

*Innovative
in LED optical Engineering
and Manufacturing Services*

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Asahi Optics Limited has been specializing in LED optics since 2010, and providing an integrated one stop service including optical design, tooling design, tooling making, precision injection and sales.

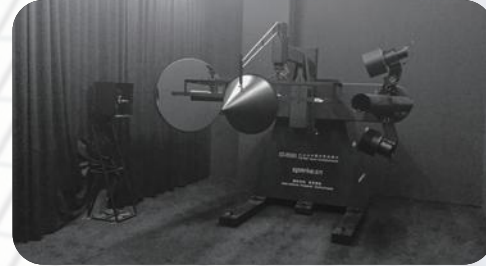
We are listed as national high-tech enterprise and cooperate with CREE, CITIZEN, OSRAM, LUMILEDS, NICHIA Etc. in the area of optical engineering and technology development.

Products are being used in a wide range of areas, Indoor Lighting (MR16,PAR light,stage light,etc.), Outdoor lighting(street light, high bay light,wall wash light,bill board light, flash light,etc.) as well as the other field special optics such as military industry, aviation industry.

Our products have received many national invention patents and utility model patents.

We continuously produce leading technologies and quality products that have won praise from our loyal customers.





2005 year

Factory established in China in production of plastic parts.

1st non-Japanese owned enterprise to be able to enter the Japanese Market for producing plastics housing parts.

Major business is plastic housing parts for mobile phone, computer, camera Etc.

Main customers : Sony, Sharp, NEC,Nikon, Black berry, Panasonic etc.

2008 year

Successfully entered and maintained long stable business in European and North American Market for plastic housing parts and optical lens over the past years.

2010 year

Became a well-known manufacturer of precision plastic and optical molds in China, with multiple mold processing patent technologies.

Main Customers: Philips,TCP, Osram,TCL,NVC, Sylvania,Flextronic, JABIL.

2014 year

Established an optical research and development center, focusing on technology research and development and the production of optical lenses and lens products, with a number of optical product design invention patents.

year 2015-2020

Obtained ISO9001,IATF 16949 and National Hi-tech Certifications and expanded the product to the automotive field.

Evolved and expanded to a well recognized OEM/ODM in being a precision optics solution provider.

STREET & AREA LIGHTING

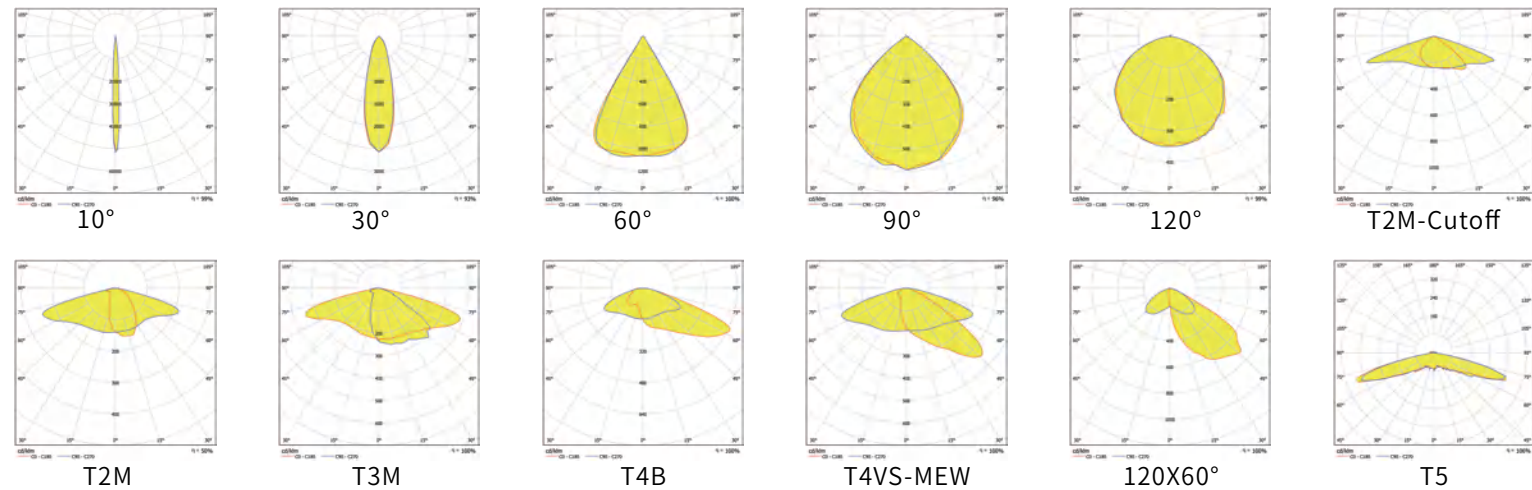


The North American Road Lighting Standards IES Classification—LED Lens series

TYPE II, TYPE III, TYPE IV, and TYPE V are widely used for street lighting and outdoor lighting requirements

The optical light distribution designed by Asahi Optics has been optimized and combined with the road standards of Euro which can achieve the height distance of the road with the height ratio of 6:1 and less backlight of the road, the $U0 > 0.8$, $U0$

Flexible lens module size compatible with different LED sizes to meet the power requirements of different road lighting and



APPLICATION PRODUCTS



Street light



Flood light



Urban light

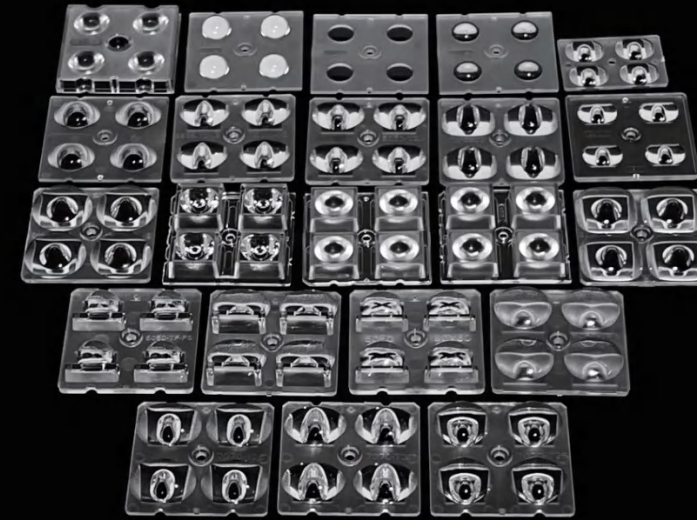


Industrial light

STREET LIGHT LENS

Model	Lens Size (mm)	Material	Beam angle
ARST43D4LED5050T2M-cutoff	30*43	PMMA / PC	T2M-cutoff
ARST50D4LED5050T2M-cutoff	50*50	PMMA / PC	T2M-cutoff
ALHB50D4LED3535T10G	50*50	PMMA	10°
ALHB50D4LED3535T30G	50*50	PMMA	30°
ALHB50D4LED3535T60G	50*50	PMMA	60°
ALHB50D4LED5050T30G	50*50	PC	30°
ALHB50D4LED5050T60G	50*50	PC	60°
ALHB50D4LED5050T90G	50*50	PC	90°
ALHB50D4LED5050T120G	50*50	PC	120°
ALST50D4LED5050T2M	50*50	PMMA	T2M
ALST50D4LEDT2NB	50*50	PMMA	T2NB
ALST50D4LEDT2WB	50*50	PMMA	T2WB
ALST50D4LED5050T3M	50*50	PMMA	T3M
ALST50D4LED5050T8060G	50*50	PC	80°x60°
ALST50D4LED5050T12060G	50*50	PC	120°x60°
ALST50D4LED5050MEW	50*50	PC	T4-Very Short
ALST50D4LED5050T4B	50*50	PC	T4-Very Short
ALST50D4LED5050TF-FS	50*50	PC	T4-Very Short
ALST50D4LEDT5Q	50*50	PC	T5
ALST50D4LEDT5R	50*50	PC	T5 Round beam
ALST50D4LED7070T3M	50*50	PMMA	T3M
ALST50D4LED7070T2S	50*50	PMMA	T2S
ALST50D4LED7070T2VS	50*50	PMMA	T2-Very Short

2X2 LENS 50MM



Compatibility

Up to size of "3030" "3535" "5050" "7070" LEDs package

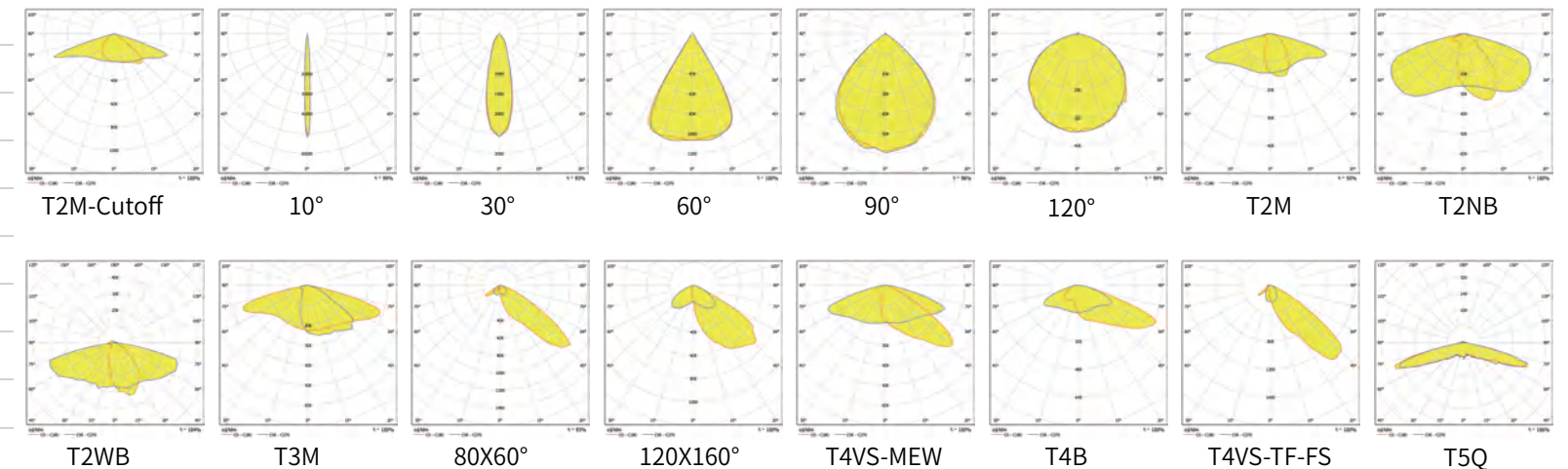
Application:

The 2X2 lens modules with standardized square-shaped (50x50 mm) footprint and common LED positioning amongst the lenses and have designed the widest light distributions for different applications.

Feature:

滚滚长江东逝水

The 2X2 lens modules keep developing the new optical diagram customers can rest assured that uminaires will stay up-to-date regardless of future LED developments.



STREET LIGHT LENS



Model	Beam angle
ARST50D6LED5050T2M-cutoff	T2M-cutoff
ARST62D6LED5050T2M-cutoff	T2M-cutoff
ARST50D6LED5050T2W	T2W
ARST50D6LED5050T3W	T3W
ALHB50D6LED5050T30G	30°
ALHB50D6LED5050T60G	60°
ALHB50D6LED5050T90G	90°
ALHB50D6LED5050T120G	120°

2X3 LENS 50MM

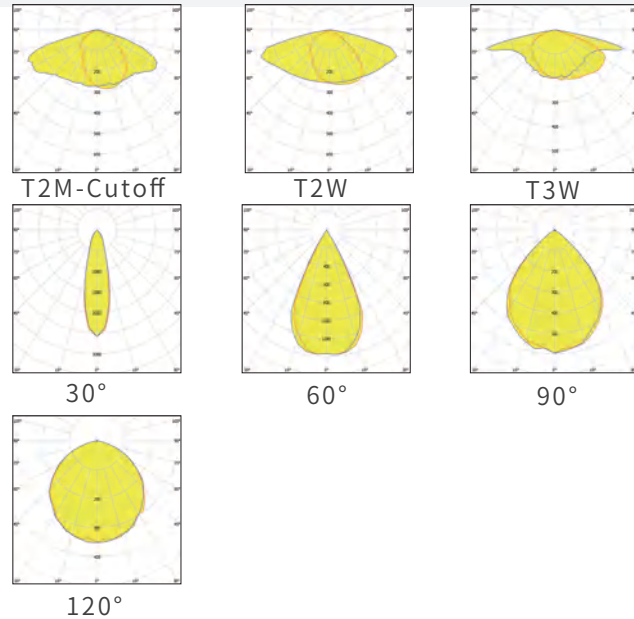
Compatibility

Up to size of "3030" "5050" "7070" LEDs package

Application:

The 2X3 lens is the latest addition to the 2x2 lens module, in the same size of 50x50mm and with increased power lumens. The 2x3 lens is designed for the most common lighting applications as street light and high bay light.

Feature:



Model	Beam angle
ARST50D8LED5050T2M-cutoff	T2M-cutoff
ALST50D8LED3535T2M	T2M
ALST50D8LED5050T2M	T2M
ALST50D8LED5050T3M	T3M
ALST50D8LED5050T3VS	T3VS
ALHB50D8LED5050T60G	60°
ALHB50D8LED5050T90G	90°
ALHB50D8LED5050T120G	120°

8LED LENS 50MM

Compatibility

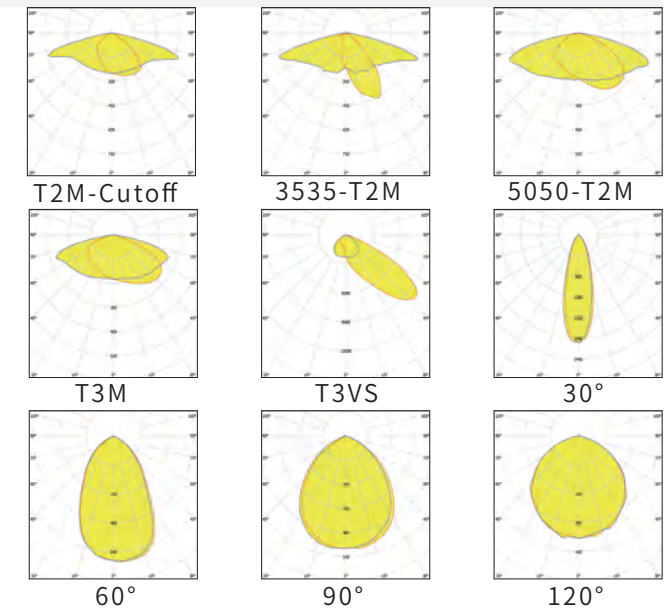
8LEDS lens 50mm
8LEDS Lens is Compatible With Different LED Size: "3030" "3535" "5050"

Application:

The 8LED modular product family designed for industrial lighting, street lighting, area lighting, architecture lighting, sports stadium lighting.

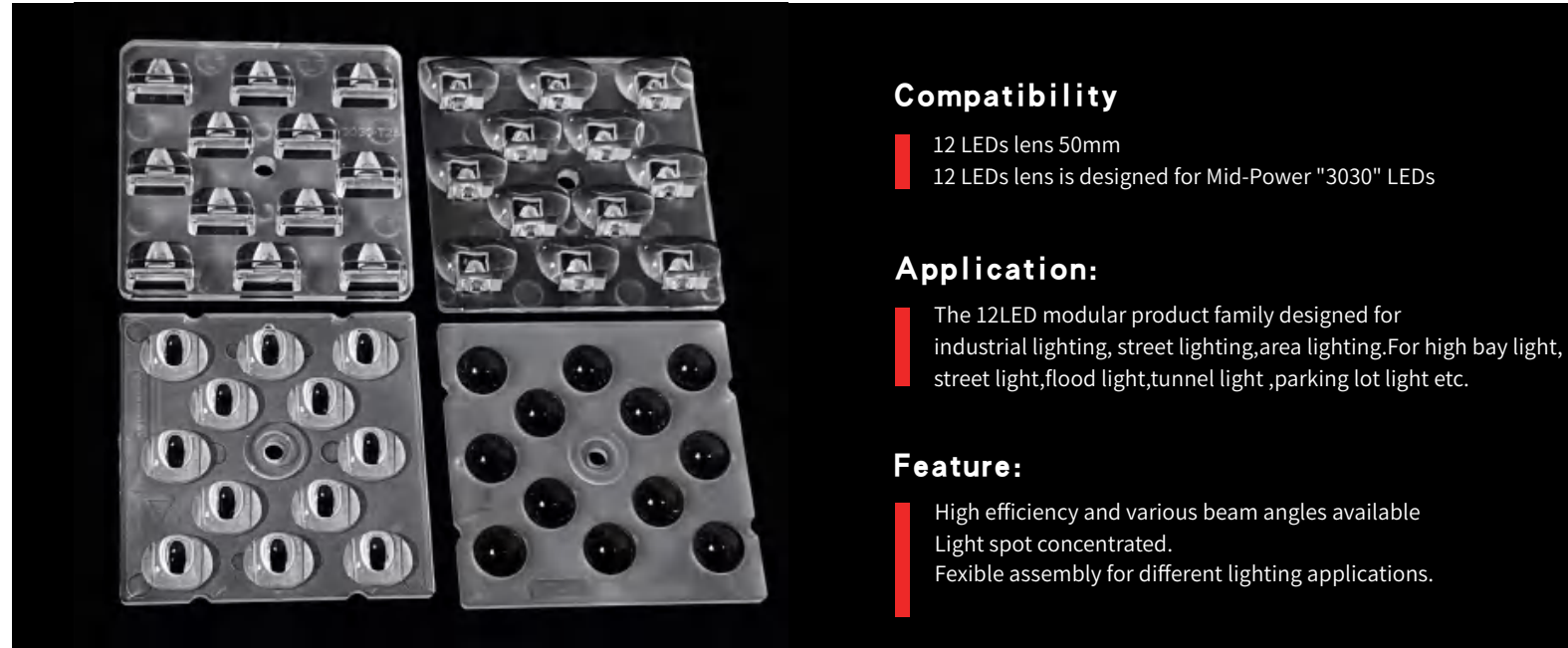
Feature:

High efficiency and various beam angles available. Flexible assembly for different lighting application. Suitable for street light, high bay light, tunnel light, stadium light, flood light etc.



STREET LIGHT LENS

12LED LENS 50MM



Compatibility

12 LEDs lens 50mm
12 LEDs lens is designed for Mid-Power "3030" LEDs

Application:

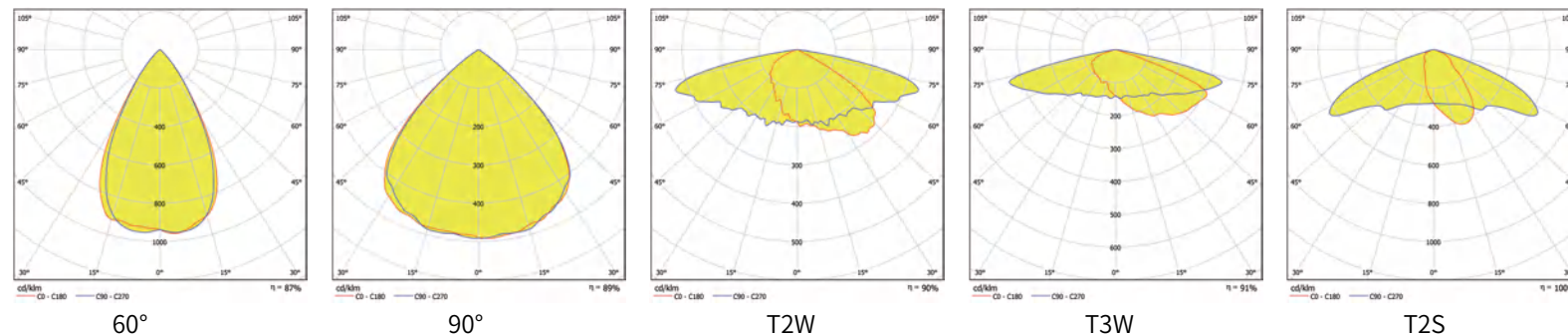
The 12LED modular product family designed for industrial lighting, street lighting, area lighting. For high bay light, street light, flood light, tunnel light, parking lot light etc.

Feature:

High efficiency and various beam angles available
Light spot concentrated.
Flexible assembly for different lighting applications.

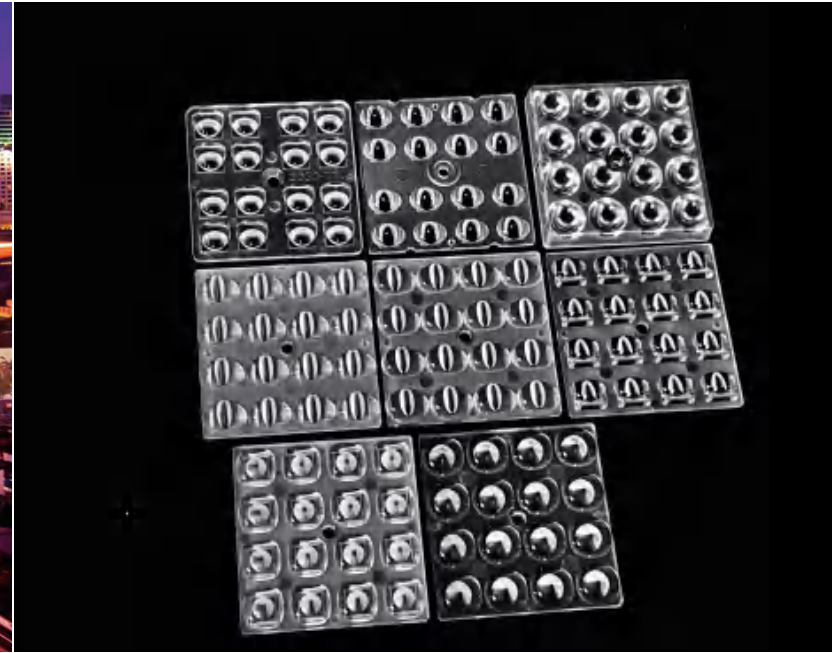


LIGHT DISTRIBUTION DIAGRAM



Model	Lens Size (mm)	Material	Beam angle
ALHB50D12LED3030T60G	50*50	PC	60°
ALHB50D12LED3030T90G	50*50	PC	90°
ALST50D12LED3030T2W	50*50	PC	T2W
ALST50D12LED3030T3W	50*50	PC	T3W
ALST50D12LED3030T2S	50*50	PMMA / PC	T2S

STREET LIGHT LENS



16LED LENS 50MM

Compatibility

- 16 LEDs lens 50mm
- 16 LEDs lens is designed for Mid-Power "3030" LEDs

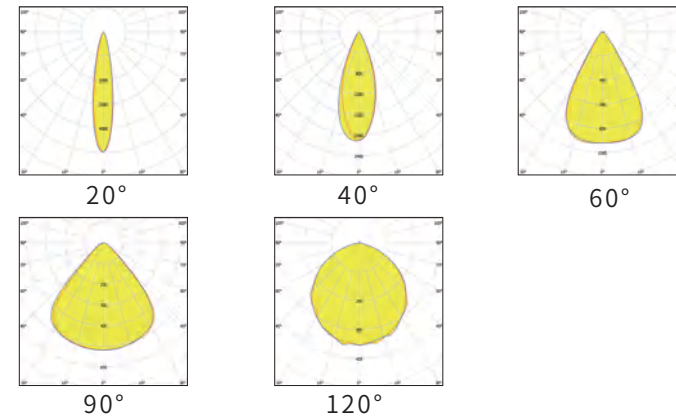
Application:

- The 16LED modular product family designed for industrial lighting, street lighting, area lighting. For high bay light street light, flood light, tunnel light, parking lot light etc.

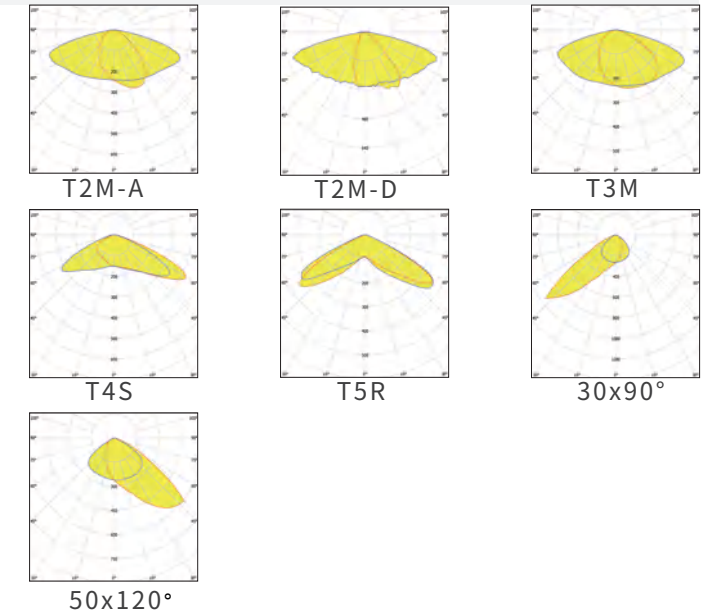
Feature:

- Various beam angle for wide area lighting solutions.
- High efficiency by PC material.
- Compatible with various brands of "3030" LED.
- Less screws and easy assembly.

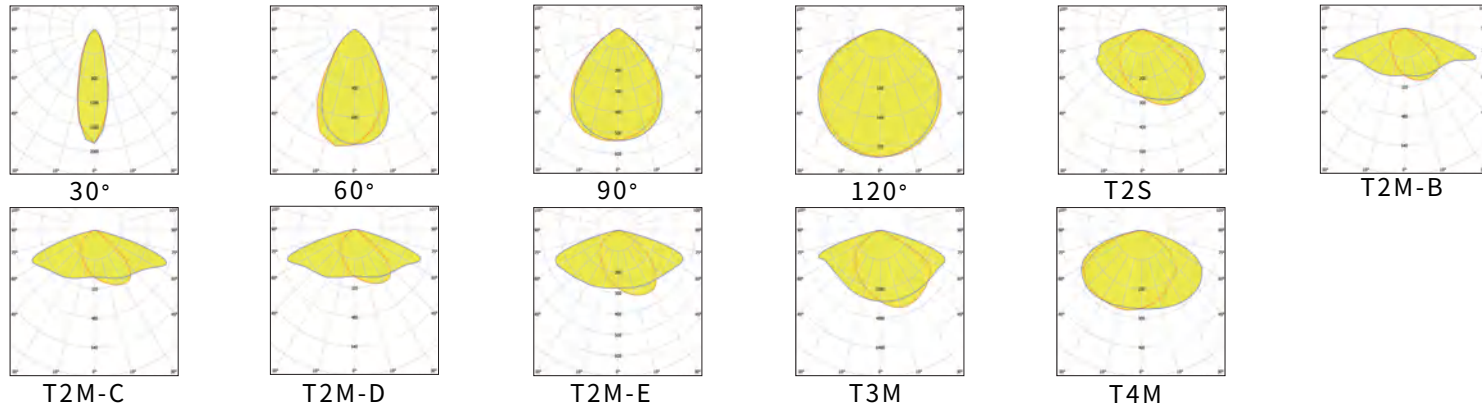
Model	Beam angle
ALHB50D16LED20G	20°
ALHB50D16LED40G	40°
ALHB50D16LED60G	60°
ALHB50D16LED90G	90°
ALHB50D16C1-120G	120°



Model	Beam angle
ALST50D16LEDT2M-A	T2M-A
ALST50D16LEDT2M-D	T2M-D
ALST50D16LEDT3M	T3M
ALST50D16LEDT4S	T4S
ALST50D16LEDT5R	T5R
ALST50D16LED3090G	30X90°
ALST50D16LED50120G	50X120°

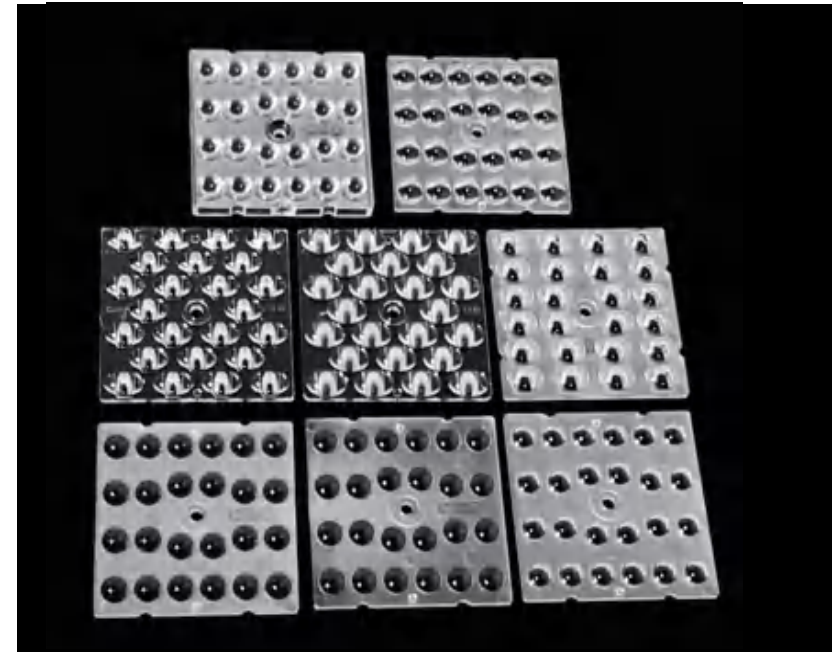


STREET LIGHT LENS



Model	Lens Size (mm)	Material	Beam angle
ALHB50D24LEDT30	50*50	PC	30°
ALHB50D24LEDT60	50*50	PC	60°
ALHB50D24LEDT90	50*50	PC	90°
ALHB50D24LEDT120	50*50	PC	120°
ALST50D24LEDT2S	50*50	PC	T2S
ALST50D24LEDT2M-B	50*50	PC	T2M-B
ALST50D24LEDT2M-C	50*50	PC	T2M-C
ALST50D24LEDT2M-D	50*50	PC	T2M-D
ALST50D24LEDT2M-E	50*50	PC	T2M-E
ALST50D24LEDT3M	50*50	PC	T3M
ALST50D24LEDT4M	50*50	PC	T4M

24LED LENS 50MM



Compatibility

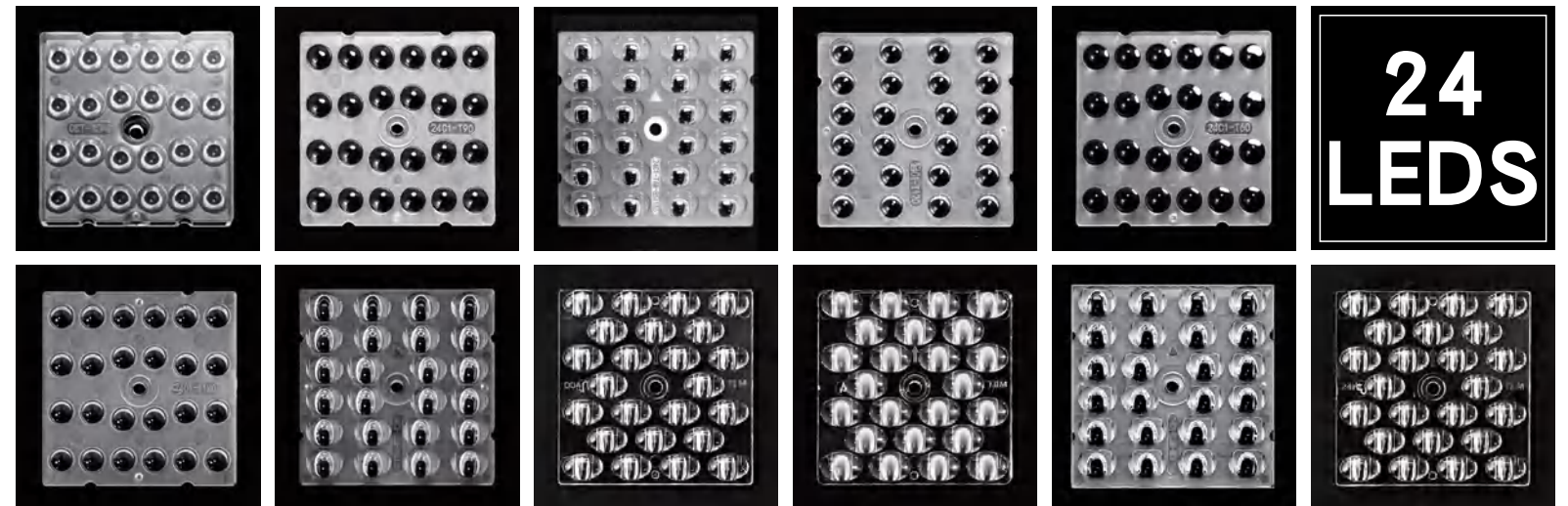
- 24 LEDs lens 50mm
- 24 LEDs lens is designed for Mid-Power "3030" LEDs

Application:

- The 24LED modular product family designed for industrial lighting, street lighting, area lighting. For high bay light street light, flood light, tunnel light, parking lot light etc.

Feature:

- Less screws and easy assembly.
- Various beam angle illuminating wide area.
- Perfect uniformity
- Flexible assembly for different lighting applications.



STREET LIGHT LENS



2X6 LENS IP66 173MM



Compatibility

Compatible with various brands of “3535” “5050” LEDs. Ex: CREE, NICHIA, SAMSUNG, LUMILEDS, SEOUL etc.

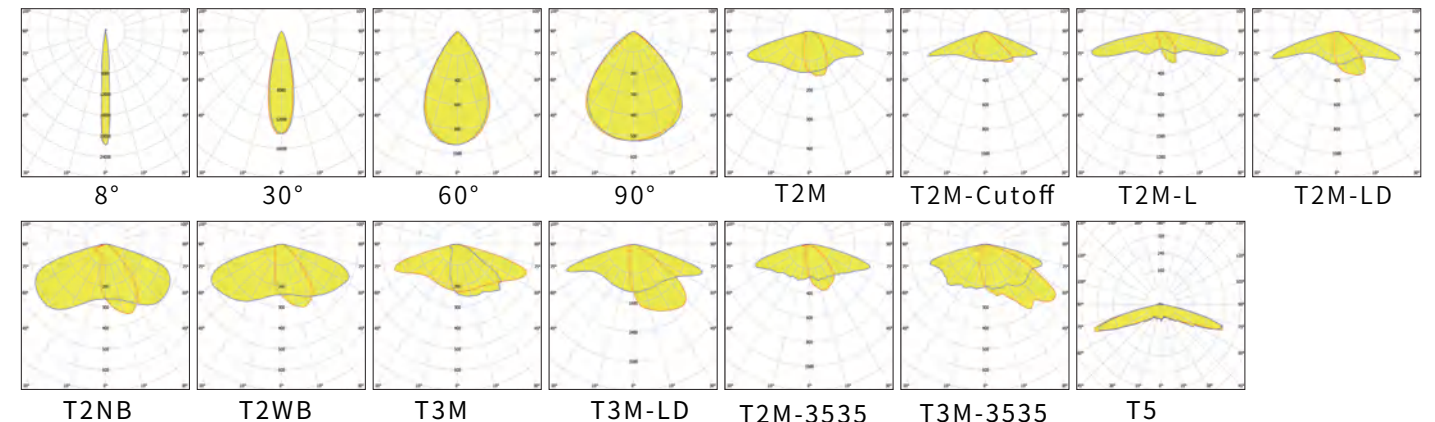
Application:

The 2x6 modular product family with a wide variety of different beams suitable for both outdoor and indoor lighting. Ex: street light, high bay light, garden light, flood light etc.

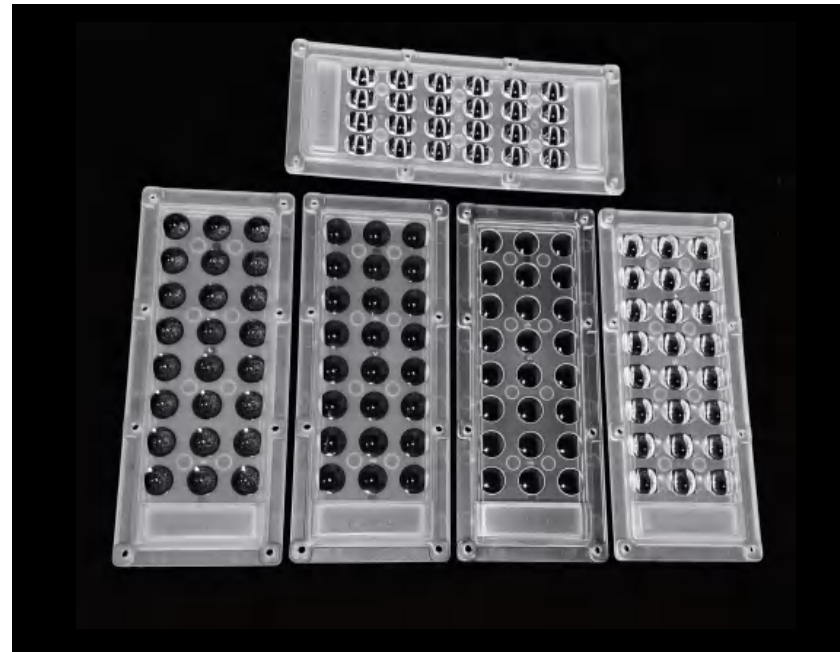
Feature:

High efficiency by PMMA material and luminance uniformity.
Compatible with vertical and horizontal installation
Various beam angle available for different lighting applications.
IP66 protection & high temperature resistance.

Model	Lens Size (mm)	Material	Beam angle
ALHB173D12LED8G	173*71.4	PMMA	8°
ALHB173D12LED30G	173*71.4	PC	30°
ALHB173D12LED60G	173*71.4	PMMA	60°
ALHB173D12LED90G	173*71.4	PMMA	90°
ALST173D12LED5050T2M	173*71.4	PMMA	T2M
ALST173D12LED5050T2M-cutoff	173*71.4	PMMA	T2M-Cutoff
ALST173D12LED5050T2M-L	173*71.4	PMMA	T2M-L
ALST173D12LEDT2NB	173*71.4	PMMA	T2NB
ALST173D12LEDT2NB-H	173*71.4	PMMA	T2NB-H
ALST173D12LEDT2WB	173*71.4	PMMA	T2WB
ALST173D12LEDT2WB-H	173*71.4	PMMA	T2WB-H
ALST173D12LED5050T3M	173*71.4	PMMA	T3M
ALST173D12LED5050T3M-H	173*71.4	PMMA	T3M-H
ALST173D12LED3535T2M	173*71.4	PMMA	T2M
ALST173D12LED3535T2M-H	173*71.4	PMMA	T2M-H
ALST173D12LED3535T3M	173*71.4	PMMA	T3M
ALST173D12LEDT5	173*71.4	PC	T5



STREET LIGHT LENS



3X8 LENS IP66 173MM

Compatibility

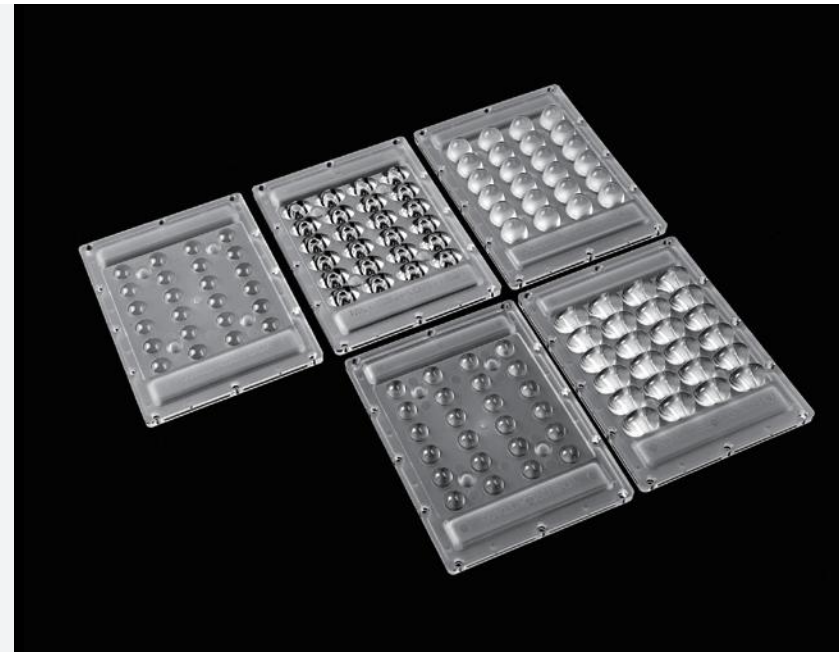
3X8 LED lens 173mm
Up to "2835" "3030" "5050" size LED package.

Application:

The 3x8 modular product family is designed for outdoor car park lighting, street lighting (Type II medium) and indoor high bay lighting (30° 60° 90°).

Feature:

High efficiency and powerful lumen output.
Various beam angle with IP66 waterproof resistance.
Compatible with different sizes and quantities of LED such as 2x2835/2x3030, 3x2835/3x3030, 4x2835/4x3030 and 5050 LED.



24LED LENS IP66 135MM

Compatibility

24 LEDs lens 173mm
24 LEDs lens is designed for Mid-Power "5050" LEDs

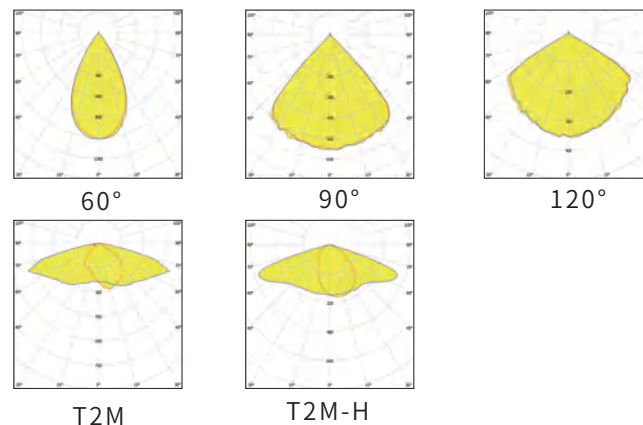
Application:

The 4x6 modular product family designed for industrial lighting (30° 60° 90°), street lighting (Type II medium), indoor linear lighting (30x90°).

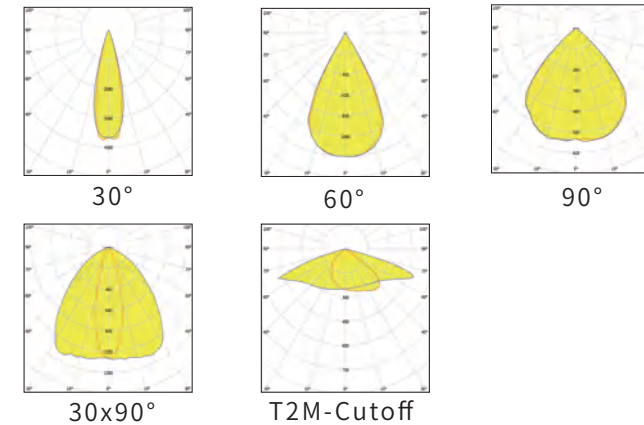
Feature:

Comply with AC/DC power supply.
Easy installation and it can reach to 9000lm.
Compatible with various brands of "3535" "5050" LEDs.
IP66 protection & high temperature resistance.

Model	Beam angle
ALHB173D24LED60G	60°
ALHB173D24LED90G	90°
ALHB173D24LED120G	120°
ALST173D24LEDT2M	T2M
ALST173D24LEDT2M-Horizontal	T2M-H

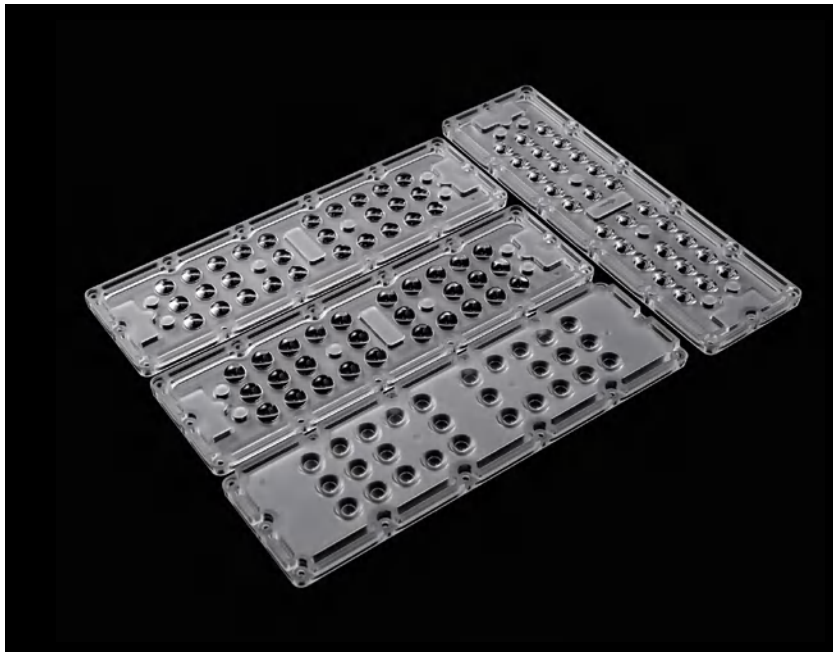


Model	Beam angle
ALHB135D24LED30G	30°
ALHB135D24LED60G	60°
ALHB135D24LED90G	90°
ALHB135D24LED3090G	30*90°
ALHB135D24LEDT2M-cutoff	T2M-cutoff



STREET LIGHT LENS

28LED LENS IP66 236MM



Compatibility

- 28 LEDs lens 236*70mm
- 28 LEDs lens is designed for High-Power "5050" LEDs

Application:

- The linear lens modules adopts a snap-on type which can be recessed mounted, suspended mounted, or surface mounted upon different installing requirements.

Feature:

- 28 LEDs Modular design, Suitable for arbitrary splicing
- The number of LEDs are flexible to fix on the PCB
- ZHAGA standard PCB . Flexible assembly for different lighting application



64LED LENS IP66 236MM

Compatibility

- 64 LEDs lens 236mm
- 64 LEDs lens is designed for Mid-Power "3030" LEDs

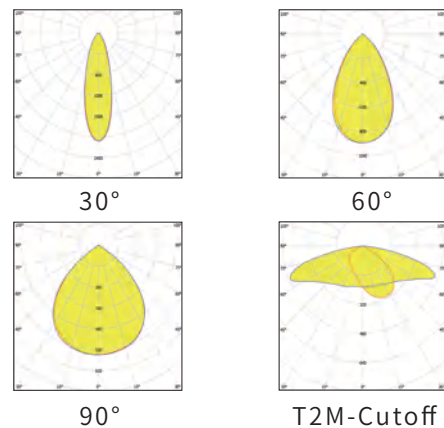
Application:

- The linear lens modules adopts a snap-on type which can be recessed mounted, suspended mounted, or surface mounted upon different installing requirements.

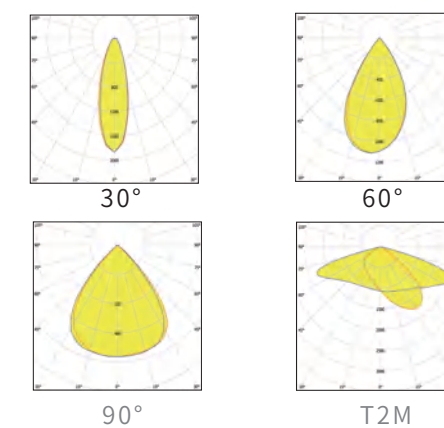
Feature:

- 64 LEDs Modular design, Suitable for arbitrary splicing
- The number of LEDs are flexible to fix on the PCB
- ZHAGA standard PCB . Flexible assembly for different lighting application

Model	Beam angle
ARHB236D28LEDT30	30°
ARHB236D28LEDT60	60°
ARHB236D28LEDT90	90°
ARST236D28LEDT2M-cutoff	T2M-Cutoff

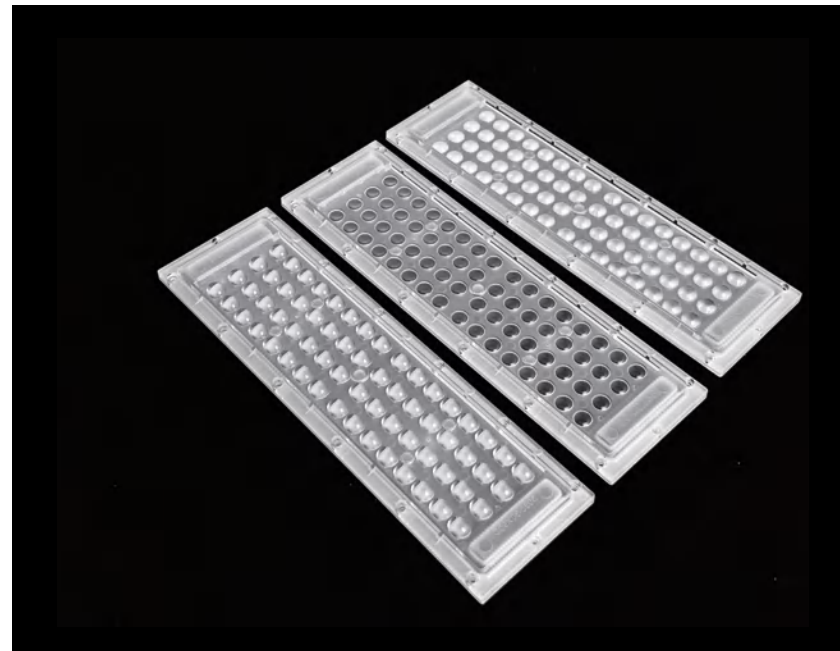


Model	Beam angle
ARHB236D64LEDT30	30°
ARHB236D64LEDT60	60°
ARHB236D64LEDT90	90°
ARST236D64LEDT2M	T2M



STREET LIGHT LENS

64LED LENS IP66 255MM



Compatibility

- 64 LEDs lens 255*75mm
- 64 LEDs lens is designed for Mid-Power "3030" LEDs

Application:

- The linear lens modules adopts a snap-on type which can be recessed mounted, suspended mounted, or surface mounted upon different installing requirements.

Feature:

- 64 Modular design, Suitable for arbitrary splicing
- The number of LEDs are flexible to fix on the PCB
- ZHAGA standard PCB . Flexible assembly for different lighting application



72LED LENS IP66 250MM

Compatibility

- 72 LEDs lens 250*75mm
- 72 LEDs lens is designed for Mid-Power "3030" LEDs

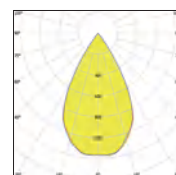
Application:

- The linear lens modules adopts a snap-on type which can be recessed mounted, suspended mounted, or surface mounted upon different installing requirements.

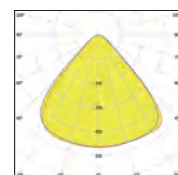
Feature:

- 72 Modular design, Suitable for arbitrary splicing
- The number of LEDs are flexible to fix on the PCB
- ZHAGA standard PCB . Flexible assembly for different lighting application

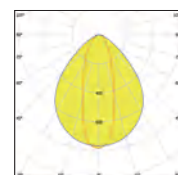
Model	Beam angle
ALHB255D64LED60G	60°
ALHB255D64LED90G	90°
ALHB255D64LED3090G	30*90°



60°

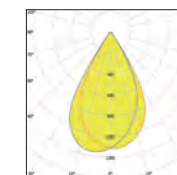


90°

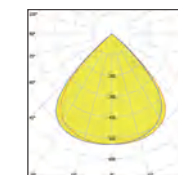


30X90°

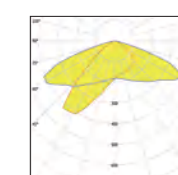
Model	Beam angle
ARHB250D72LEDT60	60°
ARHB250D72LEDT90	90°
ARST250D72LEDT2M	T2M



60°



90°



T2M

STREET LIGHT LENS

90LED LENS IP66 256MM



Compatibility

90LEDs lens IP66 256mm 3030 LED
90 LEDs lens is designed for Mid-Power "3030" LEDs

Application:

The linear lens modules adopts a snap-on type which can be recessed mounted, suspended mounted, or surface mounted upon different installing requirements.

Feature:

90 LEDs Modular design, Suitable for arbitrary splicing
The number of LEDs are flexible to fix on the PCB
ZHAGA standard PCB . Flexible assembly for different lighting application



96LED LENS IP66 520MM

Compatibility

96 LED lens IP66 5050LED High Power Stadium lighting
96 LEDs lens is designed for Mid-Power "5050" LEDs

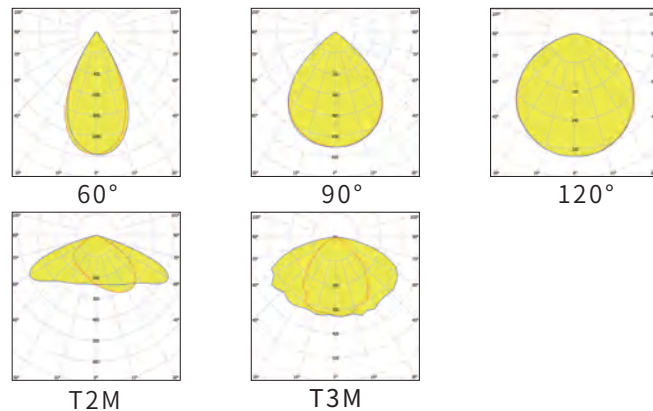
Application:

The linear lens modules adopts a snap-on type which can be recessed mounted, suspended mounted, or surface mounted upon different installing requirements.

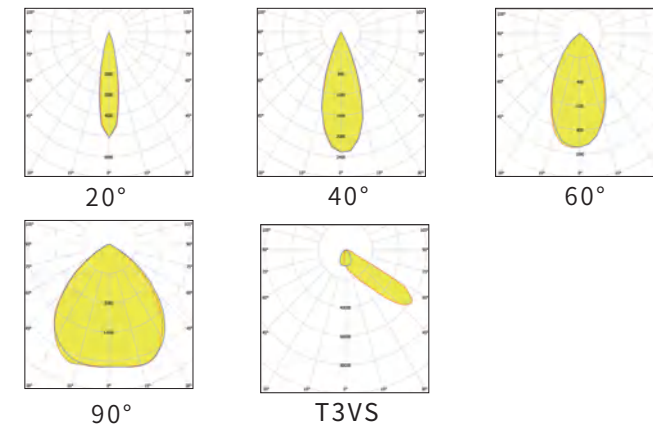
Feature:

96 LEDs Modular design, Suitable for arbitrary splicing
The number of LEDs are flexible to fix on the PCB
ZHAGA standard PCB . Flexible assembly for different lighting application

Model	Beam angle
ARHB256D90LED60G	60°
ARHB256D90LED90G	90°
ARHB256DXXLED120G	120°
ARST256D90LEDT2M	T2M
ARST256D90LEDT3M	T3M



Model	Beam angle
ARHB520D96LED20G	20°
ARHB520D96LED40G	40°
ARHB520D96LED60G	60°
ARHB520D96LED90G	90°
ARST520D96LEDT3VS	T3VS



HIGHT BAY LIGHT LENS

Model	Lens Size (mm)	Beam angle	Model	Lens Size (mm)	Beam angle
			UFO265D60G-200W-B26	184*10.3	60°
UFO184D60G-100W-B26	184*10.3	60°	UFO265D90G-200W-B26	184*10.3	90°
UFO184D90G-100W-B26	184*10.3	90°	UFO265D120G-200W-B26	184*7.69	60°
UFO184D60G-100W-K56	184*7.69	60°	UFO265D60G-200W-K56	184*7.69	90°
UFO184D90G-100W-K56	184*7.69	90°	UFO265D90G-200W-K56	226*6.5	60°
UFO226D60G-150W-K56	226*6.5	60°	UFO265D120G-200W-K56	226*6.5	90°
UFO226D90G-150W-K56	226*6.5	90°	UFO293D90G-200W-K70	226*6.5	120°
UFO226D120G-150W-K56	226*6.5	120°	UFO344D60G-200W-K176	233*8.8	90°
UFO233D90G-100W-K70	233*8.8	90°	UFO344D90G-200W-K176	256*6.69	60°
UFO256D60G-100W-K119	256*6.69	60°	UFO344D120G-200W-K176	256*6.69	90°
UFO256D90G-100W-K119	256*6.69	90°	ALHB195D48LED60G	256*6.69	120°
UFO256D120G-100W-K119	256*6.69	120°	ALHB195D48LED90G	263*10.3	60°
UFO263D60G-150W-B26	263*10.3	60°	ALHB241D72LED60G	263*10.3	90°
UFO263D90G-150W-B26	263*10.3	90°	ALHB241D72LED90G	263*8.8	60°
UFO263D60G-150W-K70	263*8.8	60°	ALHB278D108LED60G	263*8.8	90°
UFO263D90G-150W-K70	263*8.8	90°	ALHB278D108LED90G	263*8.8	90°



HIGHT BAY LIGHT LENS

Compatibility

- 12 LEDs lens 173mm
- 12 LEDs lens is designed for Mid-Power "3030" LEDs

Application:

- The linear lens modules adopts a snap-on type which can be recessed mounted, suspended mounted, or surface mounted upon different installing requirements.

Feature:

- 2x6 Modular design, Suitable for arbitrary splicing
- The number of LEDs are flexible to fix on the PCB
- ZHAGA standard PCB . Flexible assembly for different lighting application



LANDSCAPE LIGHT LENS



AT SERIES



Single lens 16mm

Compatibility

AT Series-Single Lens 16.1mm with white holder.
Compatible with up to "3535" size LED packages.

Application:

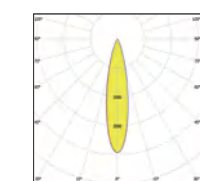
16.1mm TIR-lenses for wall washer lighting, linear lighting, architecture lighting, landscape lighting etc.

Feature:

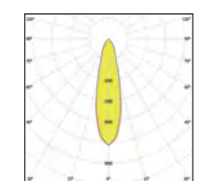
Narrow beam angle
Clear lens surface with high transmittance and efficiency.
Beaded surface with perfect uniformity.



Model	Beam angle
AT16D9H13G	13°
AT16D9H30G	30°



13°



30°

LANDSCAPE LIGHT LENS

AY SERIES LENS 22MM

AX SERIES LENS 22MM



Compatibility

AY Series -21.6mm with square holder + Tape assembly
Compatible with "3535" size LED packages.

Application:

21.6x21.6mm square-shaped lenses for wall washer lighting, landscaping lighting and architecture lighting.

Feature:

Easy assembly by 3M tape
The optical beam angle is very complete to meet the different lighting application.
Narrow beam angle & light spot uniformity.

Compatibility

AX series -Single lens 22mm
with narrow height 9.6mm +Tape assembly

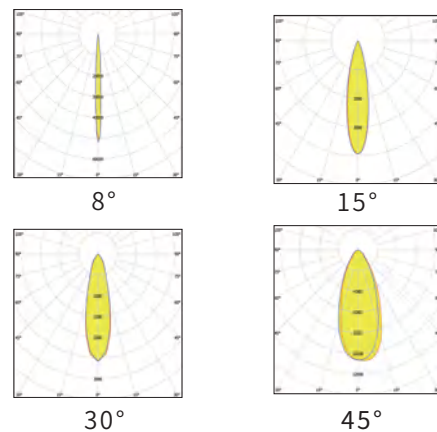
Application:

The linear lens modules adopts a snap-on type which can be recessed mounted, suspended mounted, or surface mounted upon different installing requirements.

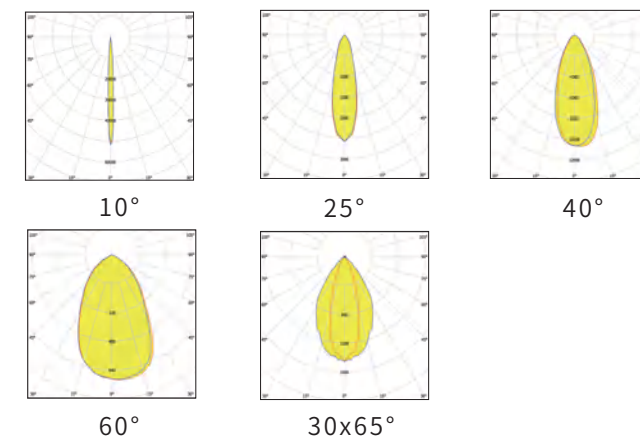
Feature:

96 LEDs Modular design, Suitable for arbitrary splicing
The number of LEDs are flexible to fix on the PCB
ZHAGA standard PCB . Flexible assembly for different lighting application

Model	Beam angle
AY22D13H8G	8°
AY22D13H15G	15°
AY22D13H30G	30°
AY22D13H45G	45°



Model	Beam angle
AX22D9H10G	10°
AX22D9H15G	25°
AX22D9H25G	40°
AX22D9H30G	60°
AX22D9H40G	30x65°



LANDSCAPE LIGHT LENS



AF SERIES LENS 21MM

Compatibility

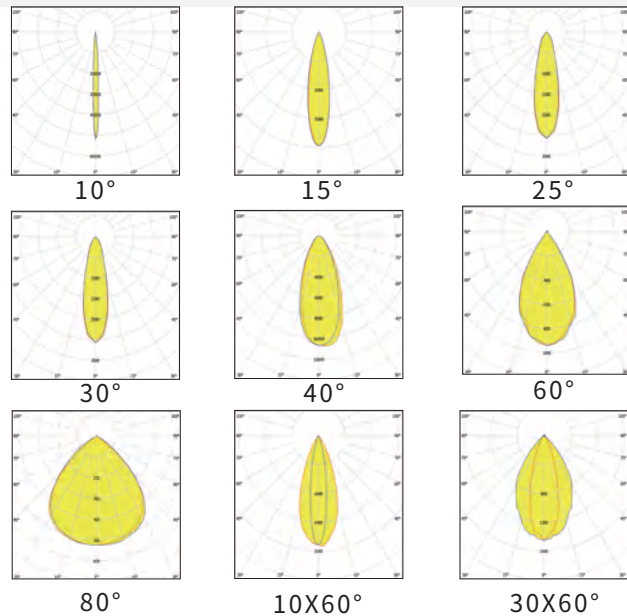
AF series -Single lens 22mm with 3M Tape option

Application:

The linear lens modules adopts a snap-on type which can be recessed mounted, suspended mounted, or surface mounted upon different installing requirements.

Feature:

90 LEDs Modular design, Suitable for arbitrary splicing
The number of LEDs are flexible to fix on the PCB
ZHAGA standard PCB . Flexible assembly for different lighting application



Model	Beam angle
AF21D12H10G	10°
AF21D12H15G	15°
AF21D12H25G	25°
AF21D12H30G	30°
AF21D12H40G	40°
AF21D12H60G	60°
AF21D12H80G	80°
AF21D12H1060G	10X60°
AF21D12H3060G	30X60°



AN SERIES LENS 10MM

Compatibility

AN series -Single lens Narrow size ϕ 10.8 mm with 3M Tape option

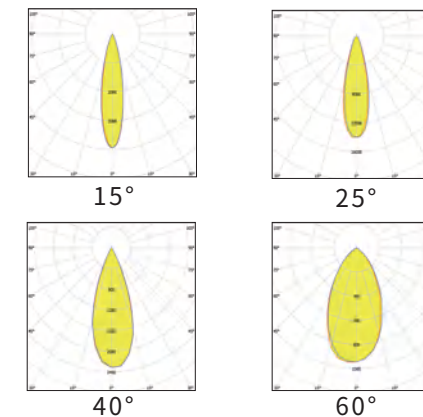
Application:

The linear lens modules adopts a snap-on type which can be recessed mounted, suspended mounted, or surface mounted upon different installing requirements.

Feature:

96 LEDs Modular design, Suitable for arbitrary splicing
The number of LEDs are flexible to fix on the PCB
ZHAGA standard PCB . Flexible assembly for different lighting application

Model	Beam angle
AN10D7H15G	15°
AN10D7H25G	25°
AN10D7H40G	40°
AN10D7H60G	60°



LANDSCAPE LIGHT LENS

AW SERIES LENS 22MM



Compatibility

AW Series- Single lens 22.5mm
Compatible "3030" "3535" "5050" LED

Application:

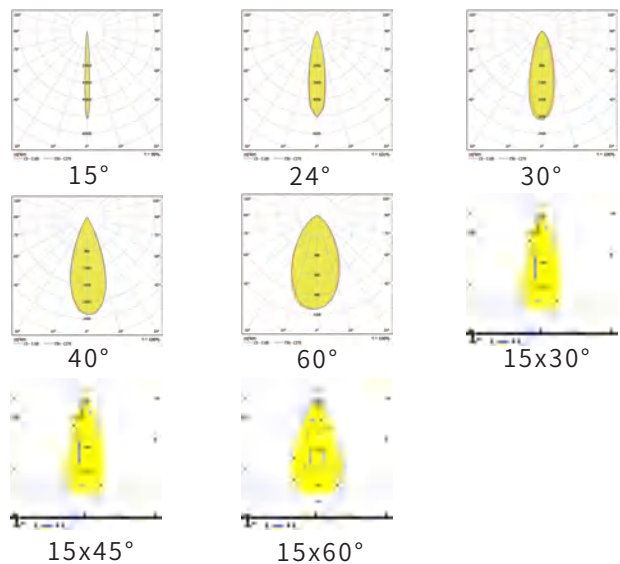
AW Series 22.5mm lenses for wall washer lighting, linear lighting, architecture lighting, landscape lighting etc.

Feature:

Various lens surface and beam angle available.
Clear surface with high efficiency & transmittance.
Beaded surface with perfect uniformity
Striped surface with double angle can meet different lighting application.



Model	Beam angle
AW22D13H15G	15°
AW22D13H24G	24°
AW22D13H30G	30°
AW22D13H40G	40°
AW22D13H60G	60°
AW22D13H1530G	15x30°
AW22D13H1545G	15x45°
AW22D13H1560G	15x60°



LINEAR LIGHT LENS

24LED LENS 40H 280MM



Compatibility

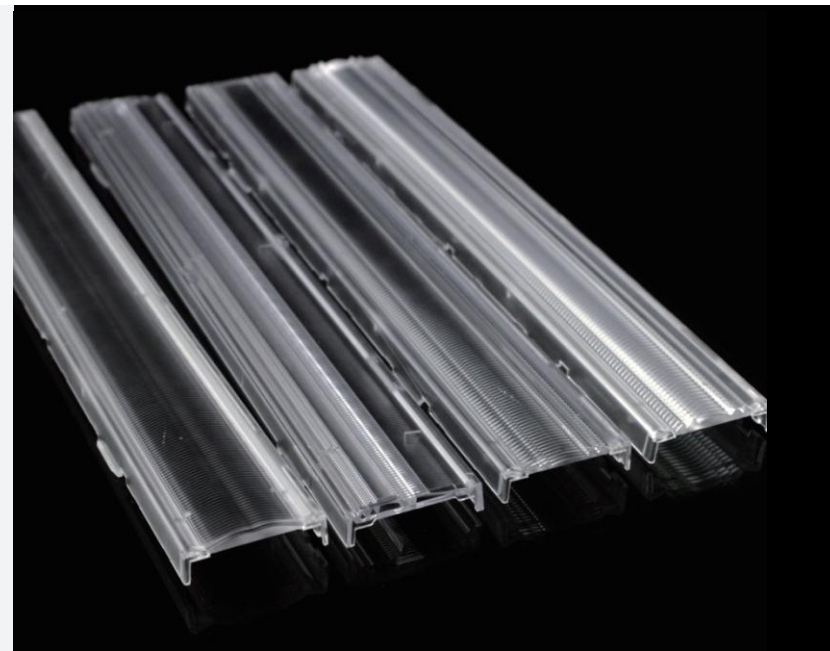
AW Series- Single lens
waterproof one-piece lens 22*13.3mm

Application:

The linear lens modules adopts a snap-on type which can be recessed mounted, suspended mounted, or surface mounted upon different installing requirements.

Feature:

90 LEDs Modular design, Suitable for arbitrary splicing
The number of LEDs are flexible to fix on the PCB
ZHAGA standard PCB . Flexible assembly for different lighting application



Compatibility

AW Series- Single lens
waterproof one-piece lens 22*13.3mm

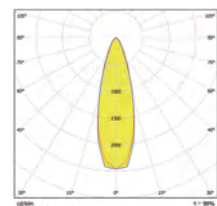
Application:

The linear lens modules adopts a snap-on type which can be recessed mounted, suspended mounted, or surface mounted upon different installing requirements.

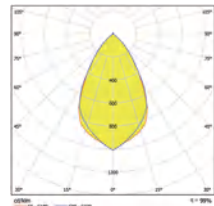
Feature:

90 LEDs Modular design, Suitable for arbitrary splicing
The number of LEDs are flexible to fix on the PCB
ZHAGA standard PCB . Flexible assembly for different lighting application

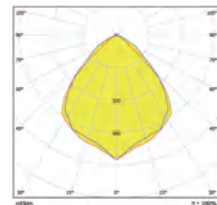
Model	Beam angle	typ.eff
ASL280D40H24LED30G	30°	91.9%
ASL280D40H24LED60G	60°	91.9%
ASL280D40H24LED90G	90°	93.5%



30°

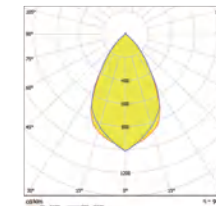


60°

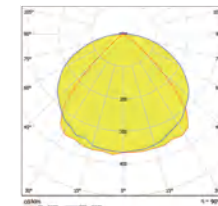


90°

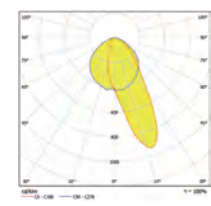
Model	Beam angle
ASL280D40HXXLED60G	60°
ASL280D40HXXLED90G	90°
ASL280D40HXXLEDA25G	Asymmetric 25°
ASL280D40HXXLEDDA25G	Double Asymmetric 25°
ASL280D40HXXLEDA3090G	30x90°



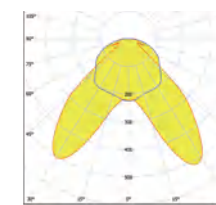
60°



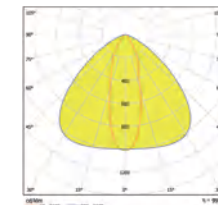
90°



Asymmetric 25°



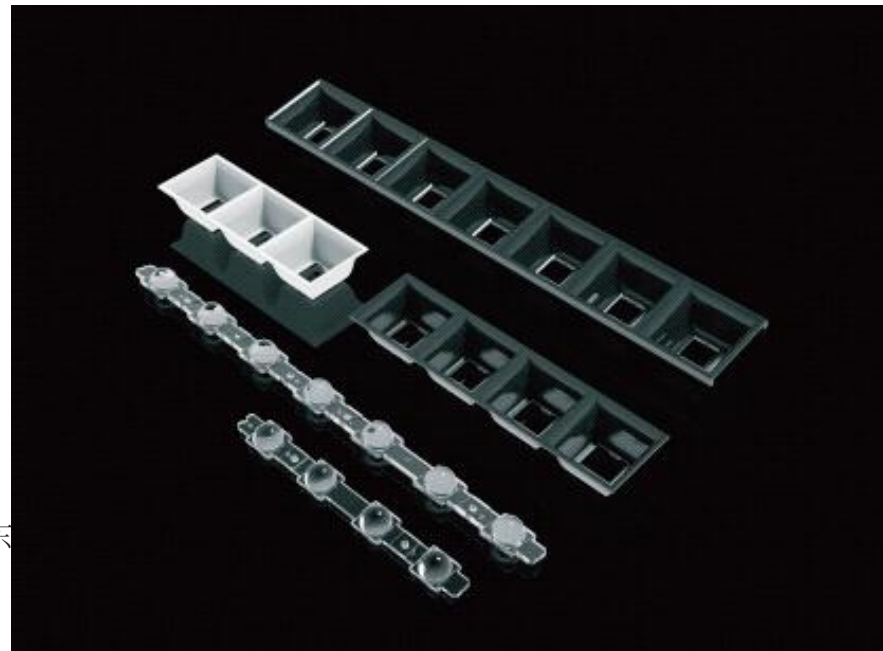
Double Asymmetric 25°



30x90°

LINEAR LIGHT LENS

1X3 1X4 1X7 LINEAR LENS



Compatibility

Optimized for "2835" "3030" and compatibal with up to "5630" "5050" size mid-power LED packages.

Application:

The linear lens arrays are designed for a wide indoor area lighting. For office lighting, retail lighting, supermarket lighting, school and class lighting.

Feature:

Zhaga standard 280x40mm with high efficiency. Perfect uniformity and glare control UGR<19. Black and white shade full of modern and aesthetic sense. Wide beam angle illuminating wide area.



24LED LENS 43H 280MM

Compatibility

AW Series- Single lens waterproof one-piece lens 22*13.3mm

Application:

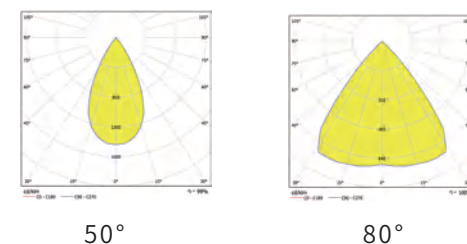
The linear lens modules adopts a snap-on type which can be recessed mounted, suspended mounted, or surface mounted upon different installing requirements.

Feature:

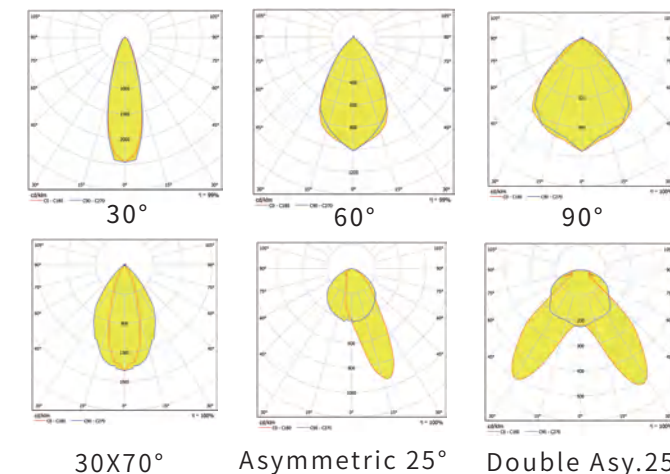
90 LEDs Modular design, Suitable for arbitrary splicing. The number of LEDs are flexible to fix on the PCB. ZHAGA standard PCB. Flexible assembly for different lighting application.

长江东

Model	Beam angle
ASL120D40H3LED50G	50°
ASL120D40H3LED80G	80°
ASL160D40H4LED50G	50°
ASL160D40H4LED80G	80°
ASL280D40H7LED50G	50°
ASL280D40H7LED80G	80°

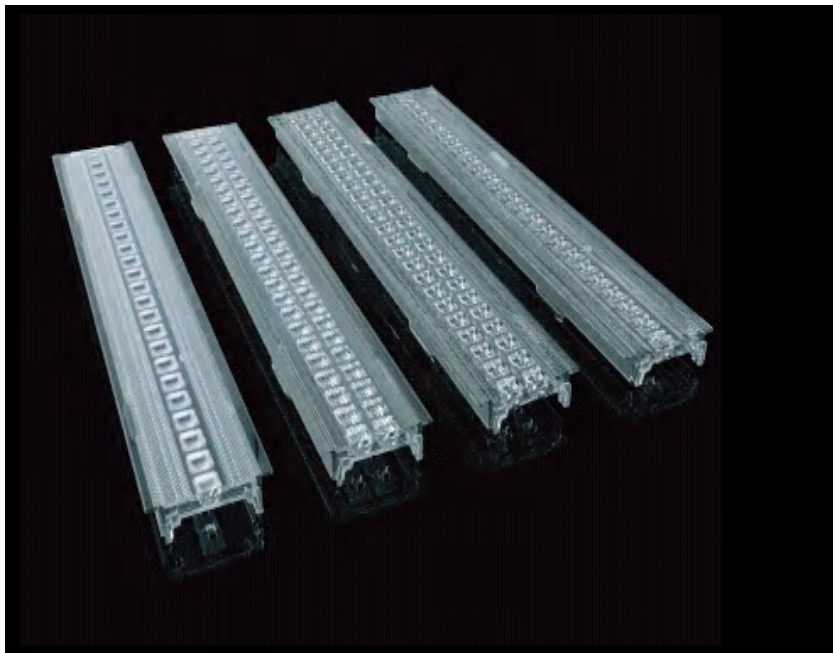


Model	Beam angle
ASL280D43H24LED30G	30°
ASL280D43H24LED60G	60°
ASL280D43H24LED90G	90°
ASL280D43H24LED3070G	30X70°
ASL280D43H24LEDA25G	Asymmetric 25°
ASL280D43H24LEDDA25G	Double Asy.25°



LINEAR LIGHT LENS

24LED LENS 50H 280MM



Compatibility

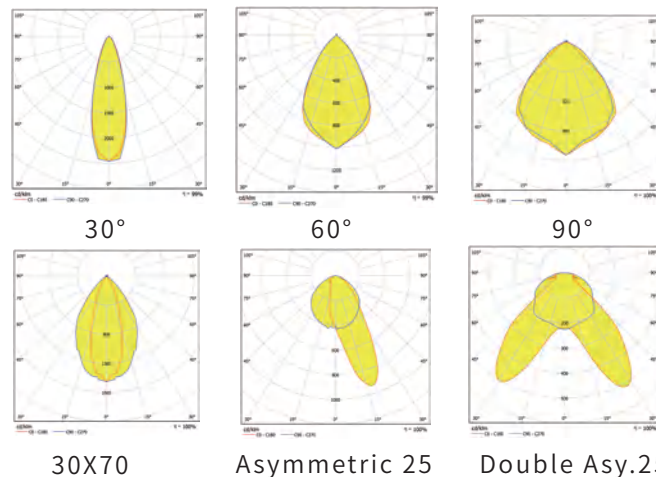
AW Series- Single lens
waterproof one-piece lens 22*13.3mm

Application:

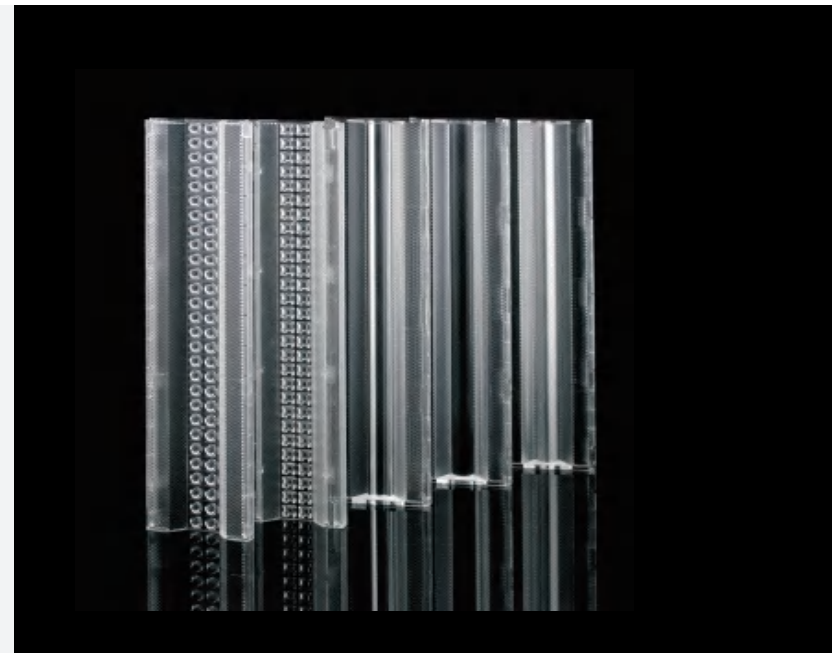
The linear lens modules adopts a snap-on type which can be recessed mounted, suspended mounted, or surface mounted upon different installing requirements.

Feature:

90 LEDs Modular design, Suitable for arbitrary splicing
The number of LEDs are flexible to fix on the PCB
ZHAGA standard PCB . Flexible assembly for different lighting application



56LED LENS 65H 280MM



Compatibility

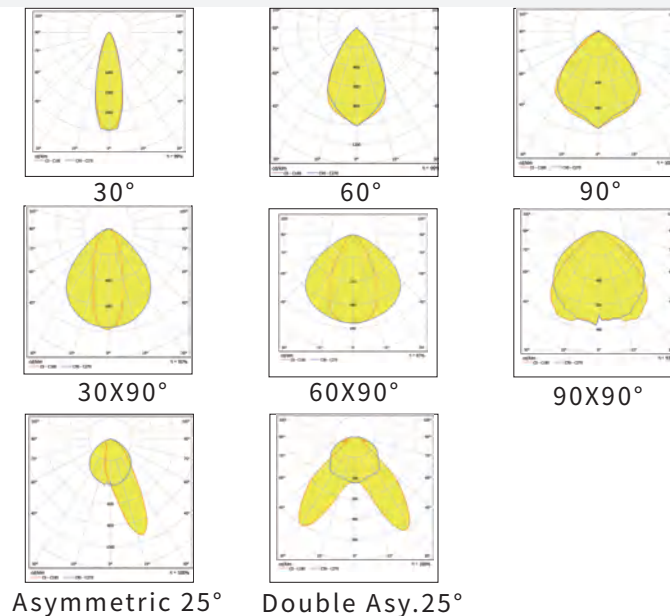
AW Series- Single lens
waterproof one-piece lens 22*13.3mm

Application:

The linear lens modules adopts a snap-on type which can be recessed mounted, suspended mounted, or surface mounted upon different installing requirements.

Feature:

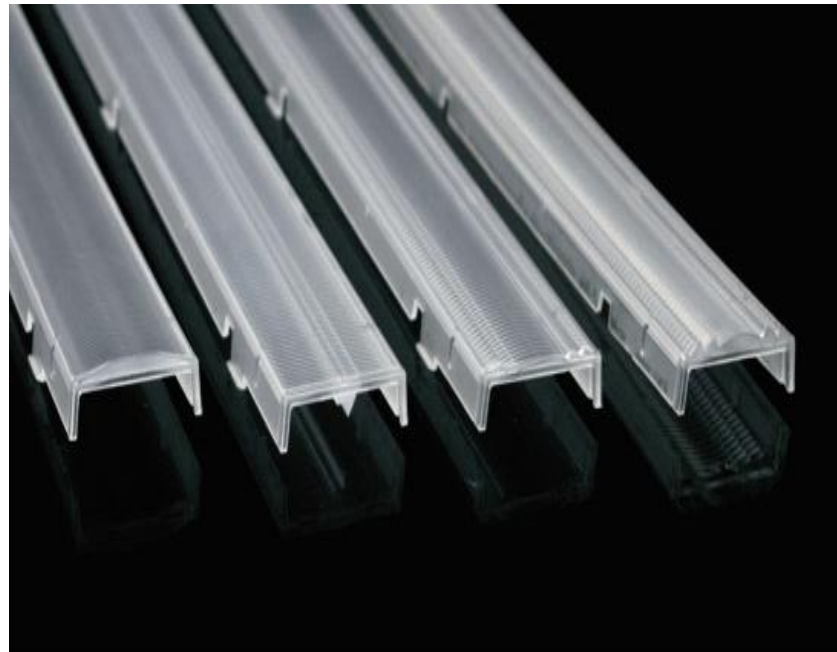
90 LEDs Modular design, Suitable for arbitrary splicing
The number of LEDs are flexible to fix on the PCB
ZHAGA standard PCB . Flexible assembly for different lighting application



Model	Beam angle
ASL280D50H24LED30G	30°
ASL280D50H24LED60G	60°
ASL280D50H24LED90G	90°
ASL280D50H24LED3070G	30X70°
ASL280D50H24LEDA25G	Asymmetric 25°
ASL280D50H24LEDDA25G	Double Asy.25°

Model	Beam angle
ASL280D65H56LED30G	30°
ASL280D65H56LED60G	60°
ASL280D65H56LED90G	90°
ASL280D65HXXLED3090G	30*90°
ASL280D65HXXLED6090G	60*90°
ASL280D65HXXLED9090G	90*90°
ASL280D65HXXLEDA25G	Asymmetric 25°
ASL280D65HXXLEDDA25G	Double Asy.25°

LINEAR LIGHT LENS



Compatibility

AW Series- Single lens
waterproof one-piece lens 22*13.3mm

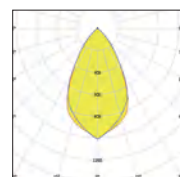
Application:

The linear lens modules adopts a snap-on type which can be recessed mounted, suspended mounted, or surface mounted upon different installing requirements.

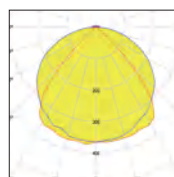
Feature:

90 LEDs Modular design, Suitable for arbitrary splicing
The number of LEDs are flexible to fix on the PCB
ZHAGA standard PCB . Flexible assembly for different lighting application

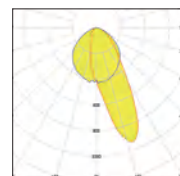
Model	Beam angle	Typ.eff
ASL280D30HXXLED60G	60°	91.2%
ASL280D30HXXLED90G	90°	90.5%
ASL280D30HXXLEDA25G	Asymmetric 25°	88.5%
ASL280D30HXXLEDDA25G	Double Asy.25°	91.5%



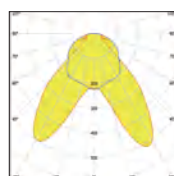
60°



90°



Asymmetric 25°



Double Asy.25°

28LED LENS 10H 280MM



Compatibility

AW Series- Single lens
waterproof one-piece lens 22*13.3mm

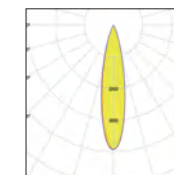
Application:

The linear lens modules adopts a snap-on type which can be recessed mounted, suspended mounted, or surface mounted upon different installing requirements.

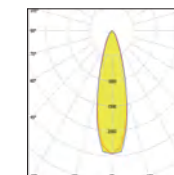
Feature:

90 LEDs Modular design, Suitable for arbitrary splicing
The number of LEDs are flexible to fix on the PCB
ZHAGA standard PCB . Flexible assembly for different lighting application

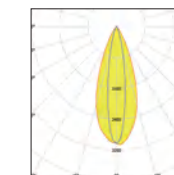
Model	Beam angle	Typ.eff
ASL280D10H28LED15G	15°	92.5%
ASL280D10H28LED30G	30°	91.5%
ASL280D10H28LED1560G	15x60°	93.2%



15°



30°



15x60°

LINEAR LIGHT LENS

24LED LENS 15H 280MM



Compatibility

AW Series- Single lens
waterproof one-piece lens 22*13.3mm

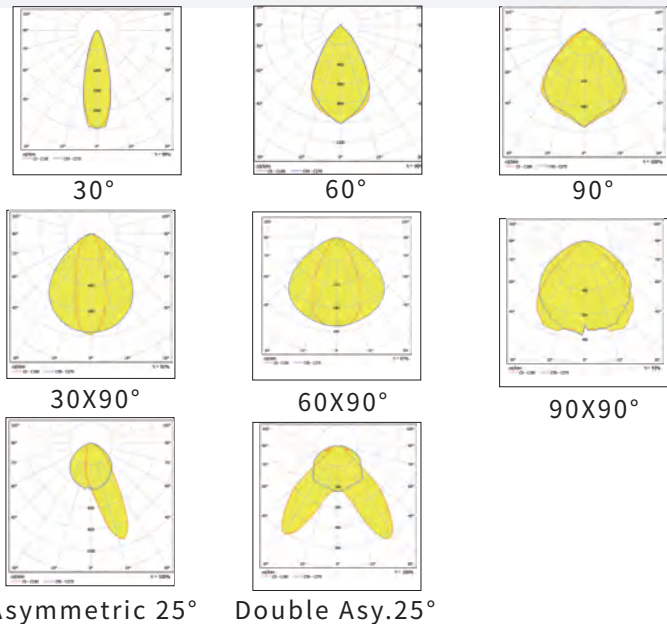
Application:

The linear lens modules adopts a snap-on type which can be recessed mounted, suspended mounted, or surface mounted upon different installing requirements.

Feature:

90 LEDs Modular design, Suitable for arbitrary splicing
The number of LEDs are flexible to fix on the PCB
ZHAGA standard PCB . Flexible assembly for different lighting application

Model	Beam angle	Typ. eff.
ASL280D15H24LED30G	30°	91.9%
ASL280D15H24LED60G	60°	91.2%
ASL280D15H24LED90G	90°	91.9%
ASL280D15H24LED3090G	30x90°	92.5%
ASL280D15H24LED6090G	60x90°	93.5%
ASL280D15H24LED9090G	90x90°	92.5%
ASL280D15H24LEDA25G	Asymmetric 25°	88.5%
ASL280D15H24LEDDA25G	Double Asy.25°	91.5%



24LED LENS 26H 280MM



Compatibility

AW Series- Single lens
waterproof one-piece lens 22*13.3mm

Application:

The linear lens modules adopts a snap-on type which can be recessed mounted, suspended mounted, or surface mounted upon different installing requirements.

Feature:

90 LEDs Modular design, Suitable for arbitrary splicing
The number of LEDs are flexible to fix on the PCB
ZHAGA standard PCB . Flexible assembly for different lighting application

Model	Beam angle
ASL280D26H24LED30G	30°
ASL280D26H24LED60G	60°
ASL280D26H24LED90G	90°
ASL280D26H24LED3090G	30X90°
ASL280D26H24LED6090G	60X90°
ASL280D26H24LED9090G	90X90°
ASL280D26HXXLEDA25G	Asymmetric 25°
ASL280D26HXXLEDDA25G	Double Asy.25°

