

## Custom Solutions

In addition to a wide range of standard products, we also offer customized solutions for our customers. Our longstanding expertise and experience in optical design and lighting product construction enables us to work together with our customers to find the optimal solution.

When is a customized solution needed?

- ◆ No mechanical or optical suitable product on the market.
- ◆ Looking for unique design solutions and differentiation.
- ◆ To meet the specific requirements of certain applications.
- ◆ A specific material or color is required.

Why Alpha?

- ◆ In-house 2D and 3D designers for optical design, structural design, mold design, etc.
- ◆ In-house production facilities for different key components.
- ◆ Total engineering support from consulting - design - production - testing to support product development.
- ◆ Widely recognized in the industry as a manufacturer of high quality products.



WhatsApp



Wechat

## Contact Us

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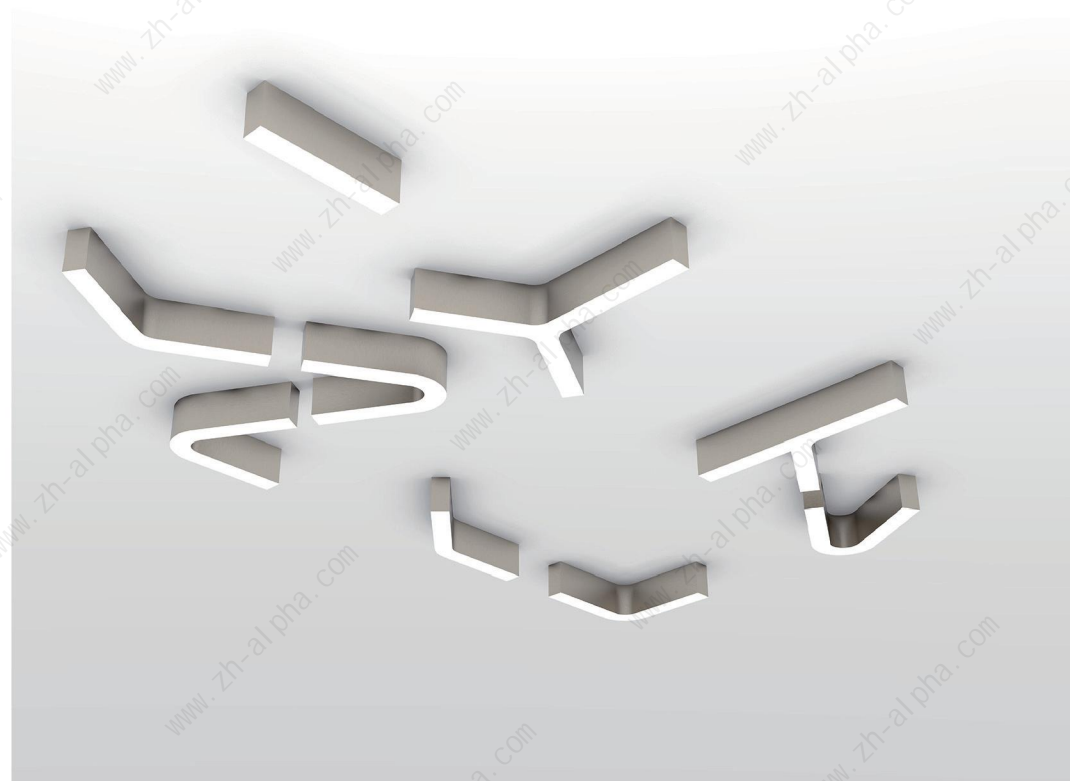
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## 2023 CATALOGUE



**Alpha (Zhuhai) Optical Co., Ltd.**  
Manufacturer and Solution Provider of  
Optical Lens Diffuser, Led Aluminum Profile

[www.zh-alpha.com](http://www.zh-alpha.com)



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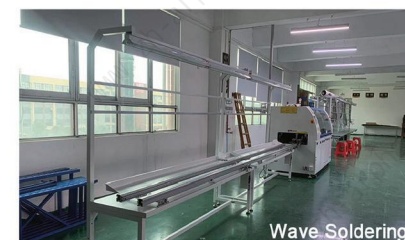
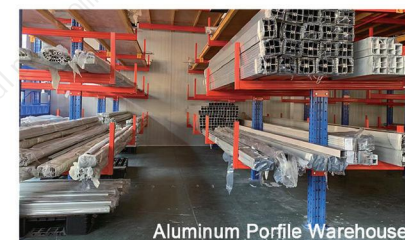
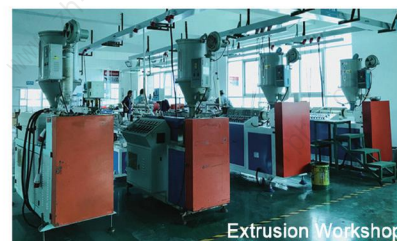
## WHO WE ARE

Alpha (Zhuhai) Optical Co., Ltd. is a quality-focused premium linear lighting solution provider and manufacturer. With 20+ years of manufacturing in plastic extrusion and 10+ years experience in lighting industry, we support the lighting manufacturers to get the optimal lighting solutions for their luminaires. Our expertise lies in our constant innovation, meticulous service, and prompt product delivery. At ALPHA, we take pride in supplying our clients with world-class and high-quality standard and custom-made linear light components.

Our clients are from 40+ countries and areas, such as the USA, Canada, Australia, Germany, Italy, Spain, Poland, India, United Arab Emirates, Mexico, Brazil etc. Great credibility and reputation has been enjoyed.

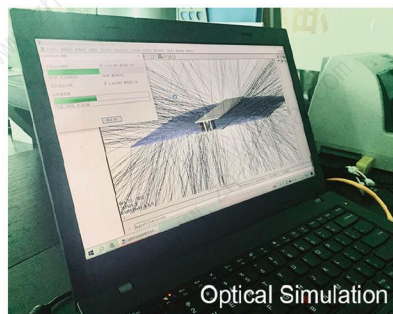
## Factory Overview

Our factory have 6 PMMA extrusion production line, 16 injection molding machine, 3 CNC machine, in addition to precision engraving machine, cutting machine, bending machine, polishing machine and assembly production lines, which enables us to produce most of the key component in our own factory, with a one-stop product manufacturing capacity from raw material processing to finished product assembly and testing, to ensure that our products can meet the various flexible needs of customers.

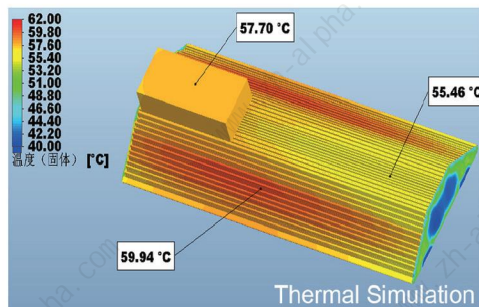


## Our Service

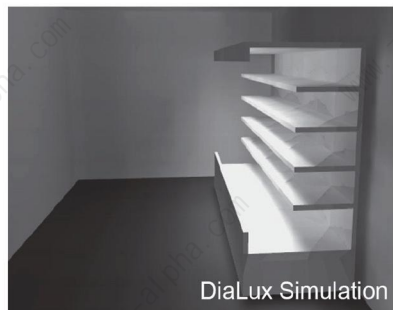
Our business scope is not end with supply. We can save you time and money. Well-trained technical team provides customers with product design, prototype, testing, manufacture, secondary processing, assembly, printing, packaging, and shipping - all in one place. Our growing global customer base reflects our commitment to providing cutting-edge products and it is our ongoing commitment to providing professional quality service.



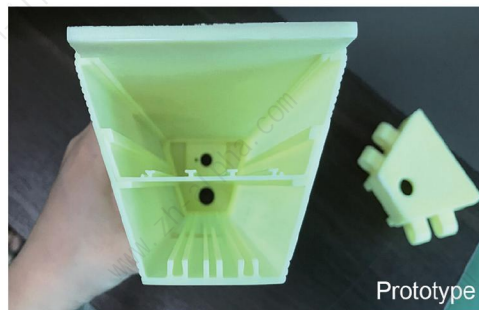
Optical Simulation



Thermal Simulation



Dialux Simulation



Prototype



Product Assembly



IES Testing

## LENS DIFFUSERS

Alpha factory started from the plastic extrusion: lenses and diffusers. why? because this is one of the most important parts of a luminaire, it obviously determines the quality of the luminaire. More than 100+ standard products available for different applications, discover some of them in the following pages!

Also, welcome to customize, we have always combined our plastic extrusion and lighting knowledge to create linear lighting solutions that support the lighting designers and manufacturers achieve their required lighting effect.





## Mold Advantages

100% In-house R&D of mold to Lowest Cost. With our own mold room, we can provide free tooling design and lifetime tooling maintenance, which also shortens the lead time and guarantees the quality of extruded parts. Meanwhile, our extrusion experts have the experience to successfully solve the most complex extrusion designs to achieve customer satisfaction.



## Material Advantages

Alpha has been using 100% high-quality granulates material from the world's leading premium manufacturers for the lens diffusers production, all REACH, RoHS, and UL certified, which guarantees consistency in material properties and ensure the best quality for your products. And we are highly experienced with an extensive variety of raw materials. Once you help us to understand your application, we will support you with a material recommendation.

Some of the cooperative brands are as below:

ARKEMA



MITSUBISHI  
CHEMICAL  
GROUP

RÖHM  
TRADITIONALLY  
INNOVATIVE



TEIJIN

سابك  
selbic

AVIENT

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## Guidelines - Plastic Extrusion Process



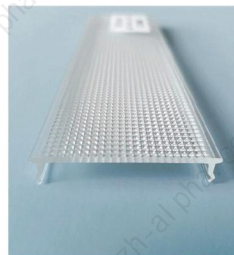
### Water cooling

Using the water circulation to cool the extruded profiles, and the speed of cooling determines the production speed of the product. This kind of cooling process is suitable for produce some simple PC diffuser, Tri-proof light lampshade, because the capacity is very high, can reach a ton a day. The biggest disadvantage is that due to the fast extrusion speed, there will be pulling lines on the product surface and the product dimensions are not stable.



### Air cooling

Using the wind to cool the extruded profiles, this cooling process originated in European countries, especially Germany. The air cooling process has high requirements for production equipment and operators, which combines the advantages of both water cooling and oil cooling processes, not only can produce complex structures profiles, but also to produce nice PMMA products, and the product dimensions during production is very stable. The only disadvantage is the capacity is not high.



### Embossing

Hot embossing process is using for irregular profile, which is different from the cold embossing used by diffuser sheet. Extruded profile pass through the roller after it comes out from the mold, the pattern on the roller is pressed on the product surface before profile is completely cooled, and then the surface embossing is formed by natural cooling. It is not difficult to make an embossed profile, what is difficult is to make a pattern that can achieve the purpose of controlling the optics, which is the case with our micropismatic lens.



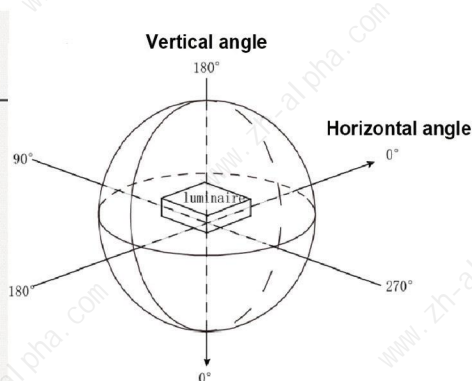
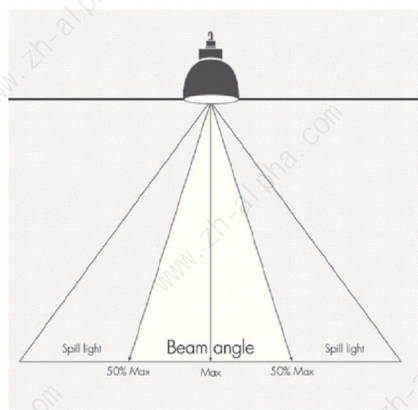
### Co-Extrusion

The plastic co-extrusion process involves extruding two or more materials through a single mold so that materials merge or weld together into a single structure before cooling. It is suitable for Tri-proof light lampshade, T5, T8 or Lens and diffuser need reflector.

## Guidelines - Beam Angle

The beam angle we refer to is the useful spread of light from the luminaire. It's measured from the point of maximum intensity directly under the light to where the light drops to 50% of that intensity. Anything beyond that is called spill light and the whole light distribution is called the field angle.

Example: for our 90°TIR lens AEF-ZD-013, it is 90°in 50% intensity and in horizontal angle of the luminaire.



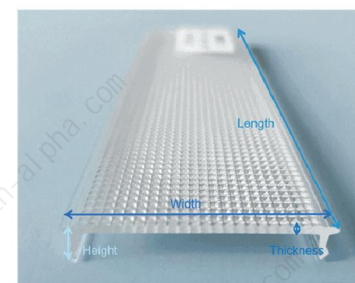
NEMA indicates how wide or narrow the light is projected out of the light. Horizontal and vertical beam spread angles are used to distinguish NEMA types.

Example: If the horizontal beam spread is 120° and the vertical beam spread is 140°, then the NEMA type is 6 x 7.

BEAM SPREAD	NEMA Type	Beam Description	Beam Projection Distance
10° to 18°	1	Very Narrow	240 feet +
18° to 29°	2	Narrow	200 to 240 feet
29° to 46°	3	Medium Narrow	175 to 200 feet
46° to 70°	4	Medium	145 to 175 feet
70° to 100°	5	Medium Wide	105 to 145 feet
100° to 130°	6	Wide	80 to 105 feet
130° +	7	Extra Wide	< 80 feet

## Guidelines - Tolerance

During the manufacture of extruded profiles, dimensions, properties or conditions may vary within certain practical limits without significantly affecting the functionality of the equipment or process. Tolerances are specified to allow a reasonable range for imperfections and inherent variability without affecting performance. The following limit values apply according to DIN 16941-2A and 2B, unless otherwise stated in the drawing and negotiate with us.



DIN 16941-2A and 2B Standard of the Thickness Dimension		DIN 16941-2A and 2B Standard of the Height Dimension	
Nominal Range	Tolerance Range	Nominal Range	Tolerance Range
< 1.2 mm	± 0.2 mm	1 - 6 mm	± 0.3 mm
> 1.2 - 2.5 mm	± 0.3 mm	> 6 - 10 mm	± 0.4 mm
> 2.5 - 4.0 mm	± 0.4 mm	> 10 - 18 mm	± 0.6 mm
> 4.0 - 6.5 mm	± 0.5 mm	> 18 - 30 mm	± 0.8 mm
> 6.5 - 10 mm	± 0.6 mm	> 30 - 50 mm	± 1.0 mm
> 10 mm	± 8 %	> 50 - 80 mm	± 1.4 mm
		> 80 - 120 mm	± 1.8 mm
		> 120 - 180 mm	± 2.5 mm

Alpha Standard Tolerance of the Length Dimension		Special Length Tolerances Negotiated with Alpha (which are only possible through manual rework)	
Nominal Range	Tolerance Range	Nominal Range	Tolerance Range
10 - 100 mm	± 0.5 mm	20 - 500 mm	± 0.5 mm
> 100 - 200 mm	± 0.8 mm	> 500 - 1'000 mm	± 1.0 mm
> 200 - 500 mm	± 1.0 mm	> 1'000 - 1'500 mm	± 2.0 mm
> 500 - 1'000 mm	± 2.5 mm		
> 1'000 - 2'500 mm	± 5.0 mm		
> 2'500 - 5'000 mm	± 8.0 mm		
> 5'000 mm	± 0.3 %		



DIN 16941-2A and 2B Standard of the Width Dimension		Special Tolerances Negotiated with Alpha	
Nominal Range	Tolerance Range	Nominal Range	Tolerance Range
0 - 3 mm	± 0.3 mm	0 - 3 mm	± 0.1 mm
> 3 - 6 mm	± 0.4 mm	> 3 - 6 mm	± 0.15 mm
> 6 - 10 mm	± 0.5 mm	> 6 - 10 mm	± 0.15 mm
> 10 - 18 mm	± 0.6 mm	> 10 - 18 mm	± 0.20 mm
> 18 - 30 mm	± 0.7 mm	> 18 - 30 mm	± 0.20 mm
> 30 - 50 mm	± 0.8 mm	> 30 - 50 mm	± 0.30 mm
> 50 - 80 mm	± 1.0 mm	> 50 - 80 mm	± 0.40 mm
> 80 - 120 mm	± 1.2 mm	> 80 - 120 mm	± 0.60 mm
> 120 - 180 mm	± 1.4 mm	> 120 - 180 mm	± 0.70 mm
> 180 - 250 mm	± 1.7 mm	> 180 - 250 mm	± 0.80 mm
> 250 - 320 mm	± 2.0 mm	> 250 - 320 mm	± 1.0 mm
> 320 mm	± 0.8 %	> 320 mm	± 0.4 %

Noted:

1. Please know that tolerances are related to the material used, the shape of the profile and the application and can deviate from the listed values.
2. Special tolerances are only available for some dimensions of profile cross-sections.
3. Tolerances are guide values, which is part of our general delivery and payment terms.

Extension and Deformation of PMMA & PC due to Temperature

Change in temperature	Length(mm)	Coefficient	Deformation(mm)	Length Range(mm)
10	1000	0.00007	0.7	999.3-1000.7
20	1000	0.00007	1.4	998.6-1001.4
30	1000	0.00007	2.1	997.9-1002.1
40	1000	0.00007	2.8	997.2-1002.8

Extension and Deformation of PMMA & PC due to Humidity

Change in humidity	Length(mm)	Water Absorption	Deformation(mm)	Length Range(mm)
40%	1000	0.50%	0.5	1000-1000.5
60%	1000	0.80%	1	1000-1001
70%	1000	1.00%	1.4	1000-1001.4
80%	1000	1.30%	2	1000-1002
90%	1000	1.50%	2.7	1000-1002.7

## LED Control---PMMA Matt Diffuser

Alpha's PMMA Matt Diffuser is one of superior materials able to hide LEDs and diffuse light in a homogeneous way, it can transform the point light source to the area light source. The light transparency and diffusion could be produced according to applications. Black color could be offered as required.

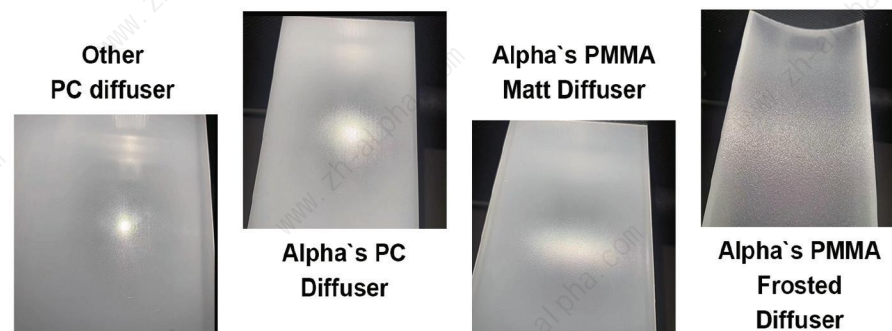


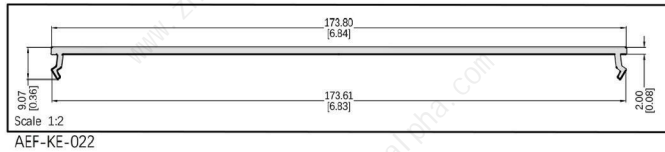
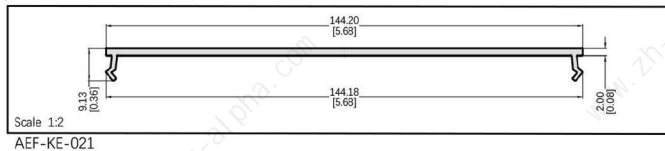
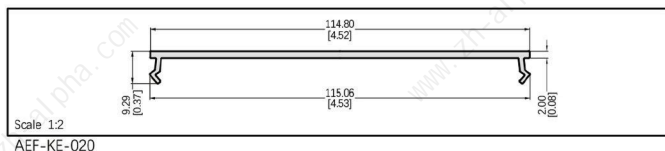
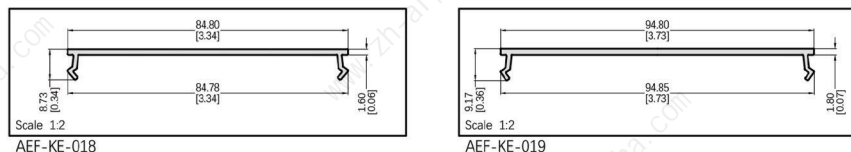
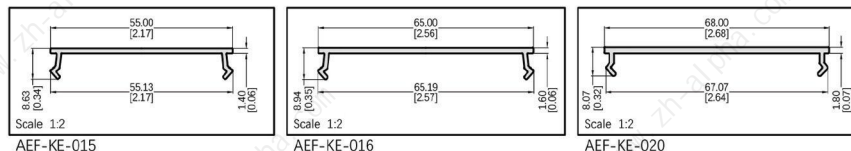
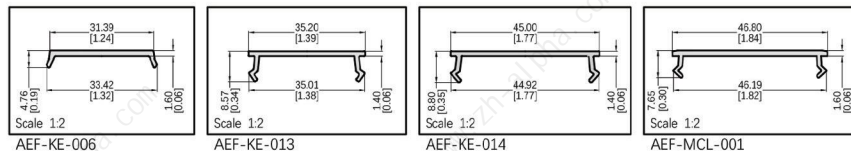
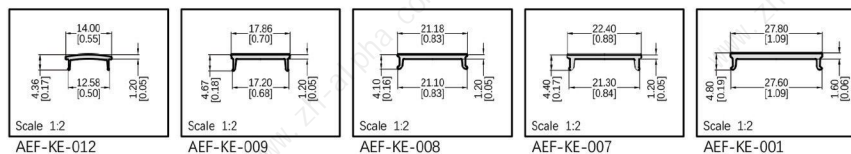
**High Efficacy:** It is made of optical grade PMMA(Acrylic), the diffuse light reflection rate can reach more than 90%, significantly improving the light efficiency and reducing the lumen loss of the luminaire while keeping the LEDs hidden. The color tolerance is smaller than PC diffuser.

**UV-Resistance:** It is ideal for indoor direct lighting offering excellent diffusion and good transmission, also, with UV resistant property it could be used in application where exposure to UV-radiation is high, and no visible yellowing over time.

**Flexible and Infinite:** It is ideal for continuous and uninterrupted lighting such as corridors, halls, offices and supermarkets. It could be rolled up for easy transport and assembly. Rolls can be max 50 meters long.

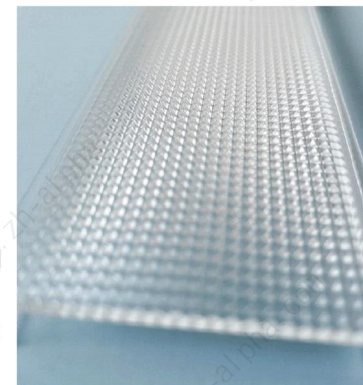
Usually the LED light needs to be reflected several times on the diffuser surface to produce a consistent beam angle. Below you can see the diffuse reflection difference between the different surface finish, and it is easy to see the frosted diffuser can get the softer and more uniform light, and effectively solve the LED glare phenomenon.





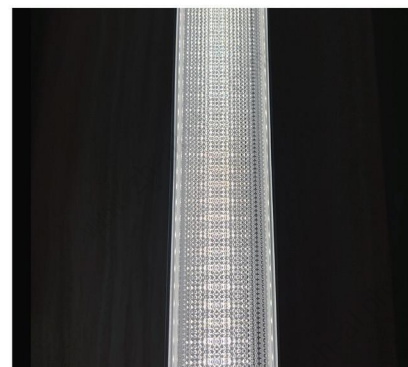
## Glare Control---Microprismatic Lens

Combining extrusion and embossing processes, Alpha design an anti-glare Microprismatic lens, with a particular pyramid structure imprinted on the external surface. It is made of optical grade PMMA (Acrylic), glare is reduced by its precise control of the horizontal and vertical direction. The Microprismatic Lens family is recommended to use adding a PMMA diffuser sheet on the surface facing the LEDs for uniform light hiding the hot spots and can effectively reduce glare. Standard color is transparent (Clear), milky and black could be offered as required.

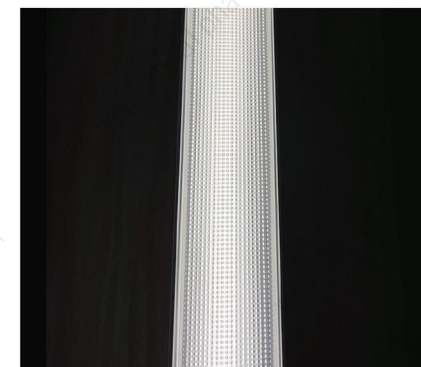


**UV-Resistance:** With UV resistant property it could be used in application where exposure to UV-radiation is high, and no visible yellowing over time.

**Flexible and Infinite:** It is ideal for continuous and uninterrupted lighting such as corridors, halls, offices and supermarkets. It could be rolled up for easy transport and assembly. Rolls can be max 50 meters long.

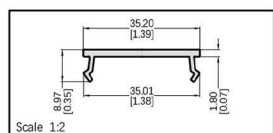


Microprismatic Lens

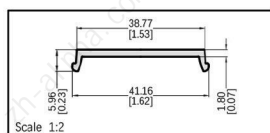


Microprismatic Lens  
+ PMMA Diffuser Sheet

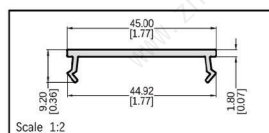




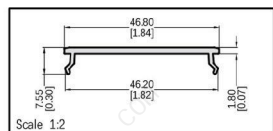
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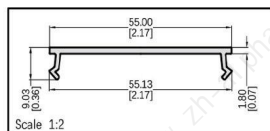
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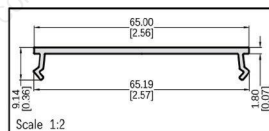
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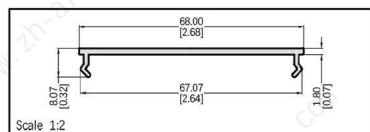
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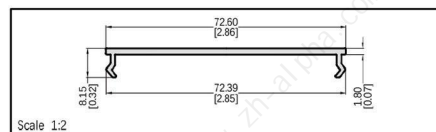
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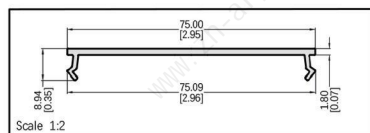
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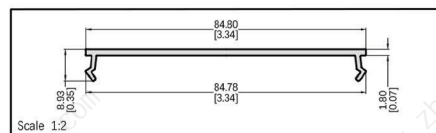
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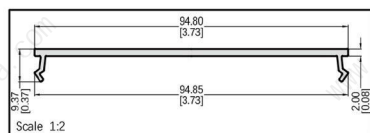
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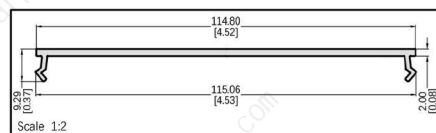
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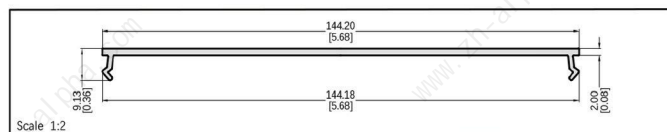
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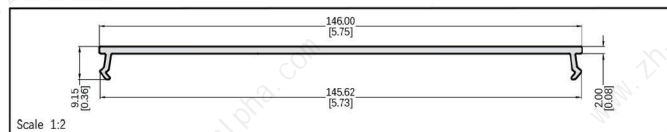
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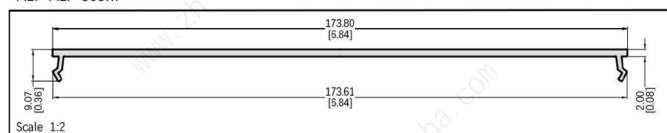
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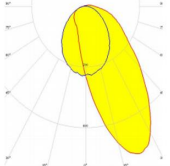
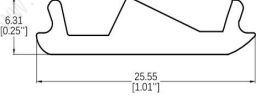
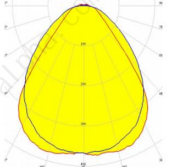
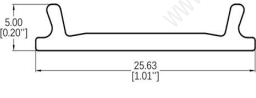
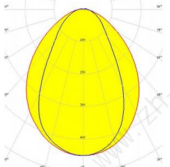
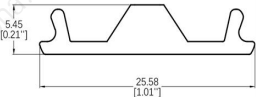
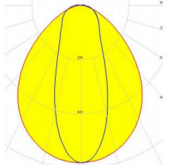
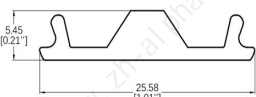
## Glare Control---TIR Lens

W19 and W25 series are linear extrusion lens family with precise light control, directing light exactly where it is needed. These linear optics are made of optical grade PMMA (Acrylic) and ensure an efficiency of up to 90%. They are easy to install by either pressing or sliding the lens into the luminaire housing and are offered in popular light distributions. These optics work perfectly within  $-40^{\circ}$  to  $+90^{\circ}$  temperature range.

## W25 Series

The particular structure with linear prisms allows to control the light both in horizontal and vertical direction. They are optimized for LED 2835 and 3030, compatible with 20MM and 24MM single-row medium power ZHAGA LED modules. Standard length is 1140mm, other lengths can be customized.

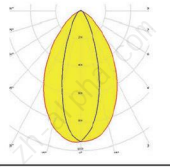
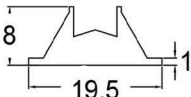
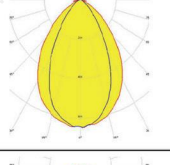
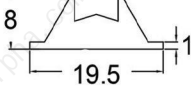
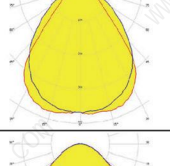
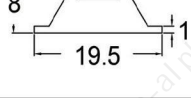
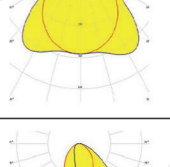

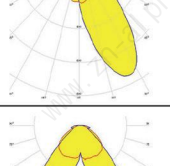
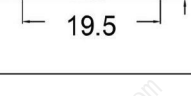

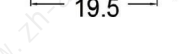
Light Distribution	Dimensions(mm)	Descriptions
		Model: AEF-AEF-018 Size: W25*H5mm Beam Angle: Double Asymmetric Beam for Aisle and Shelf Lighting
		Model: AEF-AEF-021 Size: W25*H11mm Beam Angle: $\sim 165^{\circ} + 130^{\circ}$ Extra Wide Beam for Uplighting
		Model: AEF-AEF-022 Size: W25*H7.7mm Beam Angle: $\sim 145^{\circ} + 100^{\circ}$ Extra Wide Beam for Uplighting
		Model: AEF-AEF-023 Size: W25*H5.5mm Beam Angle: $\sim 110^{\circ} + 100^{\circ}$ Wide Beam

Light Distribution	Dimensions(mm)	Descriptions
		Model: AEF-AEF-024 Size: W25*H6mm Beam Angle: Asymmetric Beam for Wall Washing
		Model: AEF-AEF-025 Size: W25*H5mm Beam Angle: ~90° + 100° Medium Wide Beam
		Model: AEF-AEF-026 Size: W25*H5.5mm Beam Angle: ~70° + 100° Medium Wide Beam
		Model: AEF-AEF-027 Size: W25*H5.5mm Beam Angle: ~40° + 100° Medium Narrow Beam

NOTE: Production tolerance of beam angle:  $\pm 5^\circ$ . The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

## W19 Series

They are optimized for LED 2835 and 3030, compatible with single-row medium power LED modules and LED strip lights. Standard length is 1020mm, other lengths can be customized.

Light Distribution	Dimensions(mm)	Descriptions
		Model: AEF-ZD-012 Dimension: W19.5*H8mm Beam Angle: 40° Medium Narrow Beam
		Model: AEF-ZD-010 Dimension: W19.5*H8mm Beam Angle: 60° Medium Beam
		Model: AEF-ZD-013 Dimension: W19.5*H8mm Beam Angle: 90° Medium Wide Beam
		Model: AEF-ZD-014 Dimension: W19.5*H5.5mm Beam Angle: 150° Extra Wide Beam for Uplighting
		Model: AEF-AEF-011 Dimension: W19.5*H7.8mm Beam Angle: Asymmetric 35° Beam for Wall Washing
		Model: AEF-ZD-028 Dimension: W19.5*H8mm Beam Angle: Double Asymmetric Beam for Aisle and Shelf Lighting

NOTE: Production tolerance of beam angle:  $\pm 5^\circ$ . The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

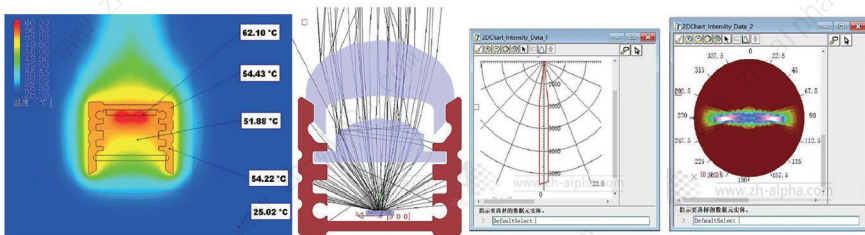


## ALUMINUM PROFILES

Everyone can say that their product is the best. We do not want to only say so but to prove you, step by step, why our products are “the best of the best”.

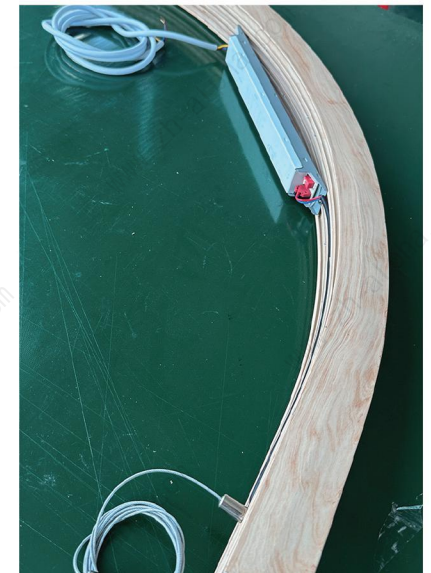
Our company has a team of experienced engineers who encompass all aspects of a product such as thermal engineer, optical engineer, structural engineer, tooling engineer, electrical engineer, etc. They are responsible for our new product design development, production, tooling design and preparation, various drawings and documentation required for the project. What's more, our team built the capabilities to develop machines according to production needs.

Before our designs go ahead to production, they must pass important tests that validate the design concept in many ways. Manufacturing analysis will be performed, such as thermal management and heat dissipation to ensure the product's ability to dissipate heat in time under certain loads and certain environmental conditions, as well as the light distribution. These analyses help our customers save time and money, and ensure the physical item meets all requirements.



## Finish

In addition to the regular powder coating and anodic oxidation for aluminum profile finish, electroplating, wooden coating and other finish treatments also available for customization.

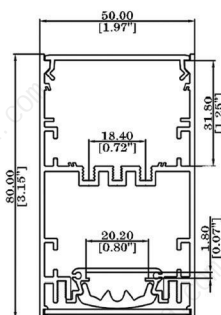


## Photometric

### CIB



### Dimensions

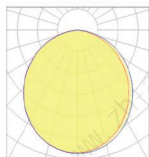


### Specification

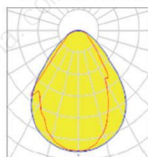
Dimensions	W50xH80mm
Length	Standard: 3 Meters, other length could be offered as required
Material	6063 T5 Aluminum + PMMA
Endcap	Invisible Screw Aluminum Endcap
Light Source	up to 24 mm wide Zhaga PCBs SMD2835/3030/3535 2700-6500K
Suggested Power	Single row mid power
Aluminum Surface	Anodized Aluminum/ Black / White / Customized
Application	Office Lighting/Retail, Corridor and Shelf Lighting / Residential Lighting

### Optics

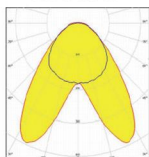
110° Wide beam for Direct



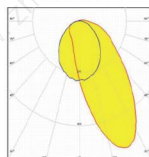
90° Medium Wide beam for Direct



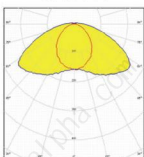
Double Asymmetric for Direct



Asymmetric for Direct



145° Extra wide beam for Indirect



### Mounting



Suspended Direct



Suspended Direct/Indirect



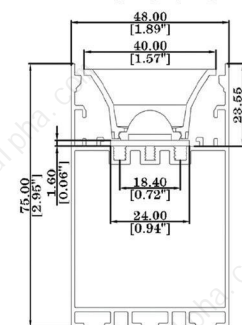
www.zh-alpha.com

## Photometric

### VLG



### Dimensions

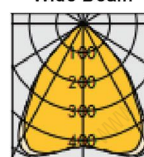


### Specification

Dimensions	W48xH75mm
Length	Standard: 3 Meters, other length could be offered as required
Material	6063 T5 Aluminum + PMMA + PC Grids
Endcap	Invisible Screw Aluminum Endcap
Glare Value	UGR<16
LED Modules	Vossloh-Schwabe W2.5 Light & Dark Optics and Grids
Aluminum Surface	Anodized Aluminum/ Black / White / Customized
Application	Office Lighting/Retail, Corridor and Shelf Lighting / Residential Lighting

### Optics

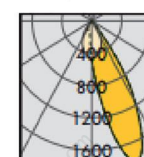
90° Medium Wide Beam



65° Medium Beam



Asymmetric



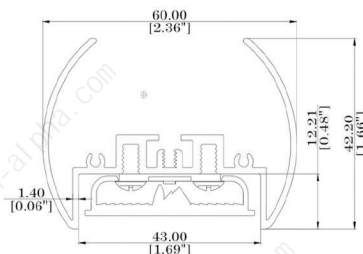
www.zh-alpha.com



## Photometric

### BCM

### Dimensions

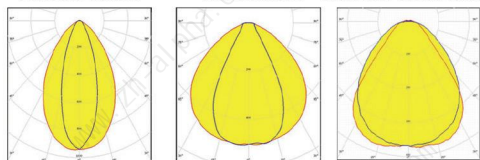


### Specification

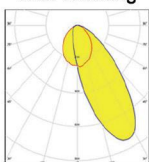
Dimensions	W60xH42.2mm
Material	6063 T5 Aluminum + PMMA + Invisible Screw Aluminum Endcap
Light Source	up to 24 mm wide Zhaga PCBs SMD2835/3030/3535 2700-6500K
Suggested Power	Single row mid power
Aluminum Surface	Anodized Aluminum/ Black / White / Customized
Application	Retail, corridor and shelf lighting
Feature	High light transmittance; Smooth beams blend
Installation Options	Suspension

### Optics

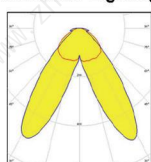
~40°+86° Medium Narrow Beam  
~60°+110° Wide Beam  
~90°+110° Medium Wide Beam



Asymmetric Beam for Wall Washing



Double Asymmetric Beam for Aisle and Shelf Lighting



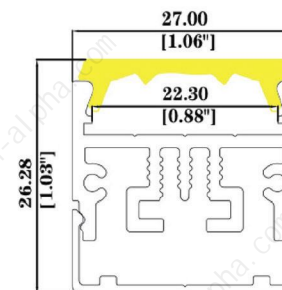
Double Asymmetric Application

www.zh-alpha.com

## Photometric

### HB

### Dimensions

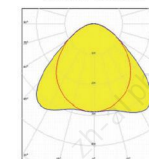
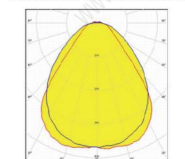
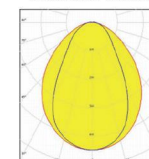
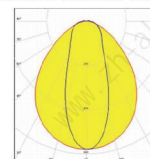


### Specification

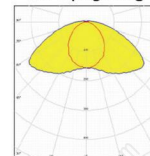
Dimensions	W27xH26.3mm
Material	6063 T5 Aluminum + PMMA + Plastic Endcap
Light Source	up to 24 mm wide Zhaga PCBs SMD2835/3030/3535 2700-6500K
Suggested Power	Single row mid power
Aluminum Surface	Anodized Aluminum/ Black / White / Customized
Application	Retail, corridor and shelf lighting
Feature	control the light both in transversal and longitudinal direction
Installation Options	Suspension; Surface

### Optics

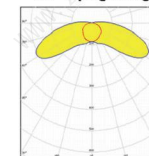
~40° + 100° Medium Narrow Beam  
~70° + 100° Medium Beam  
~90° + 100° Medium Wide Beam  
~110° + 100° Wide Beam



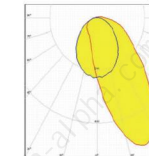
~145° + 100° Extra Wide Beam for Uplighting



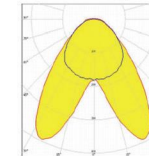
~165° + 130° Extra Wide Beam for Uplighting



Asymmetric Beam for Wall Washing



Double Asymmetric Beam for Aisle and Shelf Lighting



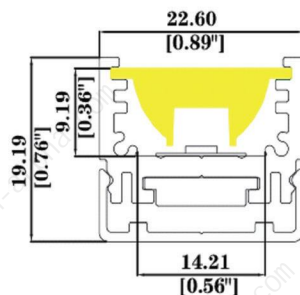
www.zh-alpha.com

## Photometric

### BOC



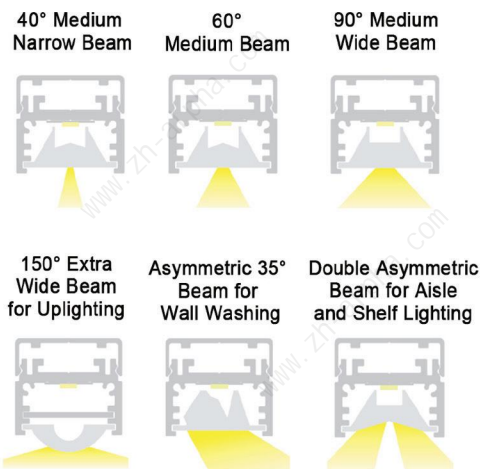
### Dimensions



### Specification

Dimensions	W22.6xH19.2mm
Material	6063 T5 Aluminum + PMMA + Plastic Endcap
Light Source	SMD2835/3030/3535 2700-6500K
Suggested Power	Single row mid power
Aluminum Surface	Anodized Aluminum/ Black / White / Customized
Application	Retail, corridor and shelf lighting
Feature	High light transmittance; Smooth beams blend
Installation Options	Magnet Strip / Surface Mounting Brackets

### Optics



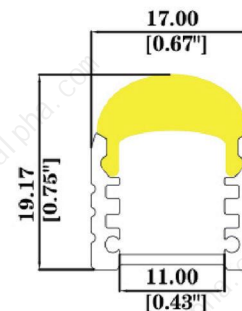
Asymmetric 35° Beam Application

## Photometric

### CMB



### Dimensions



### Specification

Dimensions	W17xH19.2mm
Material	6063 T5 Aluminum + PMMA + Plastic Endcap
Light Source	SMD2835/3030/3535 2700-6500K
Suggested Power	Single row mid power
Aluminum Surface	Anodized Aluminum/ Black / White / Customized
Application	Retail, corridor and shelf lighting
Feature	Smooth and Flexible beams blend
Installation Options	Magnet Strip / Surface Mounting Brackets

### Optics

By changing the position of the LED carrier and Lens, a variety of beam angles of 10° / 20° / 30° / 60° / 90° can be achieved.



10° Very Narrow Beam Application

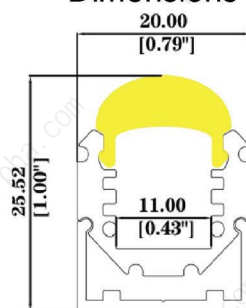


## Photometric

### CMB Plus



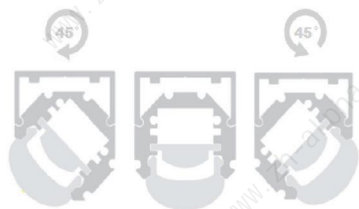
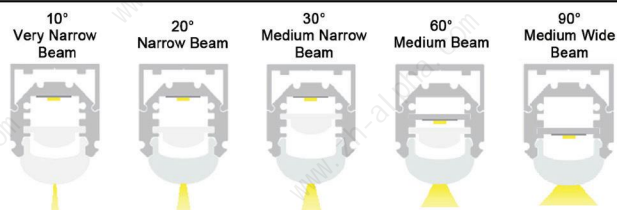
### Dimensions



### Specification

Dimensions	W20xH25.5mm
Material	6063 T5 Aluminum + PMMA + Plastic Endcap
Light Source	SMD2835/3030/3535 2700-6500K
Suggested Power	Single row mid power
Aluminum Surface	Anodized Aluminum/ Black / White / Customized
Application	Retail, corridor and shelf lighting
Feature	High light transmittance; Smooth and Flexible beams blend
Installation Options	Suspension; Surface

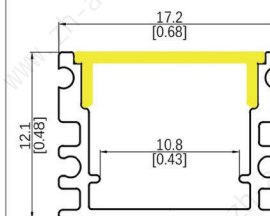
### Optics



Asymmetric 20° Beam Application

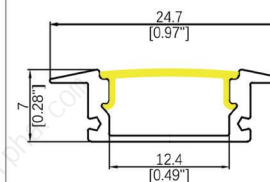
## Linear: For Ambient Lighting

### AEF-KE505



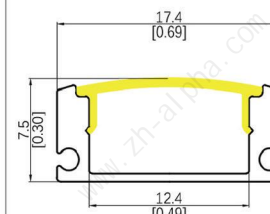
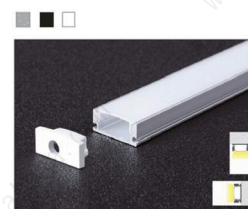
Size: LxW17.2xH12.1mm  
Material: 6063-T5  
Endcaps: Plastic White  
Accessories: Metal Clips  
Diffuser: Opal PC Diffuser

### AEF-KE508



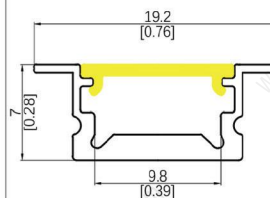
Size: LxW17.2xH12.1mm  
Material: 6063-T5  
Endcaps: Plastic White  
Accessories: Metal Clips  
Diffuser: Opal PC Diffuser

### AEF-KE509



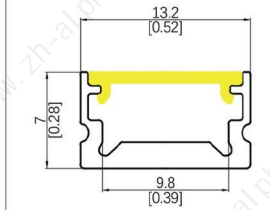
Size: LxW17.4xH7mm  
Material: 6063-T5  
Endcaps: Plastic White  
Accessories: Metal Clips  
Diffuser: Opal PMMA Matt Diffuser

### AEF-KE510A



Size: LxW19.2xH7mm  
Material: 6063-T5  
Diffuser: Opal PC Diffuser

### AEF-KE510

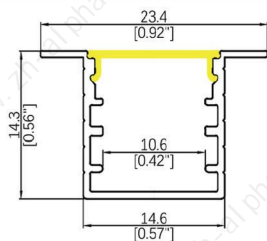
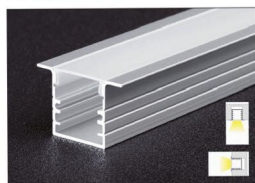


Size: LxW12.4\*H7mm  
Material: 6063-T5  
Endcaps: Plastic White  
Accessories: Metal Clips  
Diffuser: Opal PC Diffuser

## Linear: For Ambient Lighting

### AEF-KE524A

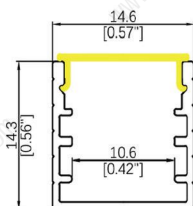
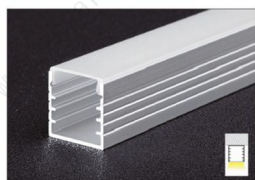
■ ■ □



Size: LxW23.4xH14.5mm  
Material: 6063-T5  
Endcaps: Plastic White  
Accessories: Metal Clips  
Diffuser: Opal PMMA Matt Diffuser

### AEF-KE524

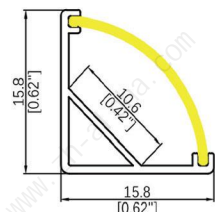
■ ■ □



Size: LxW14.6xH14.5mm  
Material: 6063-T5  
Endcaps: Plastic White  
Accessories: Metal Clips  
Diffuser: Opal PMMA Matt Diffuser

### AEF-KE601

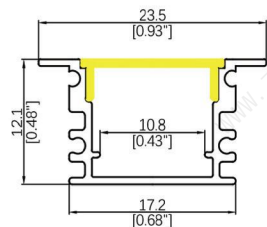
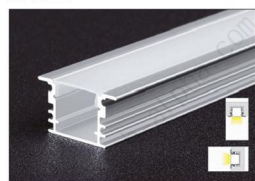
■ ■ □



Size: LxW15.8xH15.8mm  
Material: 6063-T5  
Endcaps: Plastic White  
Accessories: Metal Clips  
Diffuser: Opal PC Diffuser

### AEF-KE605

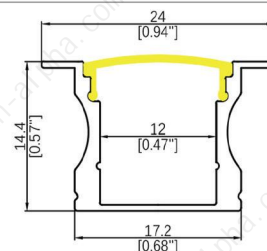
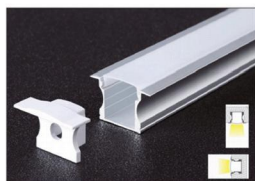
■ ■ □



Size: LxW23.5xH12.1mm  
Material: 6063-T5  
Endcaps: Plastic White  
Accessories: Metal Clips  
Diffuser: Opal PC Diffuser

### AEF-KE613B

■ ■ □

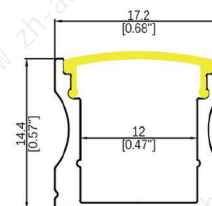
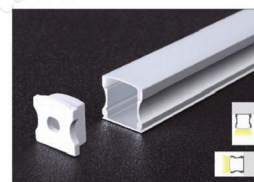


Size: LxW24xH14.2mm  
Material: 6063-T5  
Endcaps: Plastic White  
Accessories: Metal Clips  
Diffuser: Opal PC Diffuser

## Linear: For Ambient Lighting

### AEF-KE613

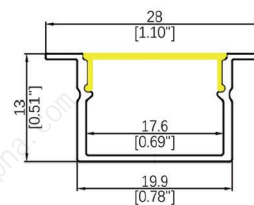
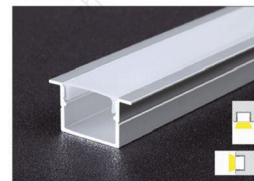
■ ■ □



Size: LxW17.2xH14.4mm  
Material: 6063-T5  
Endcaps: Plastic White  
Accessories: Metal Clips  
Diffuser: Opal PC Diffuser

### AEF-KE616A

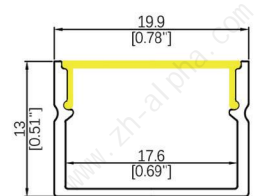
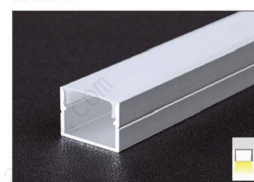
■ ■ □



Size: LxW28xH13mm  
Material: 6063-T5  
Endcaps: Plastic White  
Accessories: Metal Clips  
Diffuser: Opal PC Diffuser

### AEF-KE616

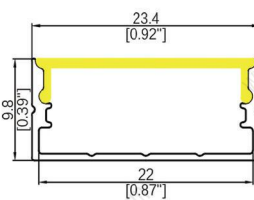
■ ■ □



Size: LxW20xH13mm  
Material: 6063-T5  
Endcaps: Plastic White  
Accessories: Metal Clips  
Diffuser: Opal PC Diffuser

### AEF-KE617

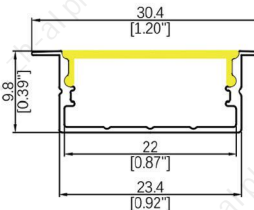
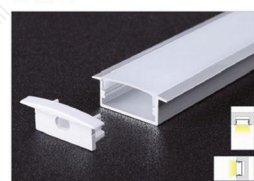
■ ■ □



Size: LxW23.5xH9.8mm  
Material: 6063-T5  
Endcaps: Plastic White  
Accessories: Metal Clips  
Diffuser: PMMA Matt Diffuser

### AEF-KE619

■ ■ □



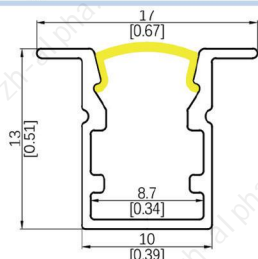
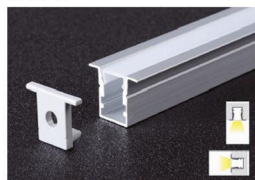
Size: LxW30.3xH9.8mm  
Material: 6063-T5  
Endcaps: Plastic White  
Accessories: Metal Clips  
Diffuser: PMMA Matt Diffuser



## Linear: For Ambient Lighting

### AEF-KE624A

■ ■ □



Size: LxW17xH13mm

Material: 6063-T5

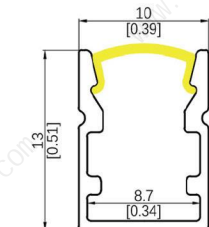
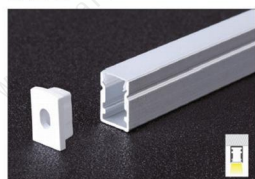
Endcaps: Plastic White

Accessories: Metal Clips

Diffuser: Opal PC Diffuser

### AEF-KE624

■ ■ □



Size: LxW10xH13mm

Material: 6063-T5

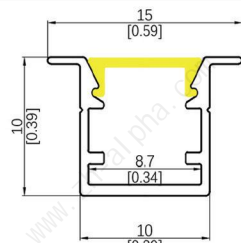
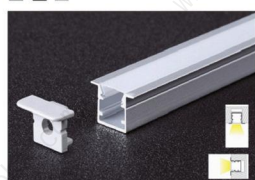
Endcaps: Plastic White

Accessories: Metal Clips

Diffuser: Opal PC Diffuser

### AEF-KE1010A

■ ■ □



Size: LxW15.6xH10mm

Material: 6063-T5

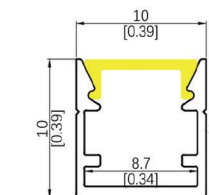
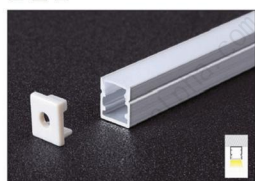
Endcaps: Plastic White

Accessories: Metal Clips

Diffuser: Opal PC Diffuser

### AEF-KE1010M

■ ■ □



Size: LxW10xH10mm

Material: 6063-T5

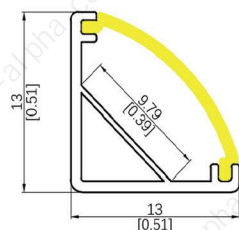
Endcaps: Plastic White

Accessories: Metal Clips

Diffuser: Opal PC Diffuser

### AEF-KE1313

■ ■ □



Size: LxW13xH13mm

Material: 6063-T5

Endcaps: Plastic White

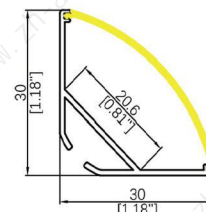
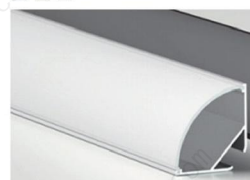
Accessories: Metal Clips

Diffuser: Opal PC Diffuser

## Linear: For Ambient Lighting

### AEF-HN3030J

■ ■ □



Size: LxW29.7xH29.7mm

Material: 6063-T5

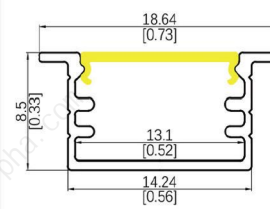
Endcaps: Plastic White

Accessories: Metal Clips

Diffuser: Opal PC Diffuser

### AEF-KE1409A

■ ■ □



Size: LxW18.6xH8.5mm

Material: 6063-T5

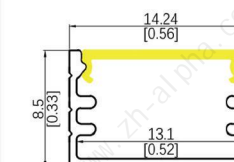
Endcaps: Plastic White

Accessories: Metal Clips

Diffuser: Opal PMMA Matt Diffuser

### AEF-KE1409M

■ ■ □



Size: LxW14.2xH8.5mm

Material: 6063-T5

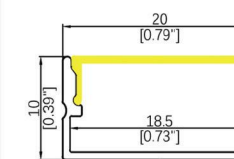
Endcaps: Plastic White

Accessories: Metal Clips

Diffuser: Opal PMMA Matt Diffuser

### AEF-KE2010MH

■ ■ □



Size: LxW20xH10mm

Material: 6063-T5

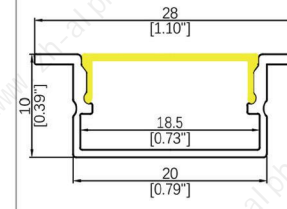
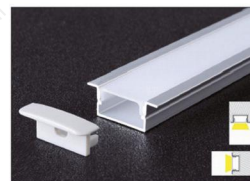
Endcaps: Plastic White

Accessories: Metal Clips

Diffuser: Opal PMMA Matt Diffuser

### AEF-KE2010AH

■ ■ □



Size: LxW28xH10mm

Material: 6063-T5

Endcaps: Plastic White

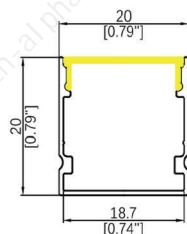
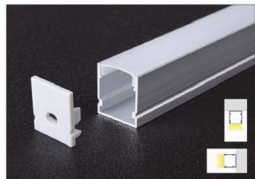
Accessories: Metal Clips

Diffuser: Opal PMMA Matt Diffuser

## Linear: For Ambient Lighting

### AEF-KE2020MH

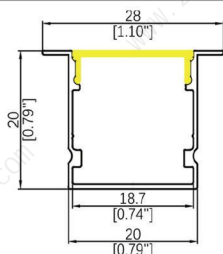
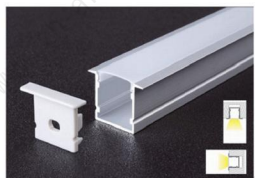
■ ■ □



Size: LxW20xH20mm  
Material: 6063-T5  
Endcaps: Plastic White  
Accessories: Metal Clips  
Diffuser: Opal PMMA Matt Diffuser

### AEF-KE2020AH

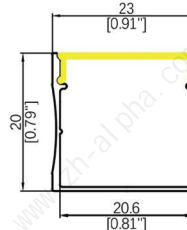
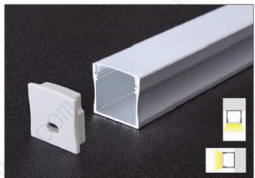
■ ■ □



Size: LxW28xH20mm  
Material: 6063-T5  
Endcaps: Plastic White  
Accessories: Metal Clips  
Diffuser: Opal PMMA Matt Diffuser

### AEF-KE2320M

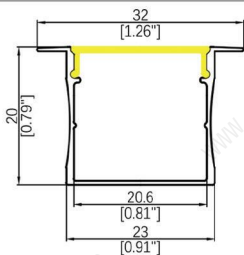
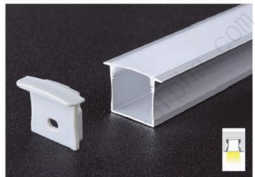
■ ■ □



Size: LxW23xH20mm  
Material: 6063-T5  
Endcaps: Plastic White  
Accessories: Metal Clips  
Diffuser: Opal PMMA Matt Diffuser

### AEF-KE2320A

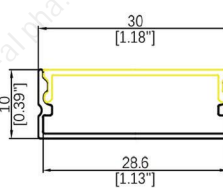
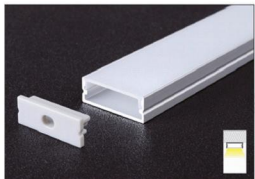
■ ■ □



Size: LxW32xH20mm  
Material: 6063-T5  
Endcaps: Plastic White  
Accessories: Metal Clips  
Diffuser: Opal PMMA Matt Diffuser

### AEF-KE3010M

■ ■ □

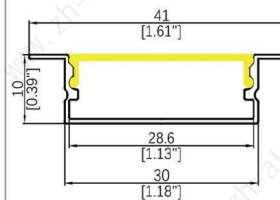
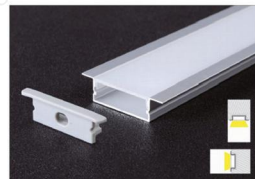


Size: LxW30xH10mm  
Material: 6063-T5  
Endcaps: Plastic White  
Accessories: Metal Clips  
Diffuser: Opal PMMA Matt Diffuser

## Linear: For Ambient Lighting

### AEF-KE3010A

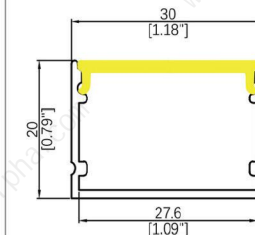
■ ■ □



Size: LxW41xH10mm  
Material: 6063-T5  
Endcaps: Plastic White  
Accessories: Metal Clips  
Diffuser: Opal PMMA Matt Diffuser

### AEF-KE3020M

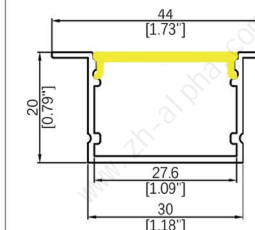
■ ■ □



Size: LxW30xH20mm  
Material: 6063-T5  
Endcaps: Plastic White  
Accessories: Metal Clips  
Diffuser: Opal PMMA Matt Diffuser

### AEF-KE3020A

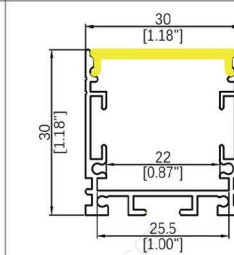
■ ■ □



Size: LxW44xH20mm  
Material: 6063-T5  
Endcaps: Plastic White  
Accessories: Metal Clips  
Diffuser: Opal PMMA Matt Diffuser

### AEF-KE3030M

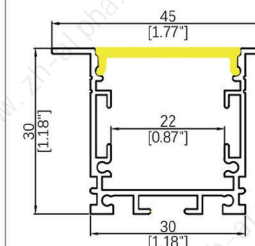
■ ■ □



Size: LxW30xH30mm  
Material: 6063-T5  
Endcaps: Plastic Silver  
Accessories: Metal Clips/  
Suspension Kit  
Diffuser: Opal PMMA Matt Diffuser

### AEF-KE3030A

■ ■ □



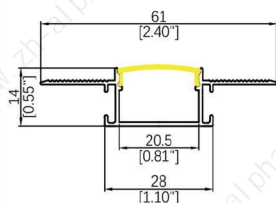
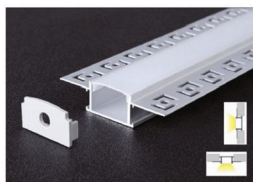
Size: LxW45xH30mm  
Material: 6063-T5  
Endcaps: Plastic Silver  
Accessories: Metal Clips  
Diffuser: Opal PMMA Matt Diffuser



## Linear: For Ambient Lighting

**AEF-KE6114**

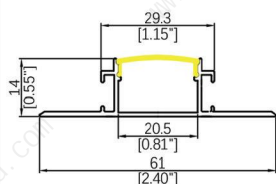
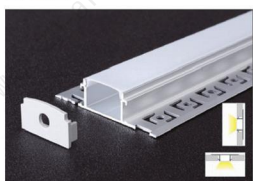
■ ■ □



Size: LxW61xH14mm  
Material: 6063-T5  
Endcaps: Plastic White  
Diffuser: Opal PMMA Matt Diffuser

**AEF-KE6114A**

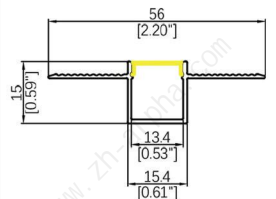
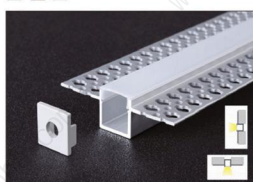
■ ■ □



Size: LxW61xH14mm  
Material: 6063-T5  
Endcaps: Plastic White  
Diffuser: Opal PMMA Matt Diffuser

**AEF-KE639M**

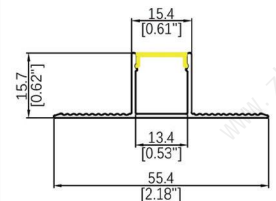
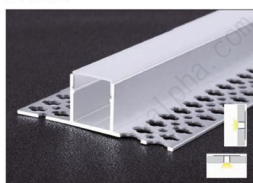
■ ■ □



Size: LxW56xH15mm  
Material: 6063-T5  
Endcaps: Plastic White  
Diffuser: Opal PC Diffuser

**AEF-KE639MX**

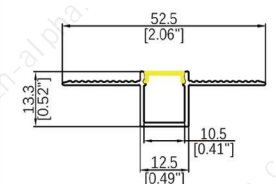
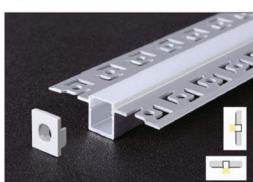
■ ■ □



Size: LxW55.5xH15.7mm  
Material: 6063-T5  
Endcaps: Plastic White  
Diffuser: Opal PC Diffuser

**AEF-KE639X**

■ ■ □

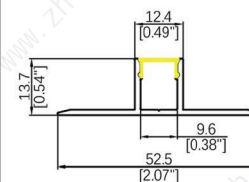
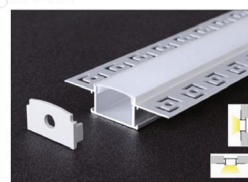


Size: LxW52.5xH13.3mm  
Material: 6063-T5  
Endcaps: Plastic White  
Diffuser: Opal PC Diffuser

## Linear: For Ambient Lighting

**AEF-KE703**

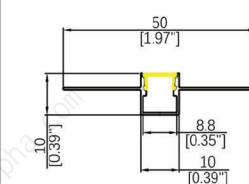
■ ■ □



Size: LxW52.5xH13.7mm  
Material: 6063-T5  
Endcaps: Plastic White  
Diffuser: Opal PC Diffuser

**AEF-KE1010S**

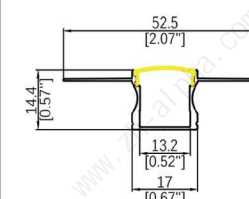
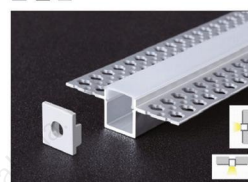
■ ■ □



Size: LxW50xH10mm  
Material: 6063-T5  
Endcaps: Plastic White  
Diffuser: Opal PC Diffuser

**AEF-KE613H**

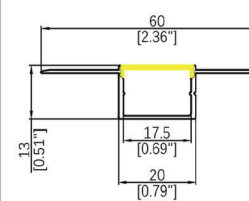
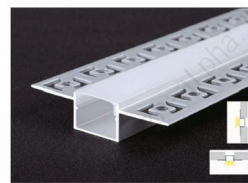
■ ■ □



Size: LxW52.5xH14.4mm  
Material: 6063-T5  
Endcaps: Plastic White  
Diffuser: Opal PC Diffuser

**AEF-KE2013S**

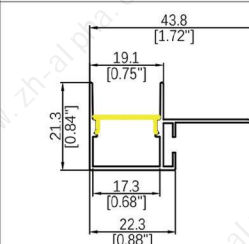
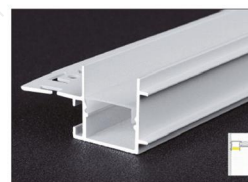
■ ■ □



Size: LxW55.5xH15.7mm  
Material: 6063-T5  
Endcaps: Plastic White  
Diffuser: Opal PC Diffuser

**AEF-KEX101**

■ ■ □

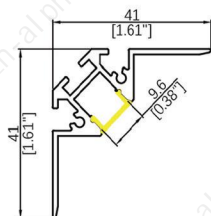


Size: LxW46.9xH21.4mm  
Material: 6063-T5  
Diffuser: Opal PMMA Matt Diffuser

## Linear: For Ambient Lighting

### AEF-KE707A

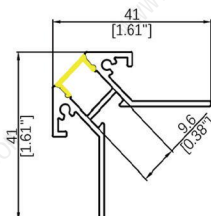
■ ■ □



Size: LxW52.5xH13.7mm  
Material: 6063-T5  
Endcaps: Plastic White  
Diffuser: Opal PC Diffuser

### AEF-KE707Y

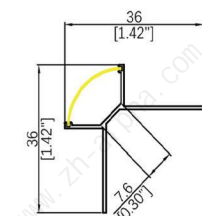
■ ■ □



Size: LxW50xH10mm  
Material: 6063-T5  
Endcaps: Plastic White  
Diffuser: Opal PC Diffuser

### AEF-KE601H

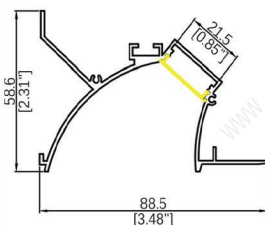
■ ■ □



Size: LxW52.5xH14.4mm  
Material: 6063-T5  
Endcaps: Plastic White  
Diffuser: Opal PC Diffuser

### AEF-KEHX

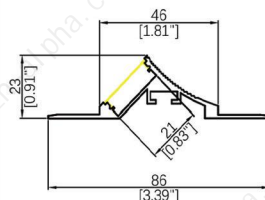
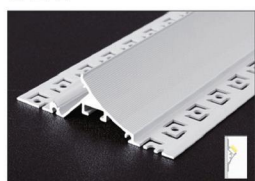
■ ■ □



Size: LxW55.5xH15.7mm  
Material: 6063-T5  
Endcaps: Plastic White  
Diffuser: Opal PC Diffuser

### AEF-KE105

■ ■ □

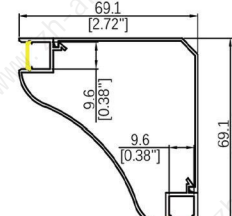
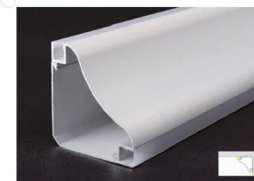


Size: LxW46.9xH21.4mm  
Material: 6063-T5  
Diffuser: Opal PMMA Matt Diffuser

## Linear: For Ambient Lighting

### AEF-KE108

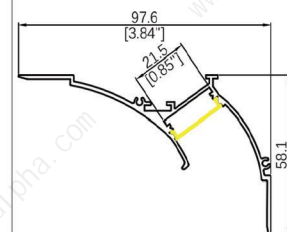
■ ■ □



Size: LxW69.1xH69.1mm  
Material: 6063-T5  
Diffuser: Opal PC Diffuser

### AEF-KE109

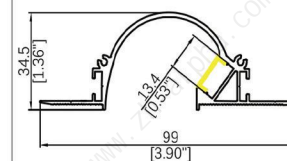
■ ■ □



Size: LxW97.6xH58.1mm  
Material: 6063-T5  
Diffuser: Opal PMMA Matt Diffuser

### AEF-LT3009

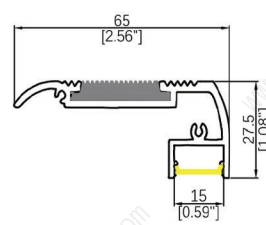
■ ■ □



Size: LxW99xH34.51mm  
Material: 6063-T5  
Diffuser: Opal PMMA Matt Diffuser

### AEF-PL6527

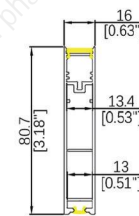
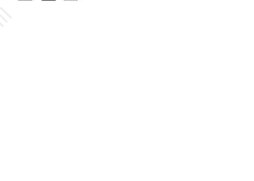
■ ■ □



Size: LxW65xH27.5mm  
Material: 6063-T5  
Endcaps: Aluminum  
Diffuser: Opal PC Diffuser

### AEF-CS1680

■ ■ □

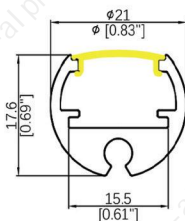


Size: LxW16xH80mm  
Material: 6063-T5  
Endcaps: Aluminum  
Diffuser: Opal PMMA Matt Diffuser



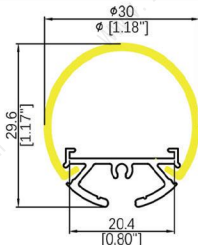
## Linear: For Ambient Lighting

### AEF-VLG002



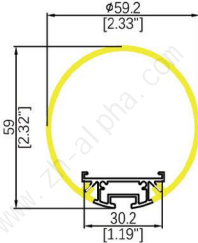
Size: LxW21xH18.2mm  
Material: 6063-T5  
Endcaps: Aluminum  
Diffuser: Opal PMMA Matt Diffuser

### AEF-KED30



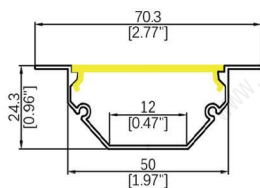
Size: LxD30mm  
Material: 6063-T5  
Endcaps: Plastic White  
Accessories: Suspension Kit  
Diffuser: Opal PC Diffuser

### AEF-KED60



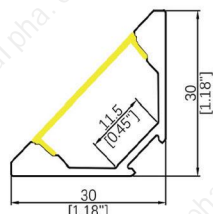
Size: LxD60mm  
Material: 6063-T5  
Endcaps: Plastic White  
Accessories: Metal Clips/  
Suspension Kit  
Diffuser: Opal PC Diffuser

### AEF-KE5050-X



Size: LxW70.3xH24.3mm  
Material: 6063-T5  
Diffuser: Opal PC Diffuser

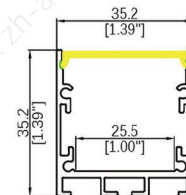
### AEF-KE3030-L



Size: LxW30xH30mm  
Material: 6063-T5  
Diffuser: Opal PC Diffuser

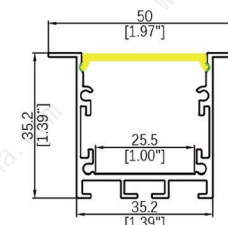
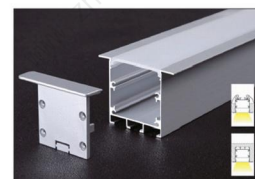
## Linear: For Main Lighting

### AEF-KE3535M



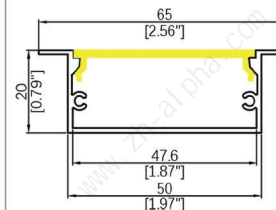
Size: LxW35xH35mm  
Material: 6063-T5  
Endcaps: Plastic Silver  
Accessories: Metal Clips/  
Suspension Kit  
Diffuser: Opal PMMA Matt Diffuser

### AEF-KE3535A



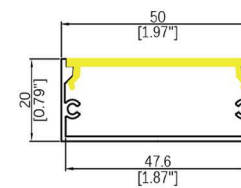
Size: LxW50xH35mm  
Material: 6063-T5  
Endcaps: Plastic Silver  
Accessories: Spring Clips  
Diffuser: Opal PMMA Matt Diffuser

### AEF-KE5020M



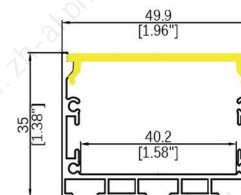
Size: LxW50xH20mm  
Material: 6063-T5  
Endcaps: Plastic Silver  
Diffuser: Opal PMMA Matt Diffuser

### AEF-KE5020A



Size: LxW65xH20mm  
Material: 6063-T5  
Endcaps: Plastic Silver  
Diffuser: Opal PMMA Matt Diffuser

### AEF-KE5035MH

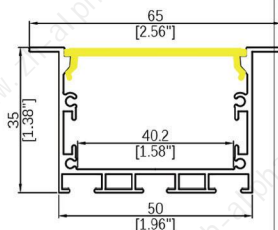


Size: LxW50xH35mm  
Material: 6063-T5  
Endcaps: Plastic Silver  
Accessories: Metal Clips/  
Suspension Kit  
Diffuser: Opal PMMA Matt Diffuser

## Linear: For Main Lighting

### AEF-KE5035AH

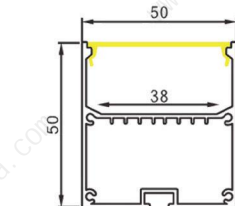
■ ■ □



Size: LxW65xH35mm  
Material: 6063-T5  
Endcaps: Plastic Silver  
Accessories: Spring Clips  
Diffuser: Opal PMMA Matt Diffuser

### AEF-KE5050M

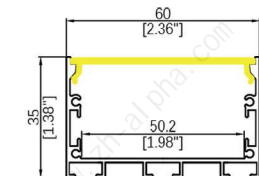
■ ■ □



Size: LxW50xH50mm  
Material: 6063-T5  
Endcaps: Plastic Silver  
Accessories: Metal Clips/  
Suspension Kit  
Diffuser: Opal PMMA Matt Diffuser

### AEF-KE6035M

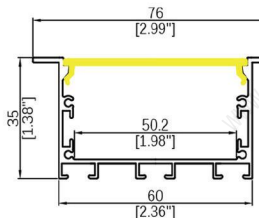
■ ■ □



Size: LxW60xH35mm  
Material: 6063-T5  
Endcaps: Plastic Silver  
Accessories: Metal Clips/  
Suspension Kit  
Diffuser: Opal PMMA Matt Diffuser

### AEF-KE6035A

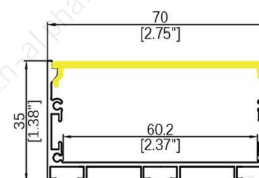
■ ■ □



Size: LxW76xH35mm  
Material: 6063-T5  
Endcaps: Plastic Silver  
Accessories: Spring Clips  
Diffuser: Opal PMMA Matt Diffuser

### AEF-KE7035M

■ ■ □

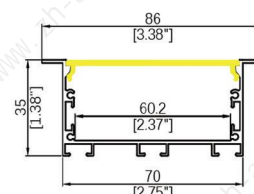


Size: LxW70xH35mm  
Material: 6063-T5  
Endcaps: Plastic Silver  
Accessories: Metal Clips/  
Suspension Kit  
Diffuser: Opal PMMA Matt Diffuser

## Linear: For Main Lighting

### AEF-KE7035A

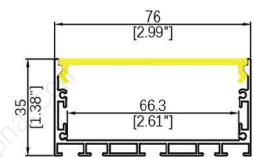
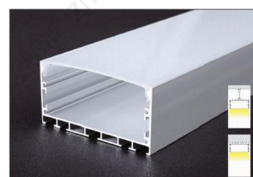
■ ■ □



Size: LxW86xH35mm  
Material: 6063-T5  
Endcaps: Plastic Silver  
Accessories: Spring Clips  
Diffuser: Opal PMMA Matt Diffuser

### AEF-KE7635MH

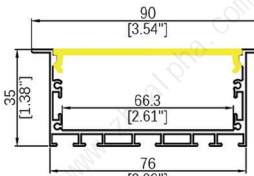
■ ■ □



Size: LxW76xH35mm  
Material: 6063-T5  
Endcaps: Plastic Silver  
Accessories: Metal Clips/  
Suspension Kit  
Diffuser: Opal PMMA Matt Diffuser

### AEF-KE7635AH

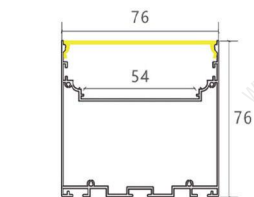
■ ■ □



Size: LxW92.5xH35mm  
Material: 6063-T5  
Endcaps: Plastic Silver  
Accessories: Spring Clips  
Diffuser: Opal PMMA Matt Diffuser

### AEF-KE7676M

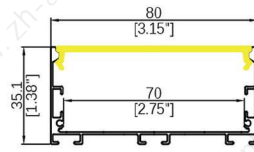
■ ■ □



Size: LxW76xH76mm  
Material: 6063-T5  
Endcaps: Plastic Silver  
Accessories: Metal Clips/  
Suspension Kit  
Diffuser: Opal PMMA Matt Diffuser

### AEF-KE8035M

■ ■ □



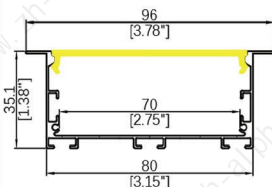
Size: LxW80xH35mm  
Material: 6063-T5  
Endcaps: Plastic Silver  
Accessories: Metal Clips/  
Suspension Kit  
Diffuser: Opal PMMA Matt Diffuser



## Linear: For Main Lighting

### AEF-KE8035A

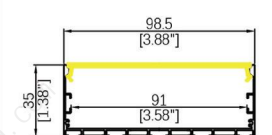
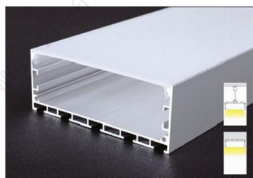
■ ■ □



Size: LxW96xH35mm  
Material: 6063-T5  
Endcaps: Plastic Silver  
Accessories: Spring Clips  
Diffuser: Opal PMMA Matt Diffuser

### AEF-KE10035MH

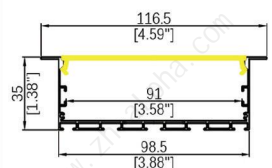
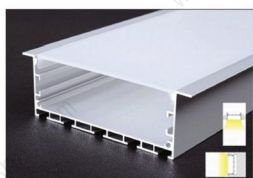
■ ■ □



Size: LxW98.5xH35mm  
Material: 6063-T5  
Endcaps: Plastic Silver  
Accessories: Metal Clips/  
Suspension Kit  
Diffuser: Opal PMMA Matt Diffuser

### AEF-KE10035AH

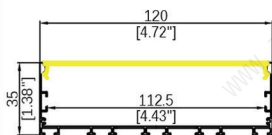
■ ■ □



Size: LxW116.5xH35mm  
Material: 6063-T5  
Endcaps: Plastic Silver  
Accessories: Spring Clips  
Diffuser: Opal PMMA Matt Diffuser

### AEF-KE12035M

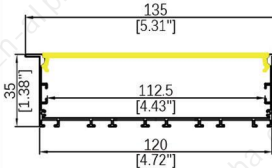
■ ■ □



Size: LxW120xH35mm  
Material: 6063-T5  
Endcaps: Plastic Silver  
Accessories: Metal Clips/  
Suspension Kit  
Diffuser: Opal PMMA Matt Diffuser

### AEF-KE12035A

■ ■ □

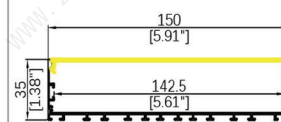


Size: LxW135xH35mm  
Material: 6063-T5  
Endcaps: Plastic Silver  
Accessories: Spring Clips  
Diffuser: Opal PMMA Matt Diffuser

## Linear: For Main Lighting

### AEF-KE15035M

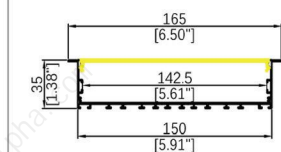
■ ■ □



Size: LxW150xH35mm  
Material: 6063-T5  
Endcaps: Plastic Silver  
Accessories: Metal Clips/  
Suspension Kit  
Diffuser: Opal PMMA Matt Diffuser

### AEF-KE15035A

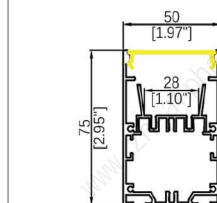
■ ■ □



Size: LxW165xH35mm  
Material: 6063-T5  
Endcaps: Plastic Silver  
Accessories: Spring Clips  
Diffuser: Opal PMMA Matt Diffuser

### AEF-CS5075T

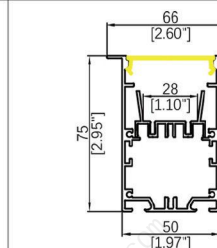
■ ■ □



Size: LxW50xH75mm  
Material: 6063-T5  
Endcaps: Aluminum  
Accessories: Metal Clips/  
Suspension Kit  
Diffuser: Opal PMMA Matt Diffuser

### AEF-CS5075A

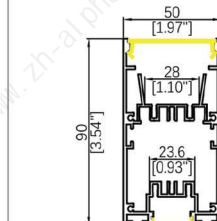
■ ■ □



Size: LxW66xH75mm  
Material: 6063-T5  
Endcaps: Aluminum  
Accessories: Spring Clips  
Diffuser: Opal PMMA Matt Diffuser

### AEF-CS5090S

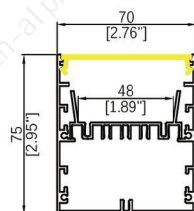
■ ■ □



Size: LxW50xH90mm  
Material: 6063-T5  
Endcaps: Aluminum  
Accessories: Metal Clips/  
Suspension Kit  
Diffuser: Opal PMMA Matt Diffuser

## Linear: For Main Lighting

### AEF-CS7075T



Size: LxW70xH75mm

Material: 6063-T5

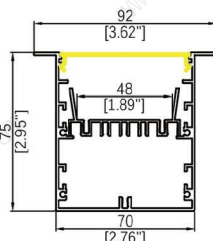
Endcaps: Aluminum

Accessories: Metal Clips/

Suspension Kit

Diffuser: Opal PMMA Matt Diffuser

### AEF-CS7075A



Size: LxW92xH75mm

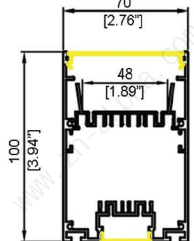
Material: 6063-T5

Endcaps: Aluminum

Accessories: Spring Clips

Diffuser: Opal PMMA Matt Diffuser

### AEF-CS70100S



Size: LxW70xH100mm

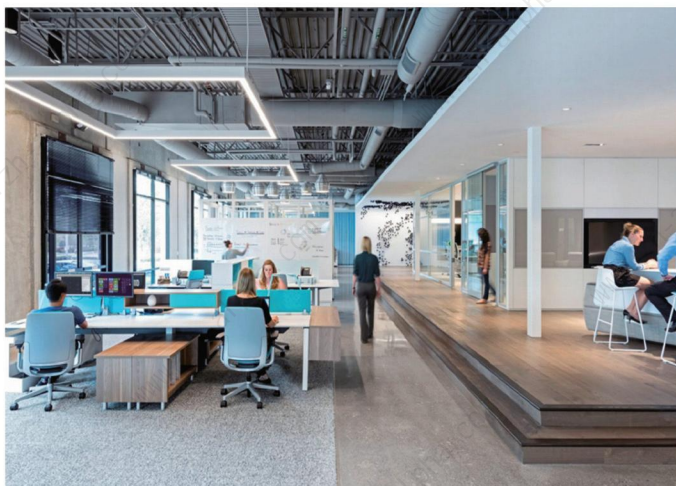
Material: 6063-T5

Endcaps: Aluminum

Accessories: Metal Clips/

Suspension Kit

Diffuser: Opal PMMA Matt Diffuser



## Linear: For Main Lighting-Premium

### AEF-PM3842M

Size: LxW38xH42mm

Material: 6063-T6

Finish: Silver Anodized / Black / White / Customized

Installation: Suspension; Surface

#### Optics

PMMA Matt Diffuser



Microprismatic Lens

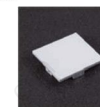


Microprismatic Lens + PMMA Sheet



#### Accessories

Endcap: Plastic / Aluminum



Surface Clips



Suspension Kits



### AEF-PM3842A

Size: LxW50xH42mm

Material: 6063-T6

Finish: Silver Anodized / Black / White / Customized

Installation: Recessed

#### Optics

PMMA Matt Diffuser



Microprismatic Lens



Microprismatic Lens + PMMA Sheet



#### Accessories

Endcap: Plastic / Aluminum



Surface Clips



Suspension Kits



### AEF-PM3878M

Size: LxW38xH78mm

Material: 6063-T6

Finish: Silver Anodized / Black / White / Customized

Installation: Suspension; Surface

#### Optics

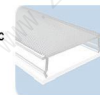
PMMA Matt Diffuser



Microprismatic Lens



Microprismatic Lens + PMMA Sheet



#### Accessories

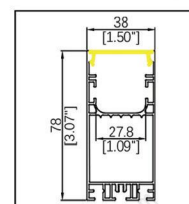
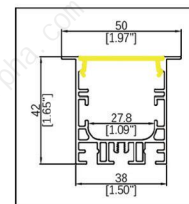
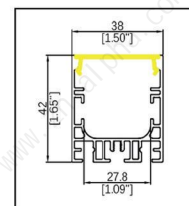
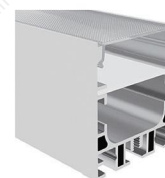
Endcap: Plastic / Aluminum



Surface Clips



Suspension Kits





## Linear: For Main Lighting-Premium



### AEF-PM4842M

Size: LxW48xH42mm

Material: 6063-T6

Finish: Silver Anodized / Black / White / Customized

Installation: Suspension; Surface

#### Optics

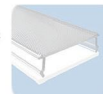
PMMA Matt Diffuser



Microprismatic Lens



Microprismatic Lens + PMMA Sheet



#### Accessories

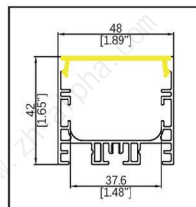
Endcap: Plastic / Aluminum



Surface Clips



Suspension Kits



### AEF-PM4842A

Size: LxW60xH42mm

Material: 6063-T6

Finish: Silver Anodized / Black / White / Customized

Installation: Recessed

#### Optics

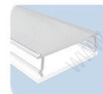
PMMA Matt Diffuser



Microprismatic Lens



Microprismatic Lens + PMMA Sheet



#### Accessories

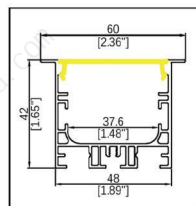
Endcap: Plastic / Aluminum



Surface Clips



Suspension Kits



### AEF-PM4878M

Size: LxW48xH78mm

Material: 6063-T6

Finish: Silver Anodized / Black / White / Customized

Installation: Suspension; Surface

#### Optics

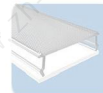
PMMA Matt Diffuser



Microprismatic Lens



Microprismatic Lens + PMMA Sheet



#### Accessories

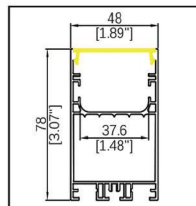
Endcap: Plastic / Aluminum



Surface Clips



Suspension Kits



### AEF-PM5842M

Size: LxW58xH42mm

Material: 6063-T6

Finish: Silver Anodized / Black / White / Customized

Installation: Suspension; Surface

#### Optics

PMMA Matt Diffuser



Microprismatic Lens



Microprismatic Lens + PMMA Sheet



#### Accessories

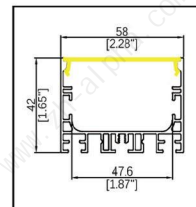
Endcap: Plastic / Aluminum



Surface Clips



Suspension Kits



### AEF-PM5842A

Size: LxW70xH42mm

Material: 6063-T6

Finish: Silver Anodized / Black / White / Customized

Installation: Recessed

#### Optics

PMMA Matt Diffuser



Microprismatic Lens



Microprismatic Lens + PMMA Sheet



#### Accessories

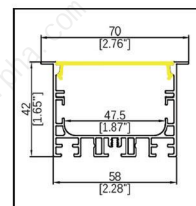
Endcap: Plastic / Aluminum



Surface Clips



Suspension Kits



### AEF-PM5878M

Size: LxW58xH78mm

Material: 6063-T6

Finish: Silver Anodized / Black / White / Customized

Installation: Suspension; Surface

#### Optics

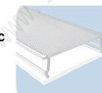
PMMA Matt Diffuser



Microprismatic Lens



Microprismatic Lens + PMMA Sheet



#### Accessories

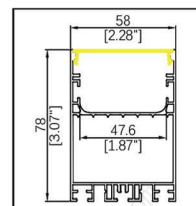
Endcap: Plastic / Aluminum



Surface Clips



Suspension Kits



## Linear: For Main Lighting-Premium

## Linear: For Main Lighting-Premium



### AEF-PM6842M

Size: LxW68xH42mm

Material: 6063-T6

Finish: Silver Anodized / Black / White / Customized

Installation: Suspension; Surface

#### Optics

PMMA Matt Diffuser



Microprismatic Lens



Microprismatic Lens + PMMA Sheet



#### Accessories

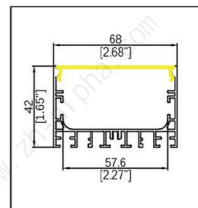
Endcap: Plastic / Aluminum



Surface Clips



Suspension Kits



### AEF-PM6842A

Size: LxW80xH42mm

Material: 6063-T6

Finish: Silver Anodized / Black / White / Customized

Installation: Recessed

#### Optics

PMMA Matt Diffuser



Microprismatic Lens



Microprismatic Lens + PMMA Sheet



#### Accessories

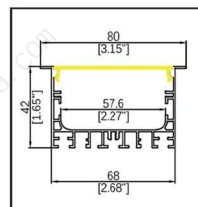
Endcap: Plastic / Aluminum



Surface Clips



Suspension Kits



### AEF-PM6878M

Size: LxW68xH78mm

Material: 6063-T6

Finish: Silver Anodized / Black / White / Customized

Installation: Suspension; Surface

#### Optics

PMMA Matt Diffuser



Microprismatic Lens



Microprismatic Lens + PMMA Sheet



#### Accessories

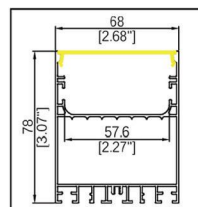
Endcap: Plastic / Aluminum



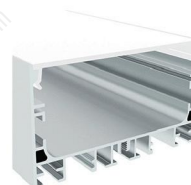
Surface Clips



Suspension Kits



## Linear: For Main Lighting-Premium



### AEF-PM7842M

Size: LxW78xH42mm

Material: 6063-T6

Finish: Silver Anodized / Black / White / Customized

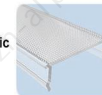
Installation: Suspension; Surface

#### Optics

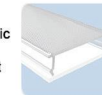
PMMA Matt Diffuser



Microprismatic Lens

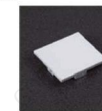


Microprismatic Lens + PMMA Sheet



#### Accessories

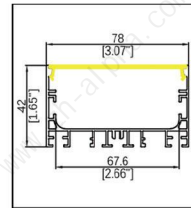
Endcap: Plastic / Aluminum



Surface Clips



Suspension Kits



### AEF-PM7842A

Size: LxW90xH42mm

Material: 6063-T6

Finish: Silver Anodized / Black / White / Customized

Installation: Recessed

#### Optics

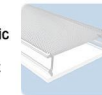
PMMA Matt Diffuser



Microprismatic Lens



Microprismatic Lens + PMMA Sheet



#### Accessories

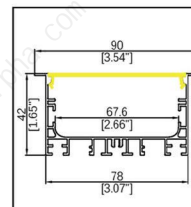
Endcap: Plastic / Aluminum



Surface Clips



Suspension Kits



### AEF-PM7878M

Size: LxW78xH78mm

Material: 6063-T6

Finish: Silver Anodized / Black / White / Customized

Installation: Suspension; Surface

#### Optics

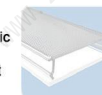
PMMA Matt Diffuser



Microprismatic Lens



Microprismatic Lens + PMMA Sheet



#### Accessories

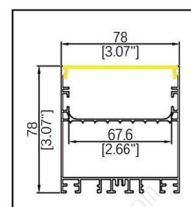
Endcap: Plastic / Aluminum



Surface Clips

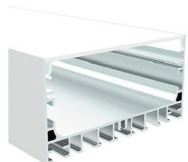


Suspension Kits





## Linear: For Main Lighting-Premium



### AEF-PM8842M

Size: LxW88xH42mm

Material: 6063-T6

Finish: Silver Anodized / Black / White / Customized

Installation: Suspension; Surface

#### Optics

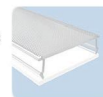
PMMA Matt Diffuser



Microprismatic Lens



Microprismatic Lens + PMMA Sheet



#### Accessories

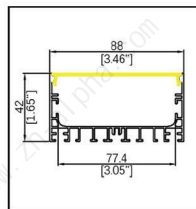
Endcap: Plastic / Aluminum



Surface Clips



Suspension Kits



### AEF-PM8842A

Size: LxW100xH42mm

Material: 6063-T6

Finish: Silver Anodized / Black / White / Customized

Installation: Recessed

#### Optics

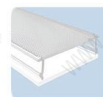
PMMA Matt Diffuser



Microprismatic Lens



Microprismatic Lens + PMMA Sheet



#### Accessories

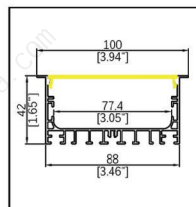
Endcap: Plastic / Aluminum



Surface Clips



Suspension Kits



### AEF-PM8878M

Size: LxW88xH78mm

Material: 6063-T6

Finish: Silver Anodized / Black / White / Customized

Installation: Suspension; Surface

#### Optics

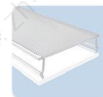
PMMA Matt Diffuser



Microprismatic Lens



Microprismatic Lens + PMMA Sheet



#### Accessories

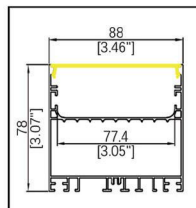
Endcap: Plastic / Aluminum



Surface Clips



Suspension Kits



## Linear: For Main Lighting-Premium



### AEF-PM9842M

Size: LxW98xH42mm

Material: 6063-T6

Finish: Silver Anodized / Black / White / Customized

Installation: Suspension; Surface

#### Optics

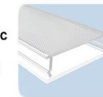
PMMA Matt Diffuser



Microprismatic Lens

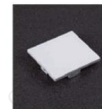


Microprismatic Lens + PMMA Sheet



#### Accessories

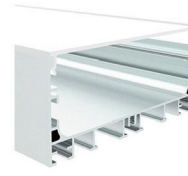
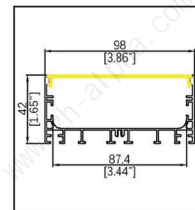
Endcap: Plastic / Aluminum



Surface Clips



Suspension Kits



### AEF-PM9842A

Size: LxW110xH42mm

Material: 6063-T6

Finish: Silver Anodized / Black / White / Customized

Installation: Recessed

#### Optics

PMMA Matt Diffuser



Microprismatic Lens



Microprismatic Lens + PMMA Sheet



#### Accessories

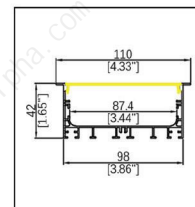
Endcap: Plastic / Aluminum



Surface Clips



Suspension Kits



### AEF-PM9878M

Size: LxW98xH78mm

Material: 6063-T6

Finish: Silver Anodized / Black / White / Customized

Installation: Suspension; Surface

#### Optics

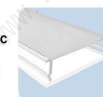
PMMA Matt Diffuser



Microprismatic Lens



Microprismatic Lens + PMMA Sheet



#### Accessories

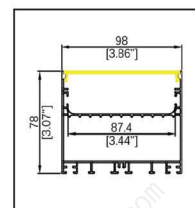
Endcap: Plastic / Aluminum



Surface Clips



Suspension Kits



## Linear: For Main Lighting-Premium



### AEF-PM11842M

Size: LxW118xH42mm

Material: 6063-T6

Finish: Silver Anodized / Black / White / Customized

Installation: Suspension; Surface

#### Optics

PMMA Matt Diffuser



Microprismatic Lens



Microprismatic Lens + PMMA Sheet



#### Accessories

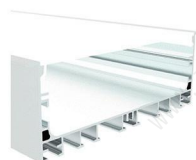
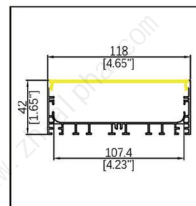
Endcap: Plastic / Aluminum



Surface Clips



Suspension Kits



### AEF-PM11842A

Size: LxW130xH42mm

Material: 6063-T6

Finish: Silver Anodized / Black / White / Customized

Installation: Recessed

#### Optics

PMMA Matt Diffuser



Microprismatic Lens



Microprismatic Lens + PMMA Sheet



#### Accessories

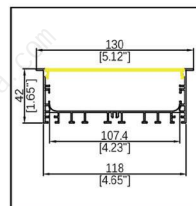
Endcap: Plastic / Aluminum



Surface Clips



Suspension Kits



### AEF-PM11878M

Size: LxW118xH78mm

Material: 6063-T6

Finish: Silver Anodized / Black / White / Customized

Installation: Suspension; Surface

#### Optics

PMMA Matt Diffuser



Microprismatic Lens



Microprismatic Lens + PMMA Sheet



#### Accessories

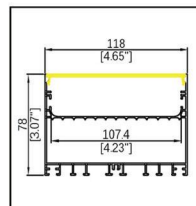
Endcap: Plastic / Aluminum



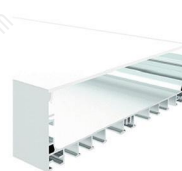
Surface Clips



Suspension Kits



## Linear: For Main Lighting-Premium



### AEF-PM14842M

Size: LxW148xH42mm

Material: 6063-T6

Finish: Silver Anodized / Black / White / Customized

Installation: Suspension; Surface

#### Optics

PMMA Matt Diffuser



Microprismatic Lens



Microprismatic Lens + PMMA Sheet



#### Accessories

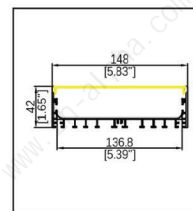
Endcap: Plastic / Aluminum



Surface Clips



Suspension Kits



### AEF-PM14842A

Size: LxW160xH42mm

Material: 6063-T6

Finish: Silver Anodized / Black / White / Customized

Installation: Recessed

#### Optics

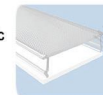
PMMA Matt Diffuser



Microprismatic Lens



Microprismatic Lens + PMMA Sheet



#### Accessories

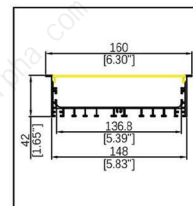
Endcap: Plastic / Aluminum



Surface Clips



Suspension Kits



### AEF-PM14878M

Size: LxW148xH78mm

Material: 6063-T6

Finish: Silver Anodized / Black / White / Customized

Installation: Suspension; Surface

#### Optics

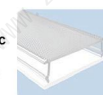
PMMA Matt Diffuser



Microprismatic Lens



Microprismatic Lens + PMMA Sheet



#### Accessories

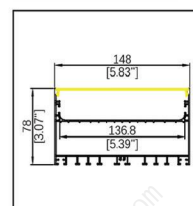
Endcap: Plastic / Aluminum



Surface Clips



Suspension Kits





## Linear: For Main Lighting-Premium



### AEF-PM17842M

Size: LxW178xH42mm

Material: 6063-T6

Finish: Silver Anodized / Black / White / Customized

Installation: Suspension; Surface

#### Optics

PMMA Matt Diffuser



Microprismatic Lens



Microprismatic Lens + PMMA Sheet



#### Accessories

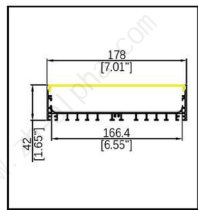
Endcap: Plastic / Aluminum



Surface Clips



Suspension Kits



### AEF-PM17842A

Size: LxW190xH42mm

Material: 6063-T6

Finish: Silver Anodized / Black / White / Customized

Installation: Recessed

#### Optics

PMMA Matt Diffuser



Microprismatic Lens



Microprismatic Lens + PMMA Sheet



#### Accessories

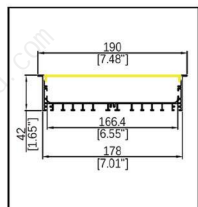
Endcap: Plastic / Aluminum



Surface Clips



Suspension Kits



### AEF-PM17878M

Size: LxW178xH78mm

Material: 6063-T6

Finish: Silver Anodized / Black / White / Customized

Installation: Suspension; Surface

#### Optics

PMMA Matt Diffuser



Microprismatic Lens



Microprismatic Lens + PMMA Sheet



#### Accessories

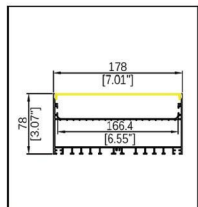
Endcap: Plastic / Aluminum



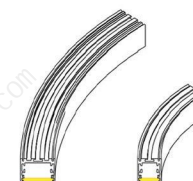
Surface Clips



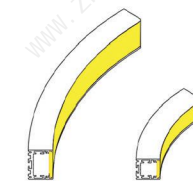
Suspension Kits



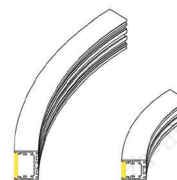
## Curved: Standard



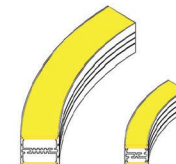
1 DOWN LIGHT



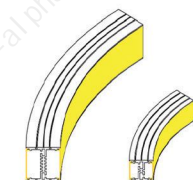
2 INWARD LIGHT



3 OUTWARD LIGHT



4 UP AND DOWN LIGHT



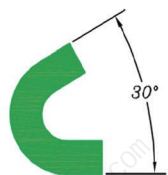
5 INWARD AND OUTWARD LIGHT

## Shape & Details

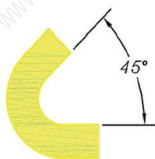
Our curved profile offer both.

## Curved: Standard

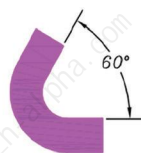
### DIY Honeycomb Series



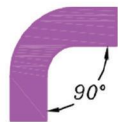
C030



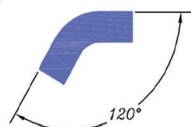
C045



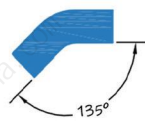
C060



C090



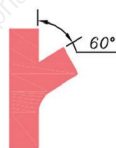
C0120



C0135

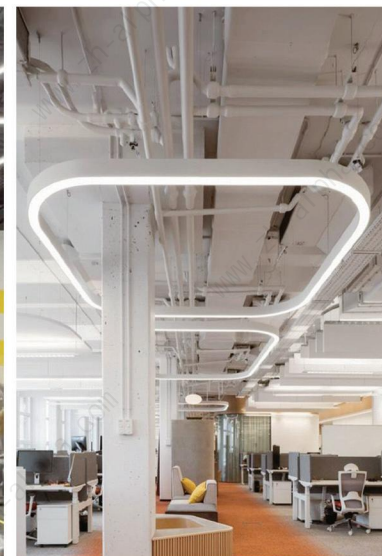
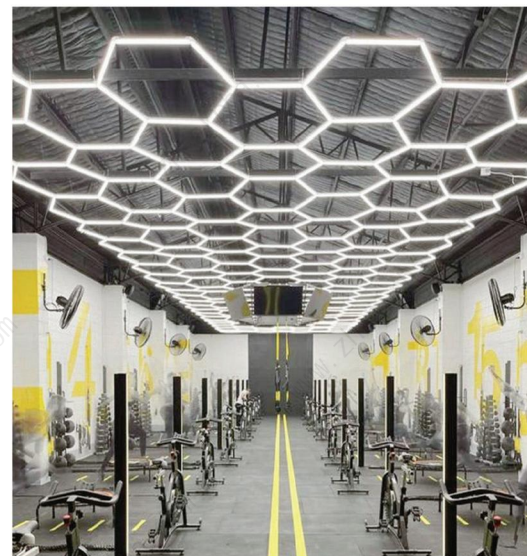
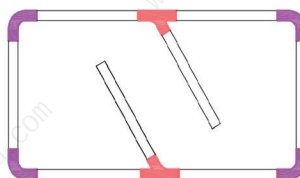
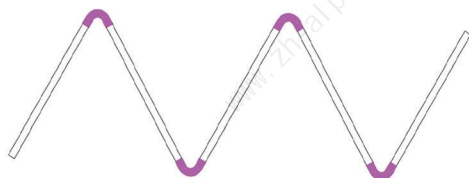
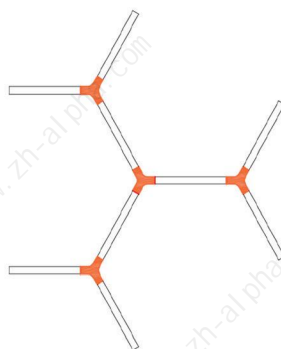
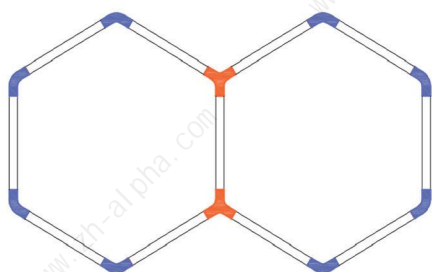


Y0120



Y060

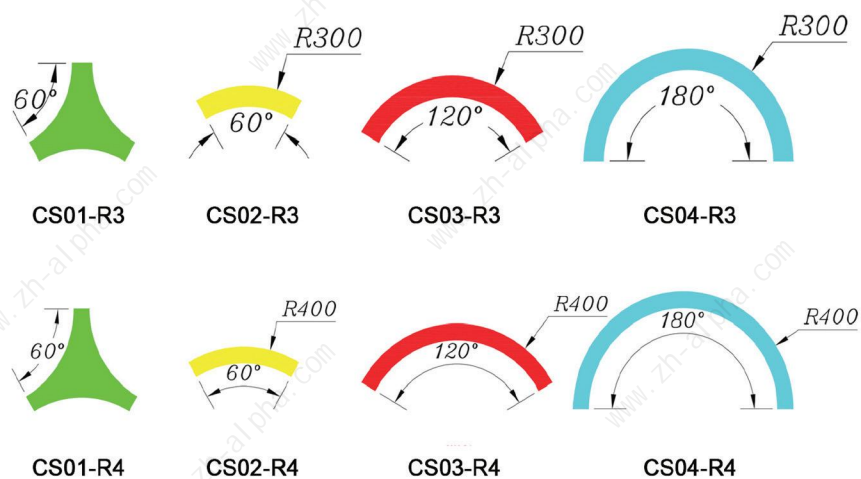
Above 8 standard curved modules are equipped with a rigid light source, can be connected with straight profile for various shapes. With a small set of modules, create an uninterrupted lighting plan anytime, anywhere, integrated with the space design.



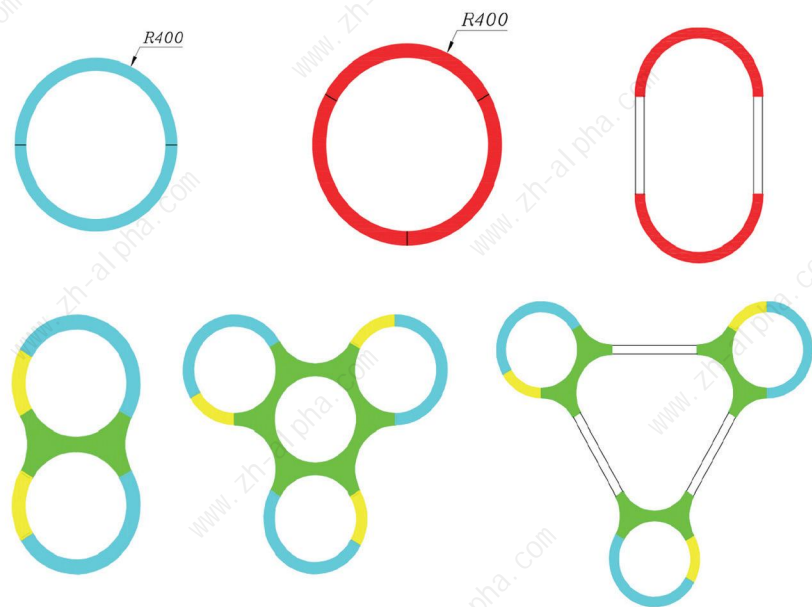


## Curved: Standard

### DIY Chain Series



CS01-04 modules can function as independent lighting fixture, also can be connected with each other for various circular shapes, or connected with straight profile to extend.

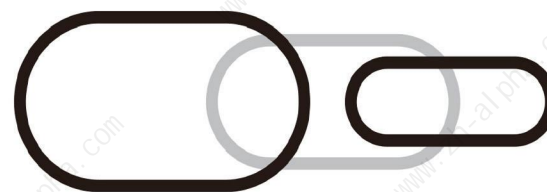


## Curved: Customize



More designs could be customized

### Runway



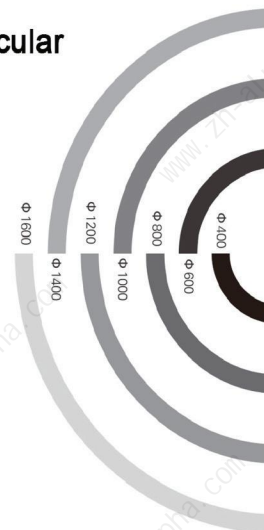
### Wave



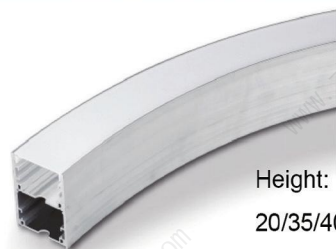
### Ellipse



### Circular

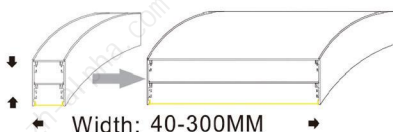


## Curved: Customize

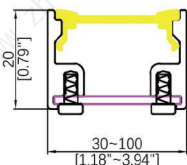


Height:

20/35/40/75/100mm

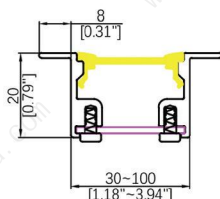


Width: 40-300MM



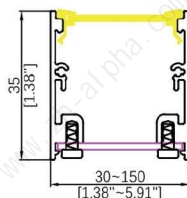
AEF-WL020A

Length: 2.9/3.6/4.1M  
Width: 30-150mm  
Diffuser: PMMA Diffuser  
Bend for Down Light R>100mm  
Can be connected with 30/40/50mm wide integrated aluminum profile



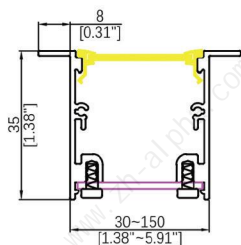
AEF-WL020B

Length: 2.9/3.6/4.1M  
Width: 30-150mm  
Diffuser: PMMA Diffuser  
Bend for Down Light R>100mm  
Can be connected with 30/40/50mm wide integrated aluminum profile



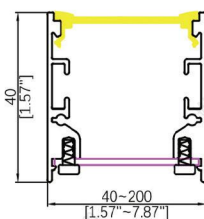
AEF-WL035A

Length: 2.9/3.6/4.1M  
Width: 30-150mm  
Diffuser: PMMA Diffuser  
Bend for Down Light R>100mm  
Can be connected with 40/50/60/70/80/90/100/120mm wide integrated aluminum profile



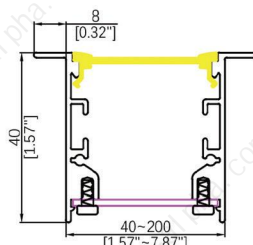
AEF-WL035B

Length: 2.9/3.6/4.1M  
Width: 30-150mm  
Diffuser: PMMA Diffuser  
Bend for Down Light R>100mm  
Can be connected with 40/50/60/70/80/90/100/120mm wide integrated aluminum profile



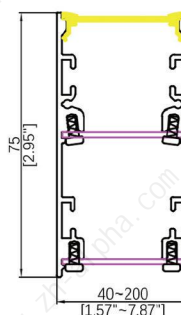
AEF-WL040A

Length: 2.9/3.6/4.1M  
Width: 40-200mm  
Diffuser: PMMA Diffuser  
Bend for Down Light R>100mm  
Can be connected with 40/50/60/70/80/90/100/120/150/200mm wide integrated aluminum profile



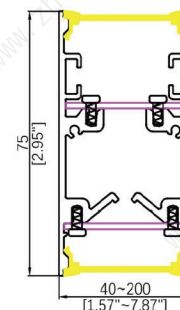
AEF-WL040B

Length: 2.9/3.6/4.1M  
Width: 40-200mm  
Diffuser: PMMA Diffuser  
Bend for Down Light R>100mm  
Can be connected with 40/50/60/70/80/90/100/120/150/200mm wide integrated aluminum profile



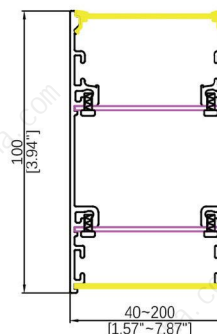
AEF-075B

Length: 2.9/3.6/4.1M  
Width: 40-200mm  
Diffuser: PMMA Diffuser  
Bend for Down Light R>100mm  
Can be connected with 40/50/60/70/80/90/100mm wide integrated aluminum profile



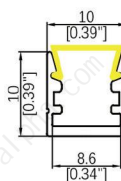
AEF-075C

Length: 2.9/3.6/4.1M  
Width: 40-200mm  
Diffuser: PMMA Diffuser  
Bend for Up and Down Light R>100mm



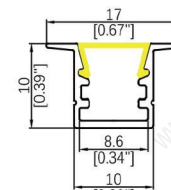
AEF-100

Length: 2.9/3.6/4.1M  
Width: 40-200mm  
Diffuser: PMMA Diffuser  
Bend for Up and Down Light R>100mm



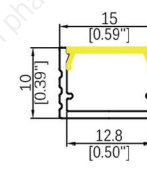
AEF-WL1010A

Length: 3.06M  
Diffuser: Silicone  
Down Light R>180mm  
Inward or Outward  
Light R>150mm



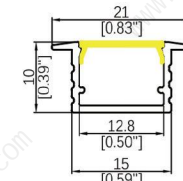
AEF-WL1010B

Length: 3.06M  
Diffuser: Silicone  
Down Light R>180mm  
Inward or Outward  
Light R>150mm



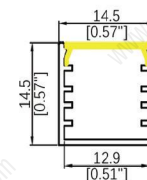
AEF-WL1510A

Length: 3.06M  
Diffuser: Silicone  
Down Light R>180mm  
Inward or Outward  
Light R>150mm



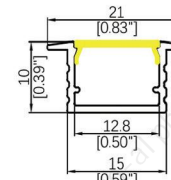
AEF-WL1510B

Length: 3.06M  
Diffuser: Silicone  
Down Light R>180mm  
Inward or Outward  
Light R>150mm



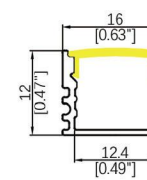
AEF-WL1515A

Length: 3.06M  
Diffuser: Silicone  
Down Light R>180mm  
Inward or Outward  
Light R>150mm



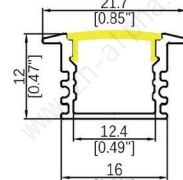
AEF-WL1515B

Length: 3.06M  
Diffuser: Silicone  
Down Light R>180mm  
Inward or Outward  
Light R>150mm



AEF-WL1612A

Length: 3.06M  
Diffuser: Silicone  
Down Light R>180mm  
Inward or Outward  
Light R>150mm



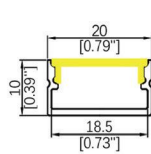
AEF-WL1612B

Length: 3.06M  
Diffuser: Silicone  
Down Light R>180mm  
Inward or Outward  
Light R>150mm

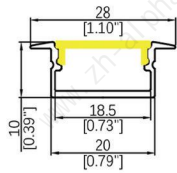
## Curved: Customize



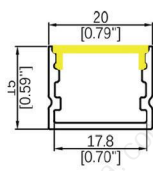
## Curved: Customize



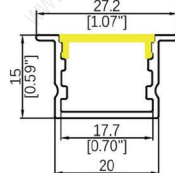
**AEF-WL2010A**  
Length: 3.06M  
Diffuser: Silicone  
Down Light R>180mm  
Inward or Outward  
Light R>150mm



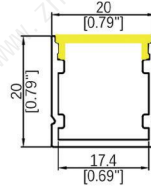
**AEF-WL2010B**  
Length: 3.06M  
Diffuser: Silicone  
Down Light R>180mm  
Inward or Outward  
Light R>150mm



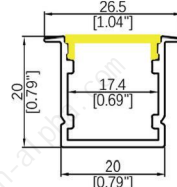
**AEF-WL2015A**  
Length: 3.06M  
Diffuser: Silicone  
Down Light R>180mm  
Inward or Outward  
Light R>150mm



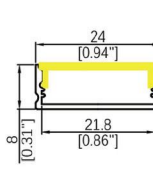
**AEF-WL2015B**  
Length: 3.06M  
Diffuser: Silicone  
Down Light R>180mm  
Inward or Outward  
Light R>150mm



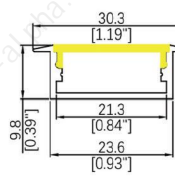
**AEF-WL2020A**  
Length: 3.06M  
Diffuser: Silicone  
Down Light R>150mm  
Inward or Outward  
Light R>120mm



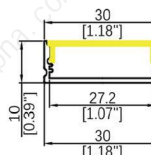
**AEF-WL2020B**  
Length: 3.06M  
Diffuser: Silicone  
Down Light R>150mm  
Inward or Outward  
Light R>120mm



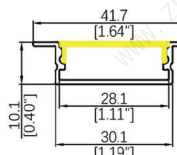
**AEF-WL2410A**  
Length: 3.06M  
Diffuser: Silicone  
Down Light R>300mm  
Inward or Outward  
Light R>150mm



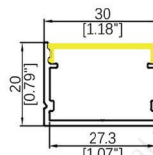
**AEF-WL2410B**  
Length: 3.06M  
Diffuser: Silicone  
Down Light R>300mm  
Inward or Outward  
Light R>150mm



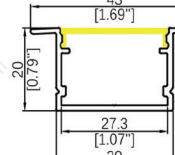
**AEF-WL3010A**  
Length: 3.06M  
Diffuser: Silicone  
Down Light R>300mm  
Inward or Outward  
Light R>150mm



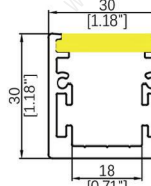
**AEF-WL3010B**  
Length: 3.06M  
Diffuser: Silicone  
Down Light R>300mm  
Inward or Outward  
Light R>150mm



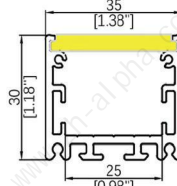
**AEF-WL3020A**  
Length: 3.06M  
Diffuser: Silicone  
Down Light R>300mm  
Inward or Outward  
Light R>200mm



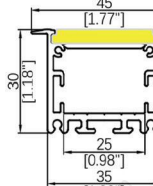
**AEF-WL3020B**  
Length: 3.06M  
Diffuser: Silicone  
Down Light R>400mm  
Inward or Outward  
Light R>200mm



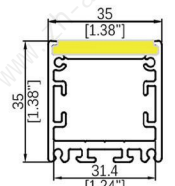
**AEF-WL3030**  
Length: 2.9/3.6/4.1M  
Diffuser: Silicone/PP  
Down Light R>260mm  
Inward Light R>150mm



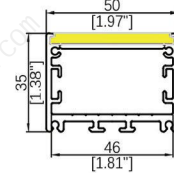
**AEF-WL3530**  
Length: 3.3M  
Diffuser: Silicone/PP  
Down Light R>300mm  
Inward Light R>200mm



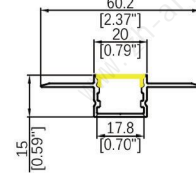
**AEF-WL3530B**  
Length: 3.3M  
Diffuser: Silicone/PP  
Down Light R>300mm  
Inward Light R>200mm



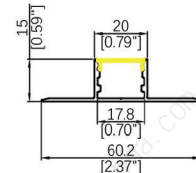
**AEF-WL3535**  
Length: 2.9/3.3M  
Diffuser: Silicone/PP  
Down Light R>300mm  
Inward Light R>200mm



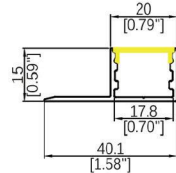
**AEF-WL5035**  
Length: 3.3M  
Diffuser: Silicone/PP  
Down Light R>500mm



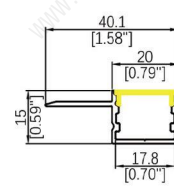
**AEF-WL326**  
Length: 3.06M  
Diffuser: Silicone  
Down Light R>700mm  
Inward or Outward  
Light R>300mm



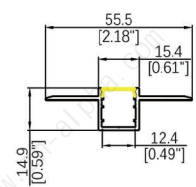
**AEF-WL326A**  
Length: 3.06M  
Diffuser: Silicone  
Down Light R>700mm  
Inward or Outward  
Light R>300mm



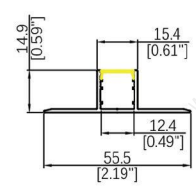
**AEF-WL326B**  
Length: 3.06M  
Diffuser: Silicone  
Down Light R>450mm



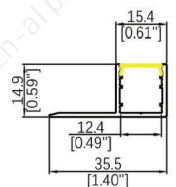
**AEF-WL326C**  
Length: 3.06M  
Diffuser: Silicone  
Down Light R>350mm



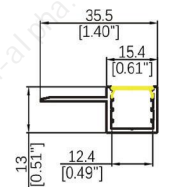
**AEF-WL327**  
Length: 3.06M  
Diffuser: Silicone  
Down Light R>500mm  
Inward or Outward  
Light R>200mm



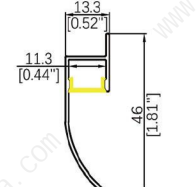
**AEF-WL327A**  
Length: 3.06M  
Diffuser: Silicone  
Down Light R>500mm  
Inward or Outward  
Light R>200mm



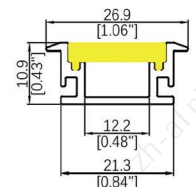
**AEF-WL327B**  
Length: 3.06M  
Diffuser: Silicone  
Down Light R>300mm



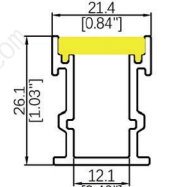
**AEF-WL327C**  
Length: 3.06M  
Diffuser: Silicone  
Down Light R>300mm



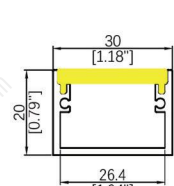
**AEF-WL1346**  
Length: 1/2/3M  
Diffuser: Silicone  
Inward or Outward  
Light R>300mm



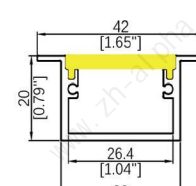
**AEF-WL201**  
Length: 3.06M  
Diffuser: PP  
Down Light R>300mm



**AEF-WL210**  
Length: 3.06M  
Diffuser: PP  
Down Light R>300mm

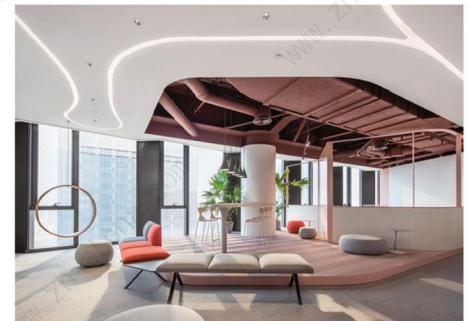


**AEF-WL246**  
Length: 3.06M  
Diffuser: PP  
Down Light R>300mm



**AEF-WL246A**  
Length: 3.06M  
Diffuser: PP  
Down Light R>350mm

## Curved: Customize



## Linear LED Modules



### Optical Characteristics – CRI > 80

at  $t_p = 50^\circ\text{C}$

#### Dimensions:

WU-M-666: 70x20 mm

WU-M-668: 140x20 mm

WU-M-670: 280x20 mm

WU-M-672: 560x20 mm

Type	Colour (K)	Luminous flux and Efficiency					
		350mA			500mA		
		Voltage DC	lm	lm/W	Voltage DC	lm	lm/W
LED Line SMD Comfort Gen. 2 – W2 L07							
WU-M-666-TC/STC-830	3000	5.6	350	178	5.8	490	168
WU-M-666-TC/STC-840	4000	5.6	370	188	5.8	520	178
WU-M-666-TC/STC-850	5000	5.6	370	188	5.8	520	178
WU-M-666-TC/STC-865	6500	5.6	360	184	5.8	505	173
LED Line SMD Comfort Gen. 2 – W2 L14							
WU-M-668-TC/BC/STC-830	3000	11.2	695	178	11.7	980	168
WU-M-668-TC/BC/STC-840	4000	11.2	735	188	11.7	1035	178
WU-M-668-TC/BC/STC-850	5000	11.2	735	188	11.7	1035	178
WU-M-668-TC/BC/STC-865	6500	11.2	720	184	11.7	1010	173
LED Line SMD Comfort Gen. 2 – W2 L28							
WU-M-670-TC/BC/STC-830	3000	22.4	1395	178	23.3	1960	168
WU-M-670-TC/BC/STC-840	4000	22.4	1475	188	23.3	2070	178
WU-M-670-TC/BC/STC-850	5000	22.4	1475	188	23.3	2070	178
WU-M-670-TC/BC/STC-865	6500	22.4	1440	184	23.3	2020	173
LED Line SMD Comfort Gen. 2 – W2 L56							
WU-M-672-TC/BC/STC-830	3000	44.7	2790	178	46.6	3920	168
WU-M-672-TC/BC/STC-840	4000	44.7	2950	188	46.6	4145	178
WU-M-672-TC/BC/STC-850	5000	44.7	2950	188	46.6	4145	178
WU-M-672-TC/BC/STC-865	6500	44.7	2875	184	46.6	4045	173

3000 K = warm white (WW), 4000 K = neutral white (NW), 5000 K and 6500 K = cool white (CW)

Colour tolerance: 3 MacAdam | \*\* Production tolerance of luminous flux and efficiency:  $\pm 10\%$

## IP65 Linear LED Modules

### Optical Characteristics – CRI > 80

at  $t_p = 50^\circ\text{C}$

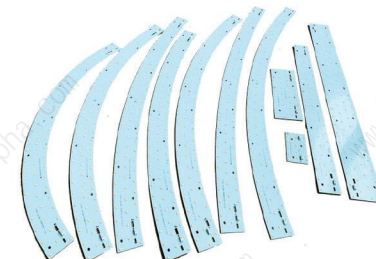
#### Dimensions:

W115\*L1275mm

Type	Colour (K)	Voltage DC	Luminous flux and Efficiency		Colour Tolerance: MacAdam	IP Rating
			800mA			
			lm	lm/W		
115*1275mm 3000lm 830	3000	32-34	2760	105	<5	IP65
115*1275mm 3000lm 840	4000	32-34	2820	107	<5	IP65
115*1275mm 3000lm 850	5000	32-34	2860	108	<5	IP65
115*1275mm 3000lm 865	6500	32-34	2940	111	<5	IP65

3000 K = warm white (WW), 4000 K = neutral white (NW), 5000 K and 6500 K = cool white (CW)

Colour tolerance: 5 MacAdam | \*\* Production tolerance of luminous flux and efficiency:  $\pm 10\%$



### LED Module for W80mm Circular profile

Profile Diameter(mm)	1000mm	1400mm	1800mm	2050mm	2200mm	2500mm	3600mm
Arc length(mm)	1/4	1/5	1/6	1/8	1/8	1/8	1/12
Power(W)	11.2	13.5	6	13.5	13.5	14.4	14.4
Input Voltage(V)	45	45	60	54	54	48	48
Input Current(mA)	250	300	100	250	250	300	300
Light Output(lm)	1344	1620	720	1620	1620	1728	1728
Color Temperature(K)	3000K/4000K/5000K/6500K						
CRI	Ra>80/ Ra>90						
LED Type	SMD 2835						
LED Brand	Osram						



## LED Drivers

Whether you need a basic non-dimmable driver, or a driver that will provide smooth and flicker-free dimming, Alpha has you covered with some of the most trusted brands in the industry.

### Constant Current



Series: EasyLine DIP switch L 120 V  
Mains voltage: 120–277 V  $\pm 10\%$   
Voltage output: 40–240V  
Size: 280x30x21mm  
IP20, Protection class I



Series: ComforLine DIP Switch L  
Mains voltage: 220–240 V  $\pm 10\%$   
Voltage output: 198–264V  
Dimming range: 1 to 100 %  
Size: 280x30x21mm  
IP20, Protection class I

### Constant Voltage



Series: LRS  
Max output(W): 50/75/100/150/350W  
Mains voltage: 100V–264V/AC  
Voltage output: DC12/24/48V  
IP20, Protection class I

## Controller



Blu2Light is a wireless light management system based on Bluetooth® MESH technology.

It enables convenient, simple and wireless lighting control via apps using mobile devices. In that way, connectivity of DALI, DMX, LED drivers, sensors and room control can be realised.

Using a gateway and an open protocol, the system can be used for a wide range of IoT applications.

## Luminaire System

Standard lighting fixtures, equipped with rigid LED light source, endcaps and a wire suspension system. Each of below modules can function as independant lighting fixture, also can be combined into any configuration. Installation is easy and requires no special tools. Each module has a suspension height adjustment. Lighting fixtures are designed for main or decorative lighting inside buildings.

### General Specification

Finish: Black, White or Customized

Material: Extruded 6063 Aluminum

Diffuser Material: PMMA

Mouting Type: Suspended, steel wire

Suspension height adjustment: Yes

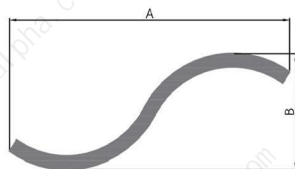
IP protection rating: IP20

### Electrical Specification

Color Temperature: 3000K/4000K/5000K/6500K

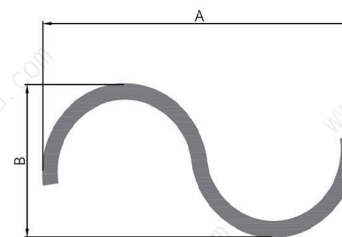
CRI: Ra>80/ Ra>90

Dimming: DALI, 0-10v or Non-dimming



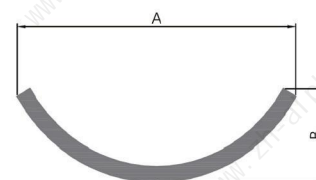
WAVE-01

Luminous Flux of the Fixture	1870lm
Maximum Luminous Efficacy	85lm/W
Power	22W
Length(A)	1100mm
Width(B)	427mm
Profile Dimensions	W50xH75mm



WAVE-02

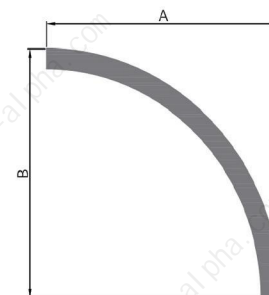
Luminous Flux of the Fixture	2465lm
Maximum Luminous Efficacy	85lm/W
Power	29W
Length(A)	1144mm
Width(B)	522mm
Profile Dimensions	W50xH75mm



WAVE-03

3pcs to have a D1800mm Circular

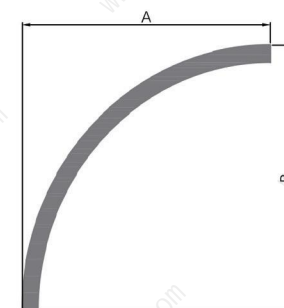
Luminous Flux of the Fixture	2465lm
Maximum Luminous Efficacy	85lm/W
Power	29W
Length(A)	1559mm
Width(B)	490mm
Profile Dimensions	W80xH75mm



WAVE-04

4pcs to have a D2050mm Circular

Luminous Flux of the Fixture	2040lm
Maximum Luminous Efficacy	85lm/W
Power	24W
Length(A)	1025mm
Width(B)	1025mm
Profile Dimensions	W80xH75mm

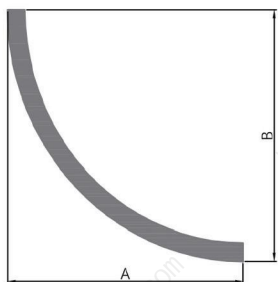


WAVE-05

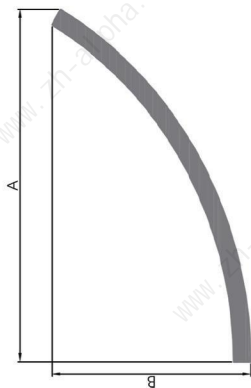
4pcs to have a D2200mm Circular

Luminous Flux of the Fixture	2550lm
Maximum Luminous Efficacy	85lm/W
Power	30W
Length(A)	1250mm
Width(B)	1250mm
Profile Dimensions	W80xH75mm

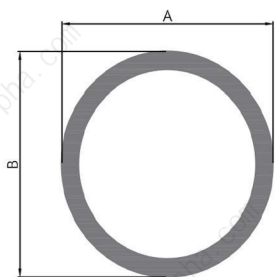




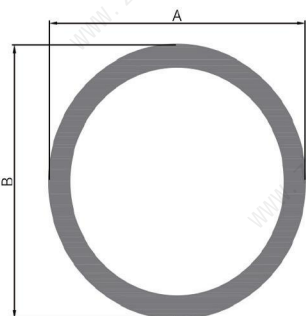
<b>WAVE-06</b> 4pcs to have a D2500mm Circular	
Luminous Flux of the Fixture	2210m
Maximum Luminous Efficacy	85lm/W
Power	26W
Length(A)	1100mm
Width(B)	1100mm
Profile Dimensions	W80xH75mm



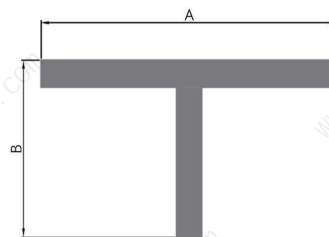
<b>WAVE-07</b> 6pcs to have a D3600mm Circular	
Luminous Flux of the Fixture	2465m
Maximum Luminous Efficacy	85lm/W
Power	29W
Length(A)	1559mm
Width(B)	940mm
Profile Dimensions	W80xH75mm



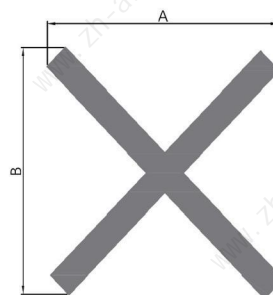
<b>CIRCULAR-01</b>	
Luminous Flux of the Fixture	3910m
Maximum Luminous Efficacy	85lm/W
Power	46W
Length(A)	1000mm
Width(B)	1000mm
Profile Dimensions	W80xH75mm



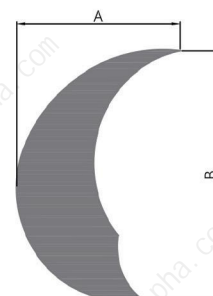
<b>CIRCULAR-02</b>	
Luminous Flux of the Fixture	5610lm
Maximum Luminous Efficacy	85lm/W
Power	66W
Length(A)	1400mm
Width(B)	1400mm
Profile Dimensions	W80xH75mm



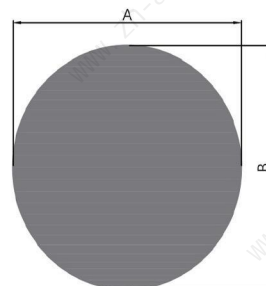
<b>LINEAR-01</b>	
Luminous Flux of the Fixture	1425lm
Maximum Luminous Efficacy	95lm/w
Power	15W
Length(A)	560mm
Width(B)	314mm
Profile Dimensions	W48xH78mm



<b>LINEAR-02</b>	
Luminous Flux of the Fixture	1900lm
Maximum Luminous Efficacy	95lm/W
Power	20W
Length(A)	437mm
Width(B)	437mm
Profile Dimensions	W48xH78mm



<b>MOON-01</b>	
Luminous Flux of the Fixture	1200lm
Maximum Luminous Efficacy	80lm/W
Power	15W
Length(A)	311mm
Width(B)	445mm



<b>BUBBLE-01</b>	
Luminous Flux of the Fixture	960lm
Maximum Luminous Efficacy	80lm/w
Power	12W
Length(A)	200mm
Width(B)	200mm