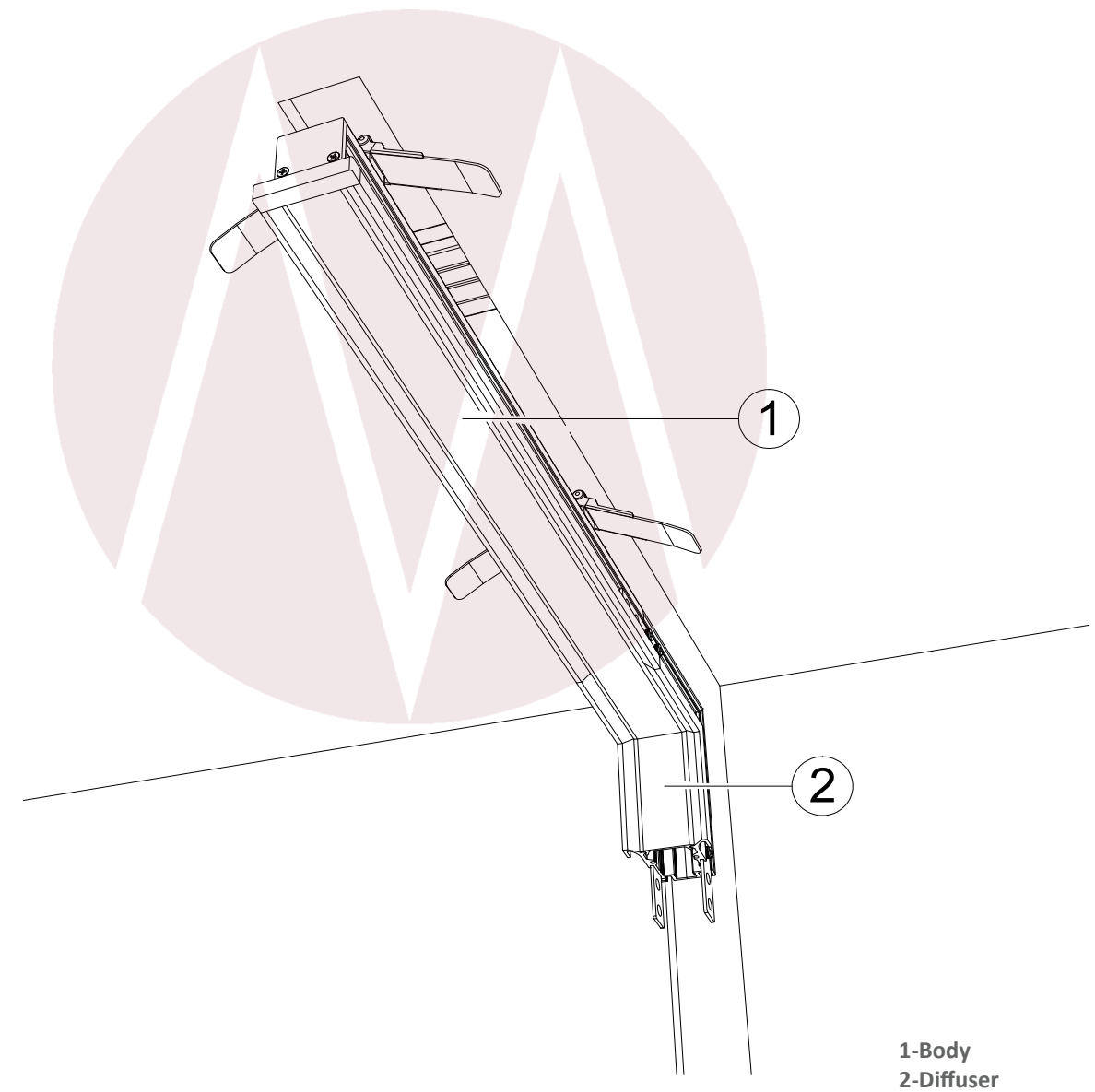
White , Black



TECHNICAL INFORMATION OVER VIEW

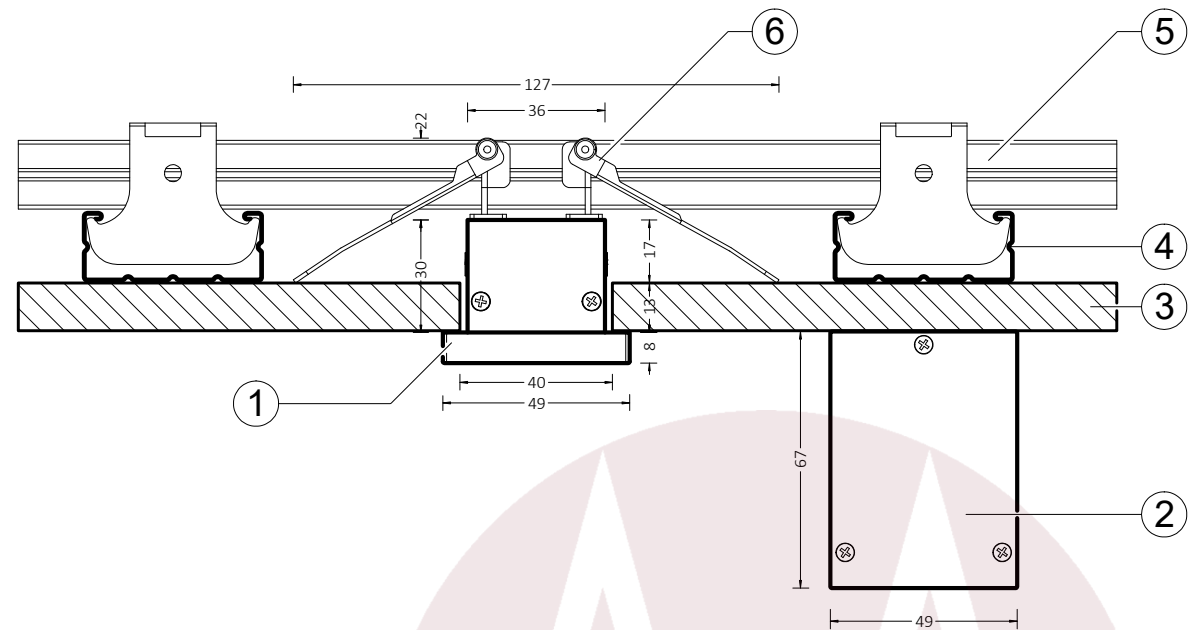
Intended use

- Easy to install
- Set up after dry-wall installation
- Fast installation
- Easy to repair
- long life span
- No space is needed for power supply(220V)
- Easy to adjust the length without manipulating LED modul
- Suitable for indoor use (IP43)
- compatible with dry-wall details
- Suitable for various applications(flanged recessed/pendant and surface mounted)

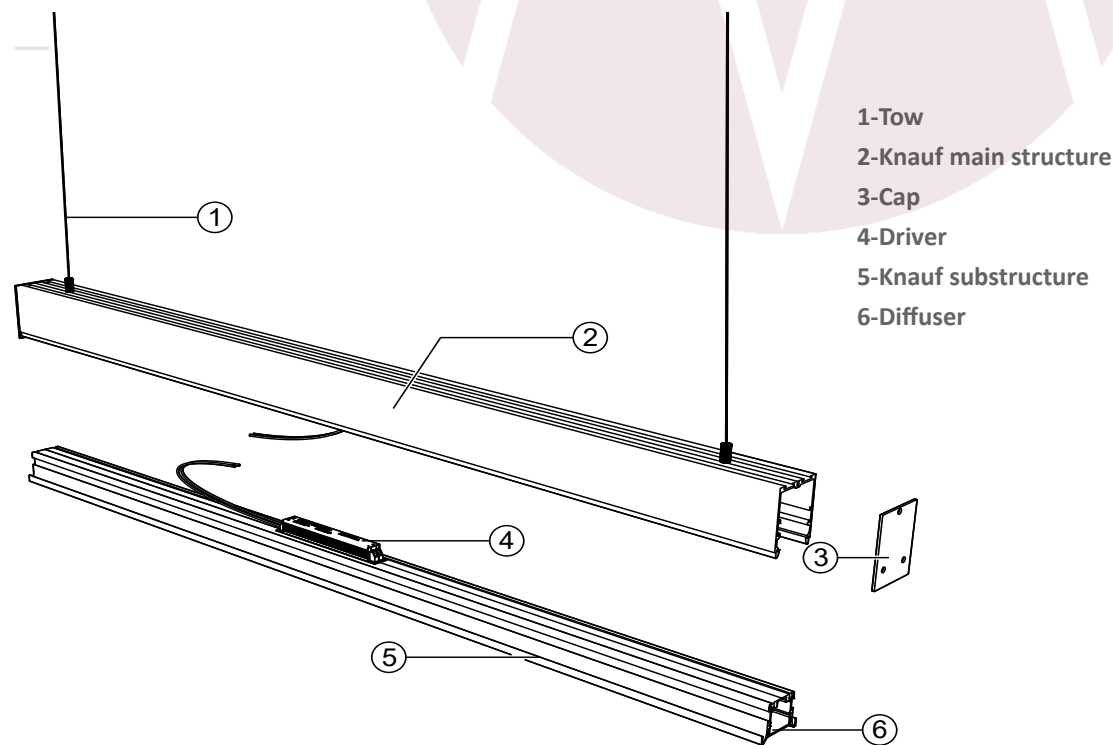


INSTALLATION DETAILS

Application



Recessed Application Detail



Technical data

Model	21	26	33	41	49	56	72	40(Terra)
Profile width[mm]	21	26	33	41	49	56	72	40
Total flanged model width[mm]	21.40	_____	_____	41	49	56	72	_____
Diffuser/ reflector width[mm]	16	26	33	26	33	56	72	40
Profile height[mm] (Recessed)	13	_____	_____	67	67	38	38	61
Total height (Recessed)	13	_____	_____	60	60	60	60	70
Pendant/ surface mounted height	44	48	61	70	70	101	101	_____
Gap width for recessed installation	16	_____	_____	35	40	50	65	50

Application	21	26	33	41	49	56	72	40(Terra)
Surface mounted	Available							NA
Pendant	Available							NA
Trimless recessed	NA					Available		
Flanged recessed	Available	_____		Available			NA	
In-ground recessed	NA							Available

Material/Surface	21	26	33	41	49	56	72	40(Terra)
Main body	Extruded alminium							
Body paint	Electrostatic paint							
Body colors	White/Sand Gray/Black							White
Diffuser	Extruded polycarbonate							
Fixture	Plated steel							
IP	43							68

Design characteristics	21	26	33	41	49	56	72	40(Terra)
Variable length adjustment (VLA)	Available							
Combined light	Na				Available	Na		
Magnetic snap modules (MSM)	Na							
Set up after dry-wall installation	Yes							No
Outdoor / indoor	Indoor							Indoor/ Outdoor
Type of luminarie	General / Decorative							Decorative

Exposure	21	26	33	41	49	56	72	40(Terra)
Lumens[lm/m]	720_1440				720_1920	1440_2880	720_1440	
Beam angle	120		105	110	120			
Mac Adam index	3							
Available temperatures[k]	3000/4000/5000							
Efficiency[lm/w]	80							
CRI	>80							

Electrical specifications	21	26	33	41	49	56	72	40(Terra)
Power[w/m]	9_18				9_24	18_36		9_18
Dimmable	Optional							
LED class	B							
LED circuit	Contant Current/Constant Current							
Working temperature	-25degree~+50degree							
Input voltage	220 v							
THD	<15%							
PF[%]	>0.9							
Driver type	Isolate							
Life span[hrs]	>50000							





Motion

Modular pro lighting

Dimmable



Magnetic(PNP)



Remote Control



Module Controller



Choosable size



Modular



Multiple Luminary



Easy installation



RGB



TW





CATCH UP THE Motion!

Sufi Dance

The Sufi dance is the dance of souls and reveals spiritual energy. This energy cannot be seen with the naked eye because it is elusive. Its color is a colorless light, pure and transparent like a mirror through which the world is reflected. The Sufis twirl in a continuous motion with both arms outstretched to the sides – one hand pointed toward the ground and the other pointed toward the sky, symbolizing reaching for the divine. Sufi whirling becomes an ecstatic, meditative-like state.

Modularpro Principles

Motion series

Take a look inside

Technical sheet

Index

Recessed

Track Light

Wall Mounted

Pendant

Motion Series

Modularpro lighting

Splash the Light



Modular pro lighting

used an iterative design thinking process that alternated between divergent and convergent design steps. The key aims were to humanize spaces and make them more adaptable. The heart of the process therefore involved research to identify the user-centric problems the system should solve, and the resulting functions and services it could offer. Various insights were uncovered concerning the use of light in space with respect to the needs of the end users, the designers and the facility managers. These insights were then turned into workable solutions.



MOFID AGENCY COFFEE SHOP

Location: Jordan, Tehran, Iran

Architect: Concept group

Date: 2020_2021

Surface and Pendant Motion Series



CHOOSE YOUR COLOUR
White , Black



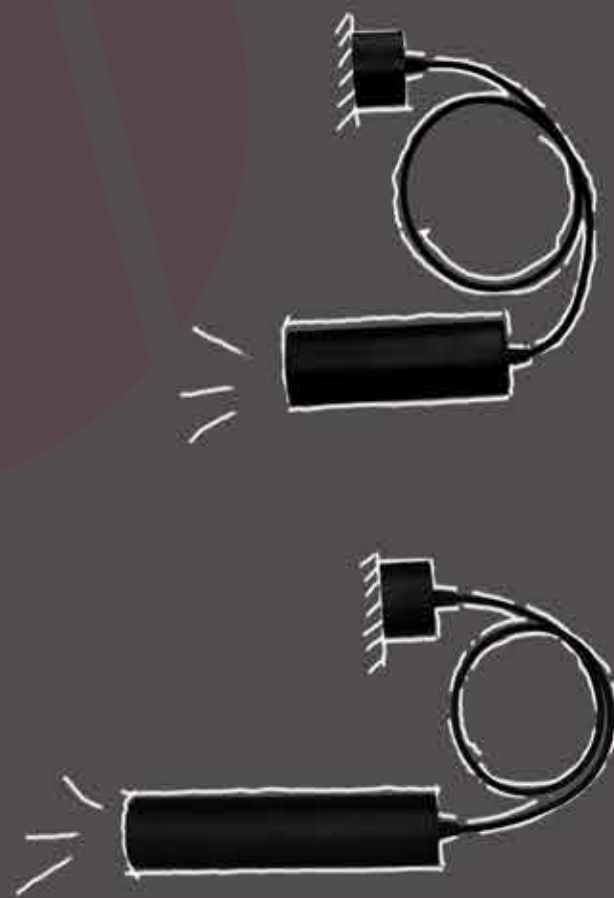
625
SM/P



810/815
SM/P



610/∞
SM/P



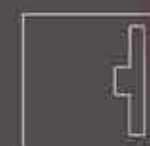


Why To Love Track Lighting

Modern track lighting has come a long way since the peak of its popularity in the 80s. The ultimate contemporary lighting option, track lighting, is an easy way to illuminate spaces in modern **homes** and studios. These lights work well in spaces with both standard and vaulted ceilings and look good in rooms ranging from **kitchens** to **bedrooms**. Most track lights are adjustable, dimmable, and can provide functional, task, and ambient light depending on the room's needs

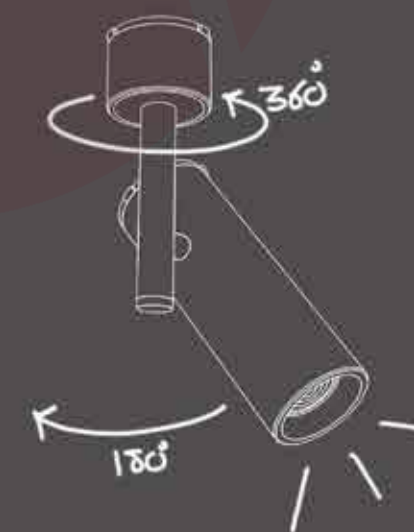


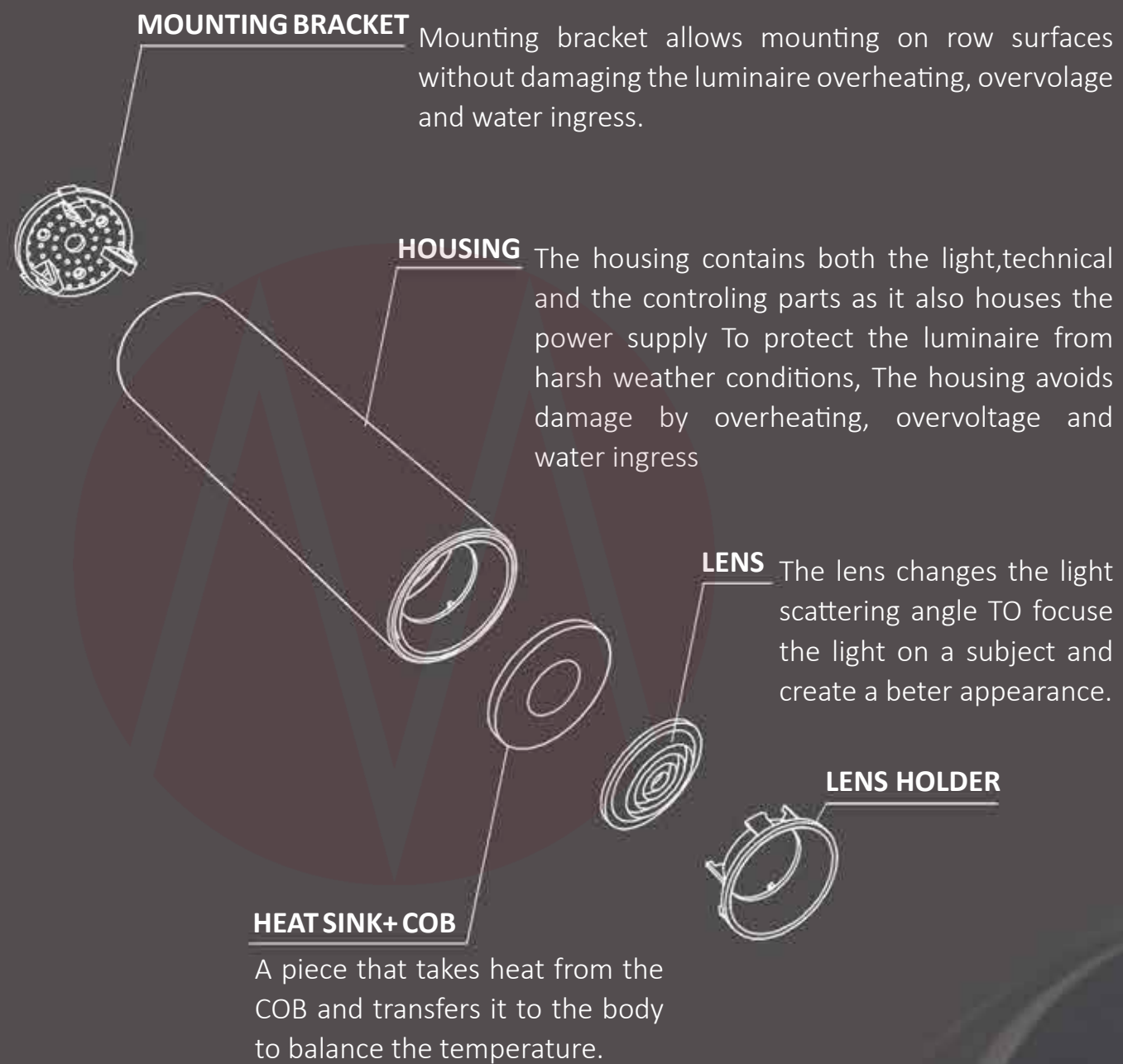
Motion Series Track Light



Choose Your Colour
Black, White ☐ ☒

Choose Your Power
12 W/18W





TAKE A LOOK
INSIDE



Motion Series Wall Mounted



Choose Your Colour
Black, White ☐ ☐

Choose Your Power
5 W/10 W



615/625



810/815

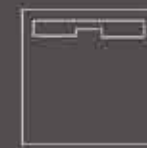


Wall Mounted lights

Wall mounted light fixtures are designed to provide direct illumination on a specific area. This type of fixture works extremely well to provide lighting around the mirror. By placing the lighting relatively close to eye level, the fixtures cast light directly on a person, allowing them to see themselves clearly in the mirror.



Motion Series Recessed



Choose Your Colour
Black, White ☐ ☒

Choose Your Angle
Rotate 360 / Tilt ± 90

Choose Your Power
5 W/12W



610/615



LIVE MOTION

Incandescent lights are good to light up a room or grow low-light houseplants, such as vines, ferns or dracaenas. They have limited utility for growing plants with higher light requirements. These lights put out only about 10 percent of their energy as light while 90 percent is heat. So, unless you want to cook your plants, they aren't ideal for light-loving plants like many tropicals, cacti or succulents.



YUSEF ABAD RESIDENTIAL COMPLEX

Location: Yusef abad, Tehran, Iran

Architect: Siaj Architecture Studio

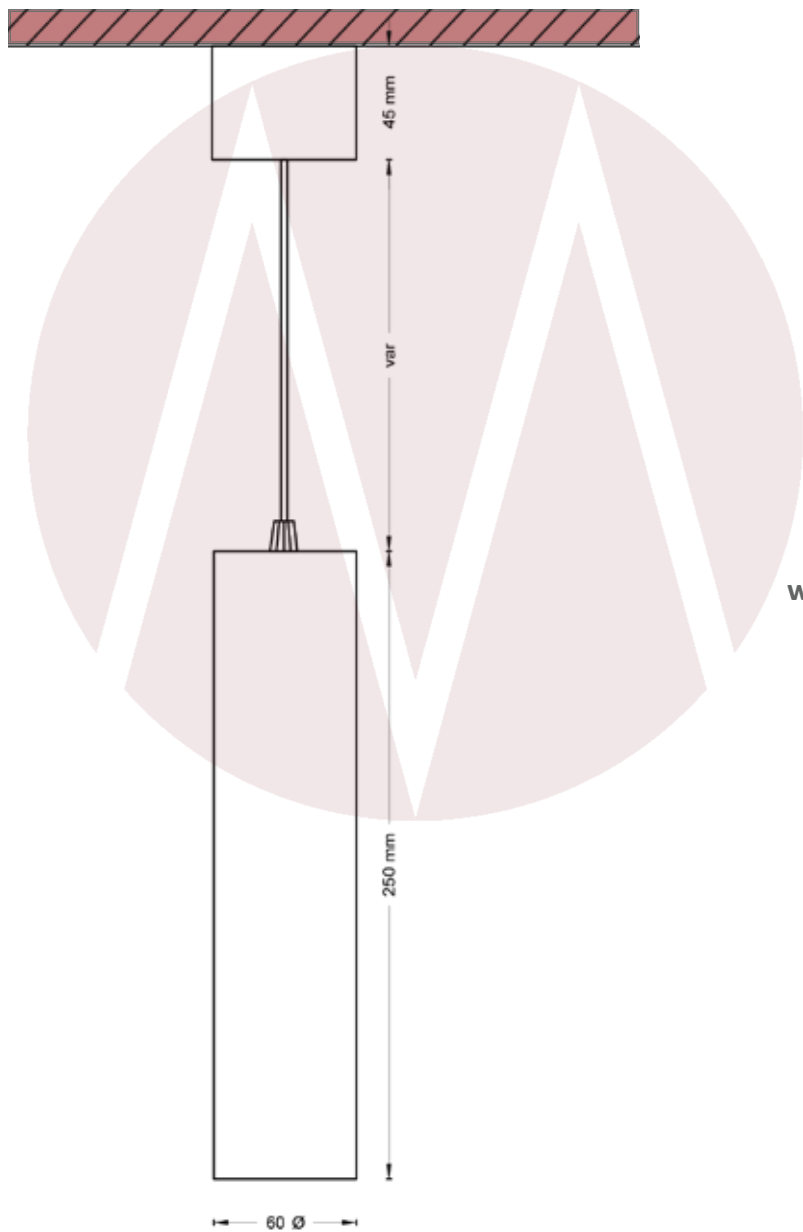
Date: 2019

PROFESSIONAL SPOT LIGHT MODULES

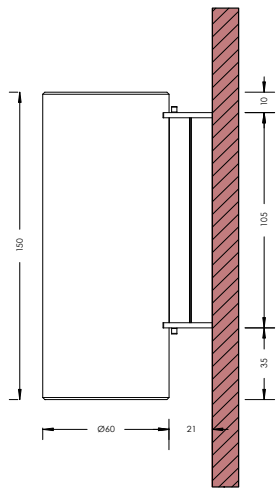
Design

- easy to install
- economic
- easy to repair
- built-in power supply (220v)
- suitable for indoor use (IP42)

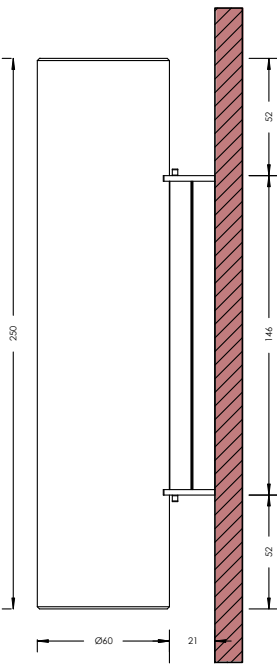
Pendant



wall-mounted down light fixture



wall-mounted up & down light fixture



Technical data

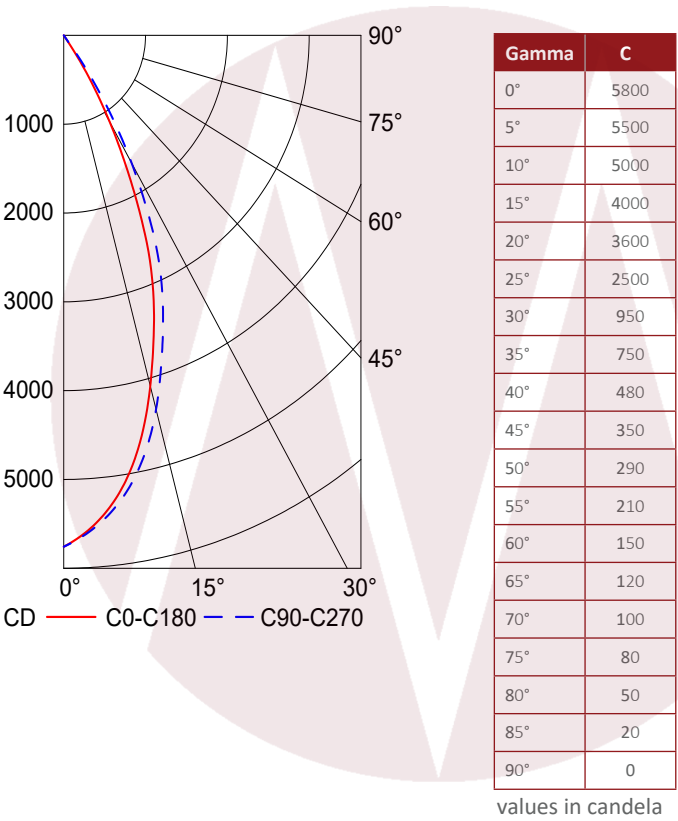
Dimensions		
Height [mm]	150 one way	250 two way
Profile diameter [mm]	60	
Diffuser/reflector diameter [mm]	47	
Profile height [mm]	105	145
Total height [mm]	150	250

Material/surface	
Main body	Extruded aluminum
Body paint	Electrostatic paint
Body colors	White/Sand Gray/Black
Diffuser	Acrylic
IP	42

Design characteristics	
Outdoor/ indoor	Indoor
Type of luminarie	General/decorative

Electrical specifications	150	250
Power [w]	10	2x10
Dimmable	NA	
LED class	B	
LED circuit	Constant Current	
Working temperature	-25° ~ +50°	
Input voltage	210 ~ 265 v	
THD	<15%	
PF [%]	>0.9	
Driver type	Isolated	
Driver current [mA]	300	
Life span [hrs]	>50000	

Lighting features		
Exposure	26	34
Lumens [lm]	950	1900
Beam angle	60°	
Mac Adam index	4	
Available temperatures [k]	3000/4000/5000	
Efficiency [lm/w]	130	
CRI	>80	



zonal lumen summery

Zone	Luminaire %
0-30	91%
0-40	95%
0-60	99%
0-90	100%
0-180	100%

illuminance

Distance From LED	Foot candles		Diameter
3'		101	9
6'		25	38
9'		11	85

color temprature

3000k	4000k	5000k
0.98	1.00	1.04





Dimmable



Magnetic(PNP)



Remote Control



Module Controller



Choosable size



Modular



Multiple Luminary



Easy installation



RGB



TW





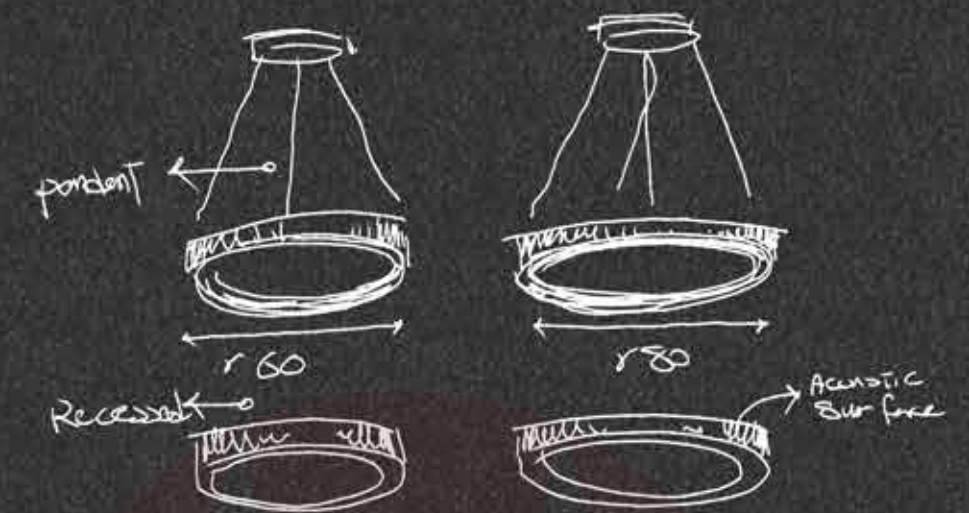


Round Woolly

Choose Your Colour & Material

Choose Your Installation
Pendant or surface

Choose Your Power
40 W/60 W



Motion Lighting Acoustic

Acoustical Lighting

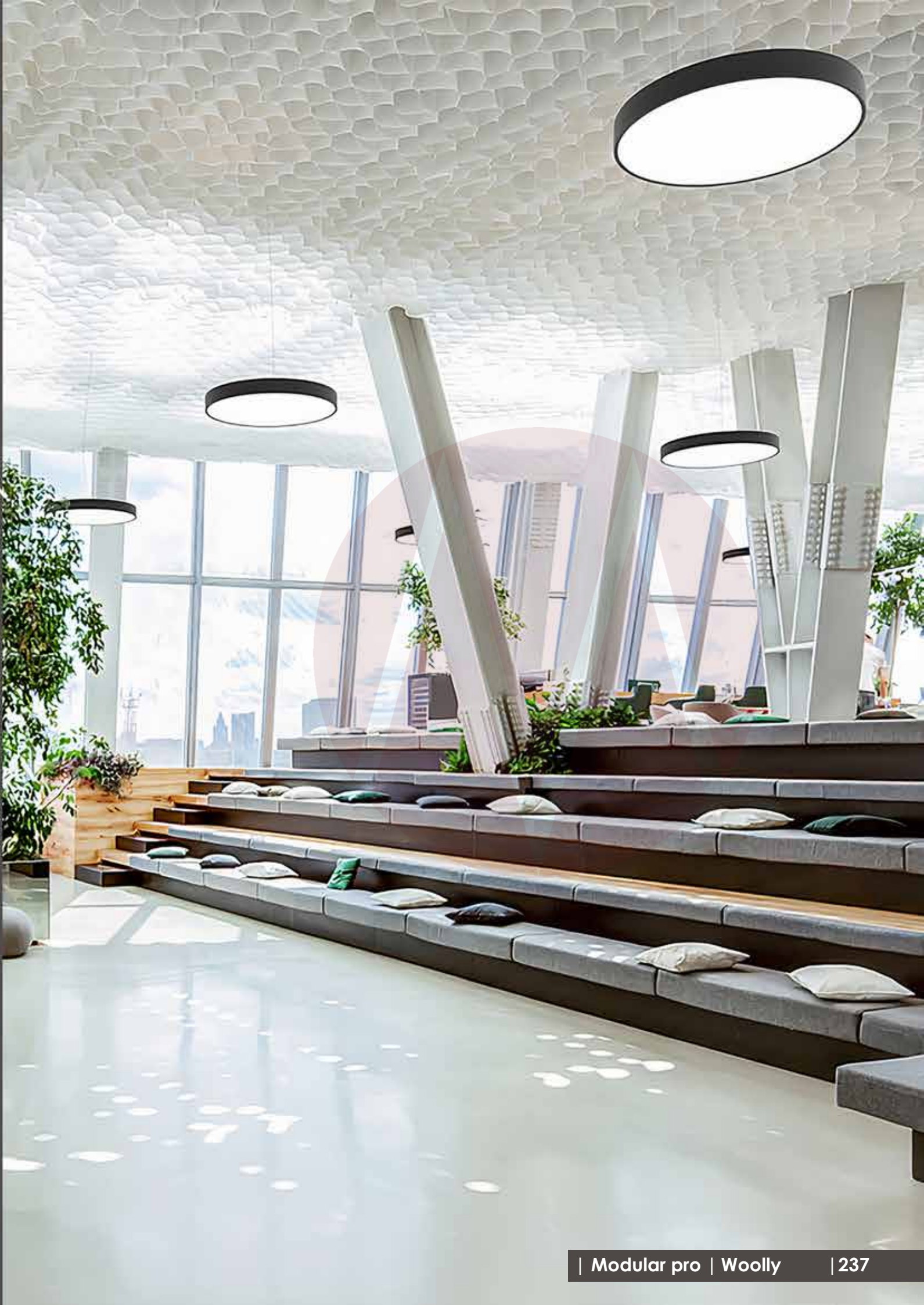
Acoustic Lighting is an innovative lighting solution that reduces up to 40% of ambient noise in busy, open offices. This unique product combines form and function to visually and acoustically enhance the workspace.

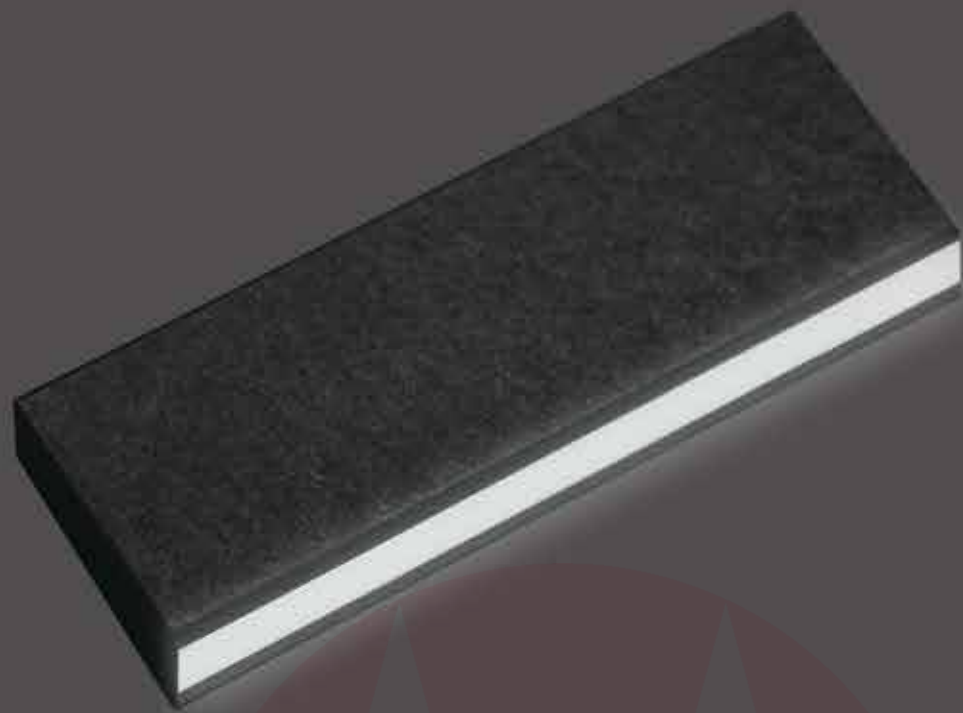
Making a Sustainable Difference

At Woolly editions, we strive to make a difference. Our products are designed to enhance people's working lives, positively influencing comfort and concentration.

Modern Design

Our stunning lighting range offers solutions for every office space. In addition to highly effective sound management, our acoustic lights provide a sophisticated, decorative element to the office environment.



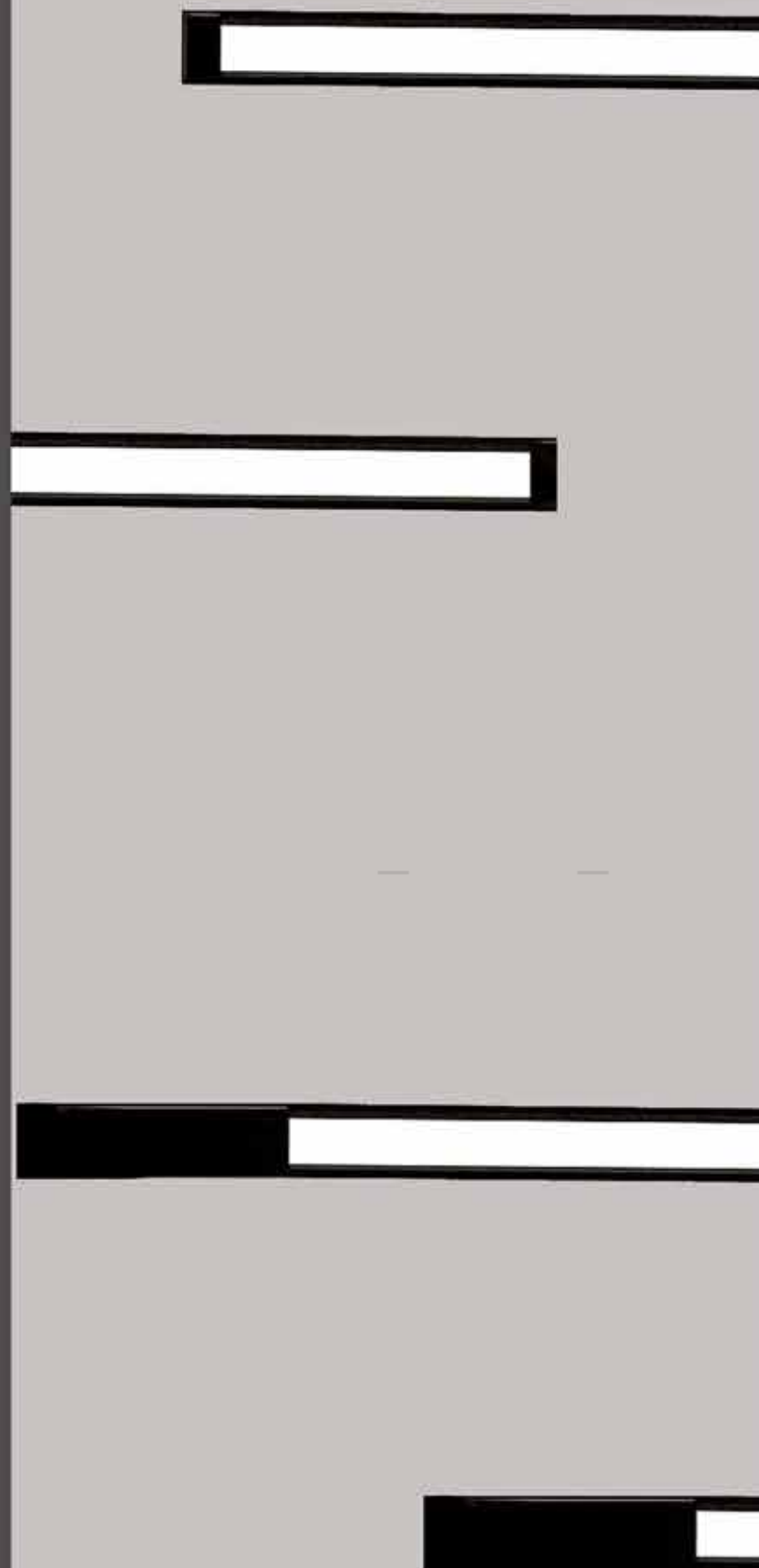


Fermo Woolly

Choose Your Colour & Material

Choose Your Installation
Pendant or surface

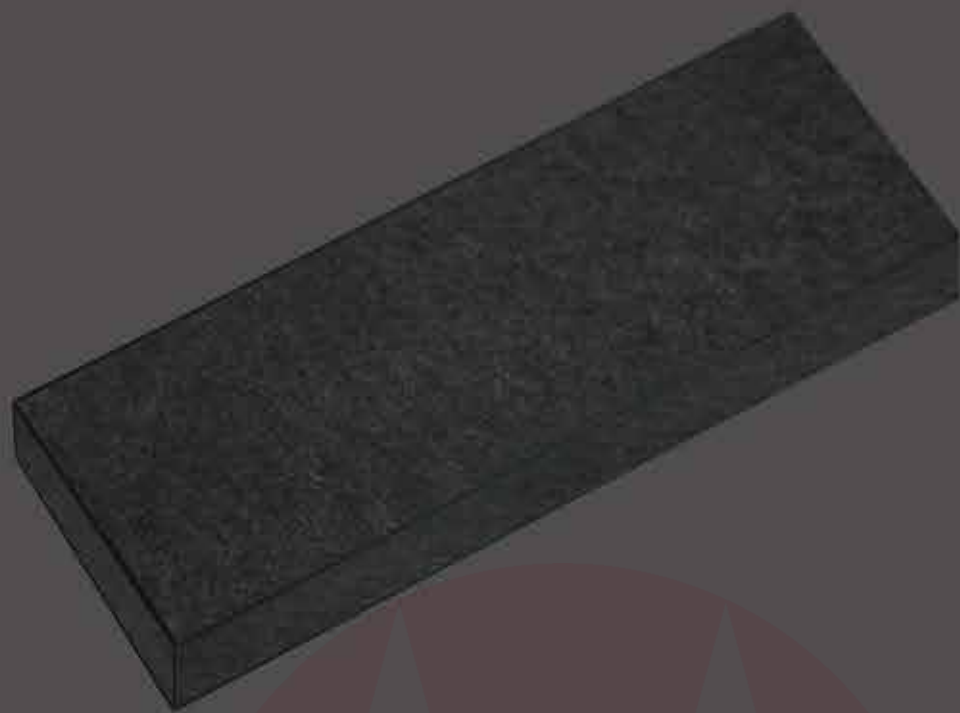
Choose Your Power
5.6 W



LINEAR LIGHTING Acoustic

The Acoustic woolly module integrates sound absorption and the latest LED technology to create an effective acoustic lighting solution. It utilizes a micro structure diffuser to eliminate glare and offers a 1% dimming standard, The Acoustic Static is also available as an unlit baffle.

The Acoustic Module allows ceiling and wall surfaces to remain visible and free of clunky traditional acoustic treatments, and the large-scale acoustic fixture offers a solution to problematic public space, From airports to classrooms-and-everything in between. LightArt's Acoustic Collection offers' an efficient lighting and acoustic solution for any environment.



Woolly panel

Suspended acoustic panels reinforce-what's known in the science world as-the 'proximity effect'. In getting closer to the noise source at varying heights, the suspended panels are targeting and suppressing different frequencies. Numerous venues have incorporated this methodology into their acoustic design; most notably, the Royal Albert Hall. Using convex reflectors suspended at various heights, the venue can tackle the room resonance, whilst delivering an un-matched quality of sound. Music and concert venues are perfect examples of how you can 'tune' suspended acoustic panels to improve the experience of the consumer.





Beneficial
knowledge

KEY TERMS

Lumens

Lumen output, also known as brightness or light output, is a measure of the total quantity of visible light emitted by a light source per unit of time, weighted according to the human eye’s sensitivity to wavelengths of light, the study of which is known as luminous efficiency function. The reference point: a standard 100-watt incandescent light bulb produces about 1,500 – 1,700 lumens.

Watts

Not a measure of brightness; instead, it’s a measure of how much electricity (or energy) a light bulb consumes to reach its claimed brightness. Each type of light source, LED, fluorescent, halogen or incandescent has a different lumen-per-watt ratio.

Wattage Equivalence

Since we’ve conflated watts and lumens, it’s easier to talk about bulbs in terms of watts. So if a 100-watt incandescent produces 1,500 lumens, and a 10-watt LED does the same, the 10-Watt LED may advertise “100-watt equivalent” on its label.

Efficacy

The number of lumens a bulb produces for each watt it consumes. The higher the number, the more efficient the bulb. For example, lighting products that have been designated with the ENERGY STAR label are deemed high efficacy, meaning they have been determined to deliver the same features while using less energy.

Determine Room Square Footage

Multiply the length times the width of the room to get the Room Square Footage. For example, if the room is 10 feet wide and 10 feet long, the Room Square Footage will be 100 square feet.

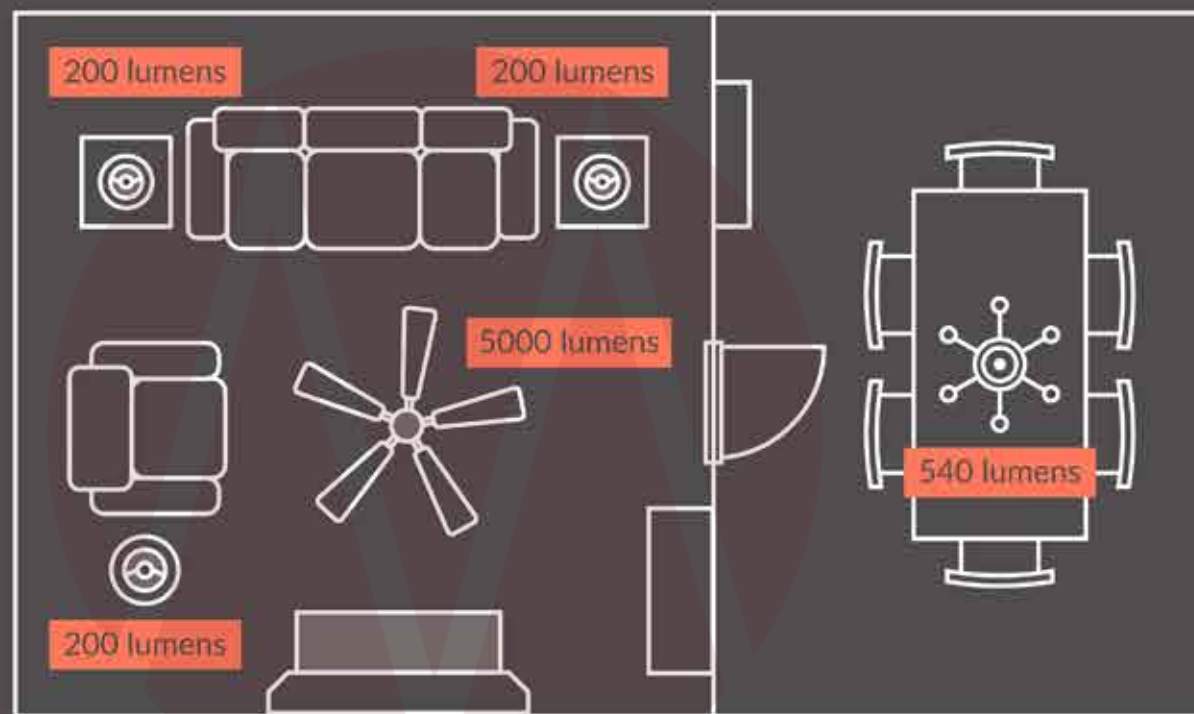
Determine the Foot candles by Room Type

A footcandle is how bright a light is one foot away from its source. Lighting requirements/needs vary depending on the type of room being lit. For example, a bathroom or kitchen will require more footcandles than a living room or bedroom.

Room	Footcandles Needed
Living Room	10-20
Kitchen General	30-40
Kitchen Stove	70-80
Kitchen Sink	70-80
Dining Room	30-40
Bedroom	10-20
Hallway	5-10
Bathroom	70-80

Determine the Required Lumens

To determine the lumens needed, you will need to multiply your Room Square Footage by your room footcandle requirement. For example, a 100-square-foot living room, which needs 10-20 footcandles, will need 1,000-2,000 lumens. A 100-square-foot dining room, which needs 30-40 footcandles, will need 3,000-4,000 lumens.



Summary

For the average space of 250 square feet, you'll need roughly 2,500-5,000 lumens as your primary lightsource (10-20 lumens x 250 square feet). In your dining room, you'll want about 30 lumens per square foot on your dining table (you want to see your food, but not examine it), so if your table is 6 x 3 feet, that's 540 lumens. Keep in mind, however, that these numbers are for typical conditions. If you have especially dark colored walls and furniture, or if you're using fixtures with shades, you'll need roughly an additional 10 lumens per square foot. We based our calculations on 8-foot ceilings. Finally, personal preference will play the largest part in your decision. If you like the room to be especially bright, you may want to add an additional 10 to 20% to our numbers. In fact, the best approach for most spaces is to aim high and install dimmers to bring the light down to desired levels

Tunable White Lighting

Tunable white lighting technology is defined as the ability to control a light source's color temperature output. It is also referred to as variable white, dim-to-white, hybrid white, or custom temperature lighting from other manufacturers. This is done by manufacturing the strip light or PCB with different color temperature LEDs. Using a remote control or external control system such as DMX, you are able to select the desired color of white anywhere between the available range specified by the manufacturer.

How do we classify "white" light?

sometimes they are classified as either warm or cool, daylight, bright white, or soft white. These names are used to specify the color temperature of white that is emitted from the light source. The color of white light can be quantified by referring to its color temperature. To better understand the difference in variable white lights / tunable white lighting, you need to understand what correlated color temperature is:



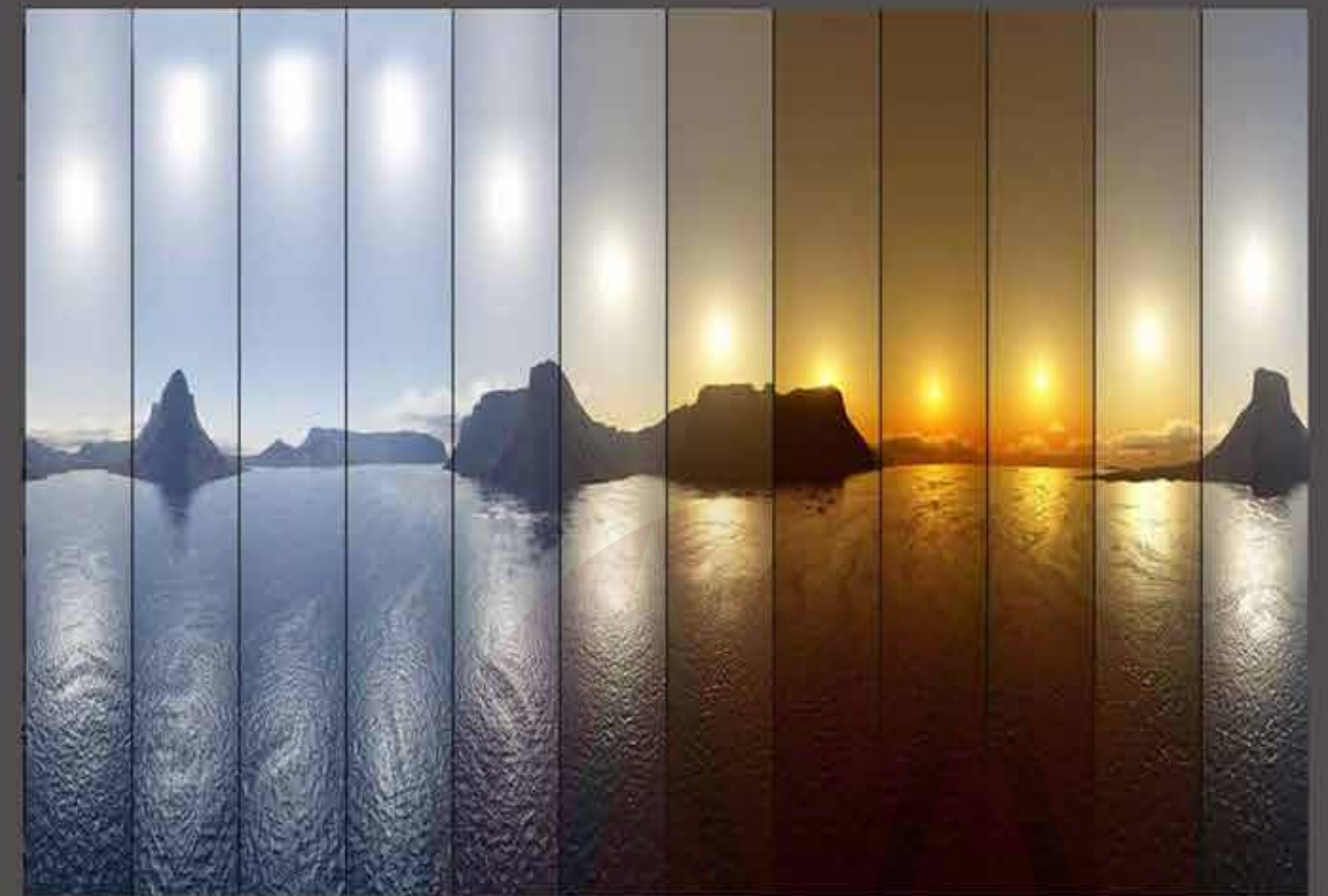
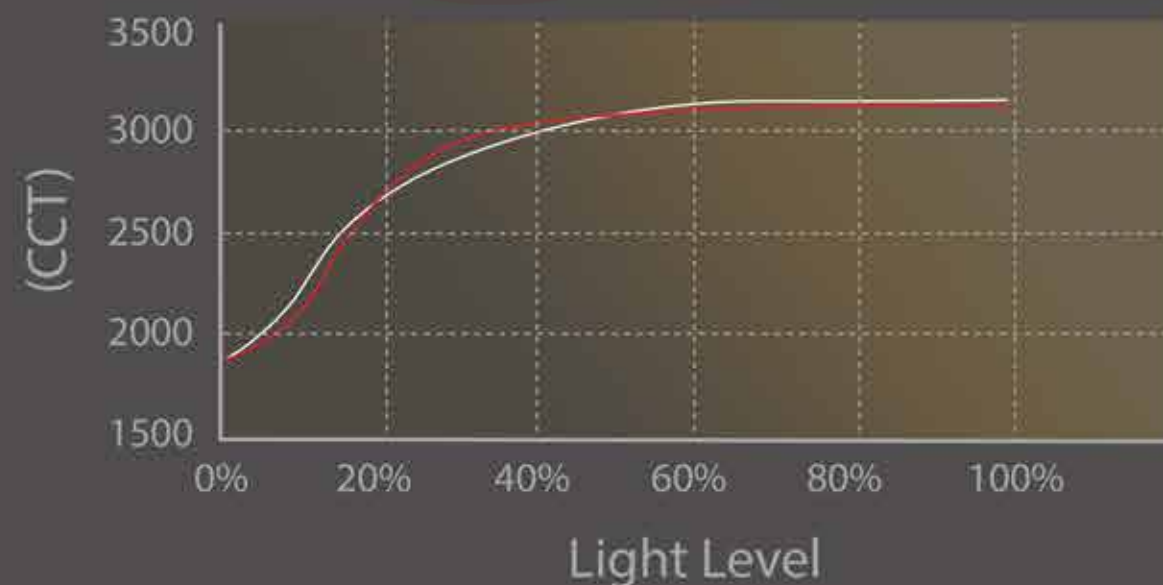
What is CCT?

CCT (Correlated Color Temperature) refers to the color temperature of light, measured in degrees Kelvin (K). The temperature rating directly correlated to what the white light will look like to us humans. Within the LED industry, it is typical to see white LEDs created anywhere between 1800K (candlelight) and 7000K (daylight).

What are the Benefits of Tunable White LED Lighting?

Whether you're thinking about getting tunable lighting for your home, office, or a commercial facility, there may be times you want to have the option to change the light for various reasons. For instance, a restaurant may want to have varying CCT capabilities for different events or parts of their service to create different moods while a hospital may want to have cooler light during the day to help patients be more alert and warmer light at night to help them relax. Having the option to control the lighting can be beneficial in several ways:

- Health Benefits- Your Circadian Rhythm and lighting
- Increased productivity
- Sustainability
- Design Focus



Circadian Rhythm Manipulation Through Lighting

In essence, your Circadian Rhythm is your body's clock. Your body naturally knows when to wake up and when to sleep. At all times of the day, your body is supposed to have a natural rhythm that guides your alertness, sleeping, and eating patterns. Studies of the Circadian Rhythm have shown that the intensity, timing, duration, and wavelength of light can affect the biological clock of humans.

In other words, our circadian rhythm can be interrupted by our constant use of bright man-made lighting (think about using your bright phone screen at night in bed). Disruptions in this rhythm can result in health issues such as obesity, cardiovascular and neurological problems like sleep disorders. Researchers have found that CCTs above 5500K (containing a high amount of blue light) can disrupt our circadian rhythm by keeping us up when we should naturally be sleeping.

Increased Productivity

Many of us have heard theories about the way that colder rooms in workplaces or educational settings help concentration. Working under the right lighting also helps us work diligently and increases our productivity ratios. Having the ability to tune the lights according to the needs of moods have a definite impact on productivity because of our circadian rhythm. If we are in a well-lit environment that natural mode is stimulated and we are much more energetic and focused. The following list further supports this lighting theory and allows us to see all the different places where lighting can be a positive influencer.

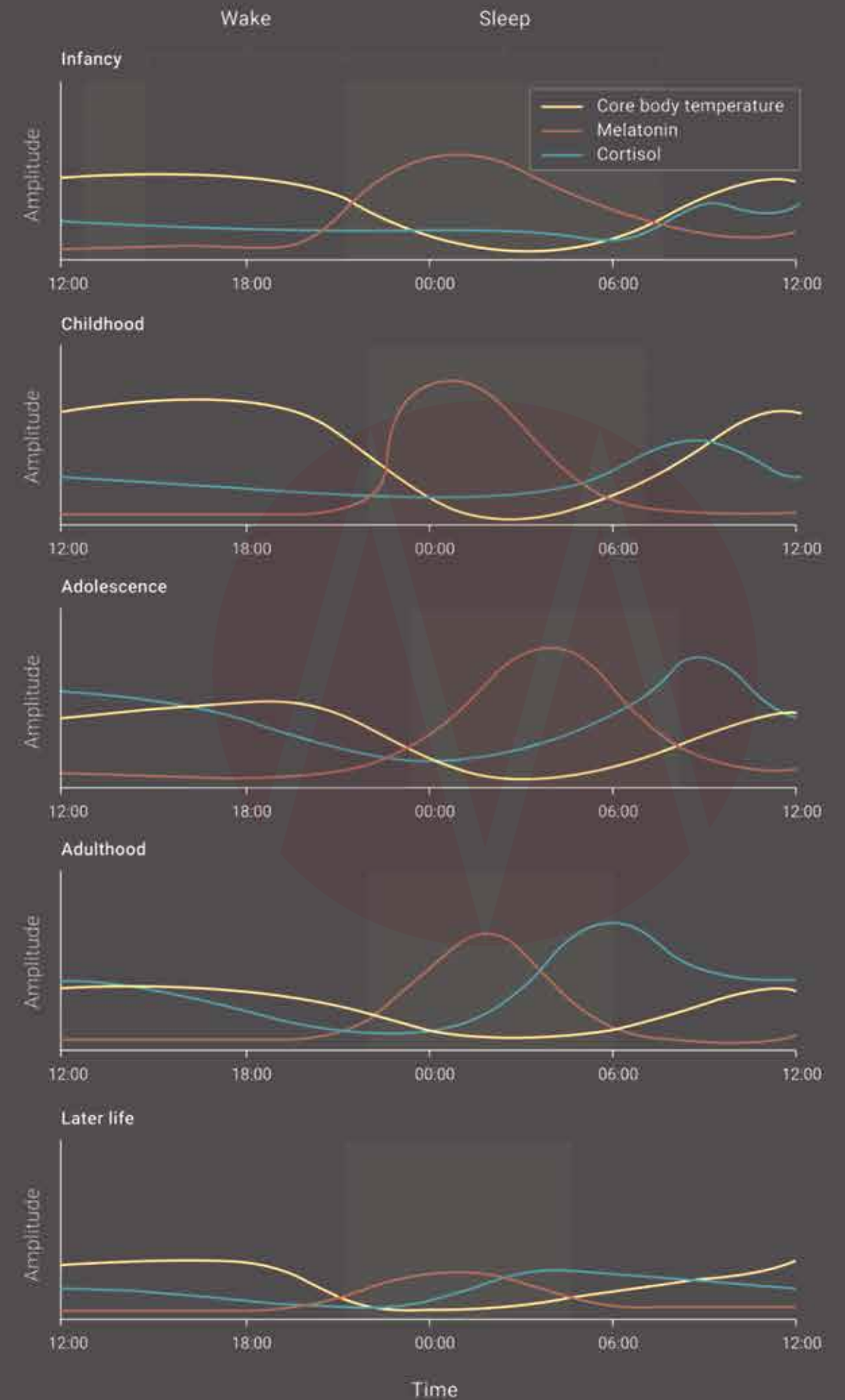
Classrooms

Researchers have found that higher CCT lighting between the 4000K and 6000K helps with alertness and have dubbed this lighting “focus lighting”. The “focus lighting” used in a case study with third graders increased their oral reading fluency performance by almost 40 percent compared to normal controlled lighting.

In the same way that brighter lighting creates alertness, warmer lighting ensures tranquility, which is also a way to increase productivity in a classroom. Longer hours create restlessness in children. Tuning lights to 3000K helps with an easier transition from lunchtime and recess activities to independent work.

Offices

Employees in a professional environment can also benefit from tunable white lighting. In an office setting, brighter lights seem to work better during the early hours and increase work-flow, whereas softer lights seem to work better with concentration in the evenings when everyone is jittery waiting for the clocks to strike that last working minute. This natural transition between brighter lights in the early hours and warmer lights in the evenings reflect our natural states and thus manipulate our moods. You can also use the lighting to create a specific mood/emotion for your customers who walk into your store.



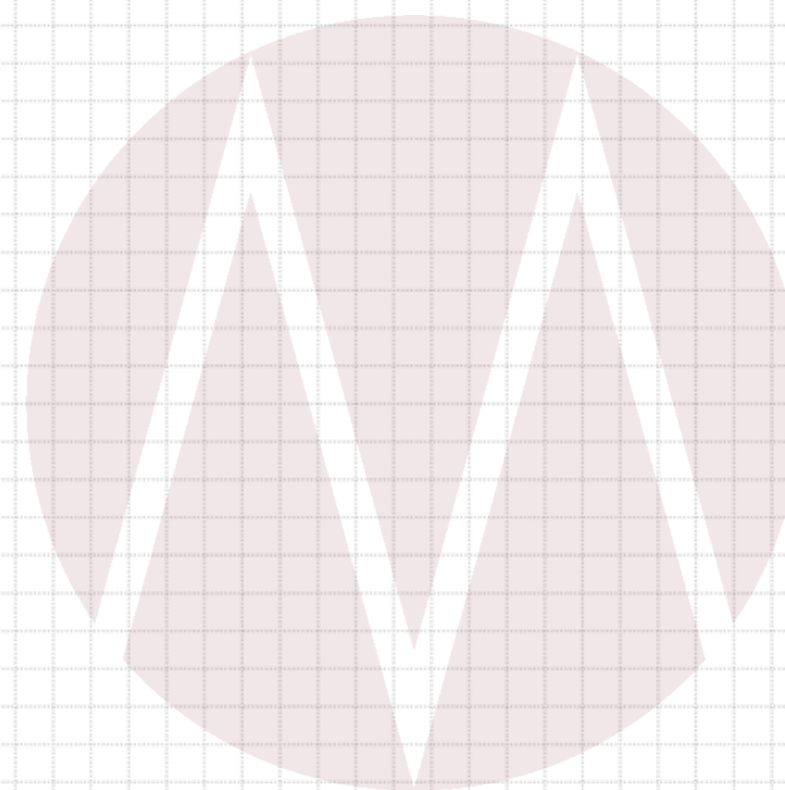
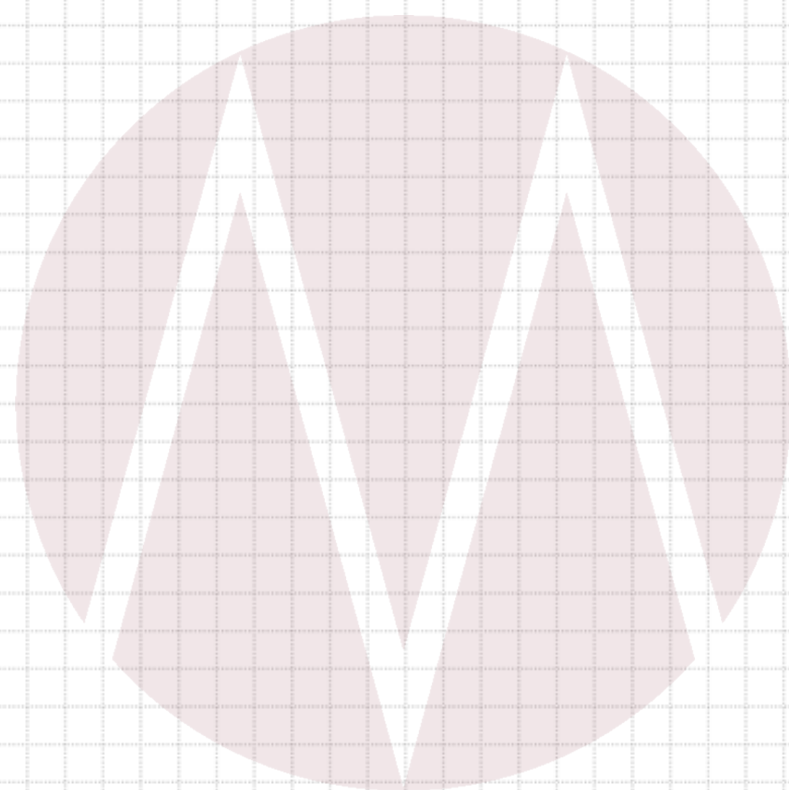


MOFID AGENCY COFFEE SHOP

Location: Jordan, Tehran, Iran

Architect: Concept group

Date: 2020_2021





Modular pro

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