

SÜNLUMIN



COMPANY PROFILE

YOUR OPTICAL SOLUTION PARTNER

2022 VERSION

Company Overview

SUNLUMIN

In 2005, UNISHINE established, SPECIALIZED in the development of TV backlight and LCMbacklights.

In 2009, UNISHINE started LED lens division.

In 2011, SUNLUMIN OPTICS Co., Ltd. was established and independent from UNISHINE, which is mainly engaged in the research, development and production of LED optical lens.

In 2017, Sunlumin established oversea sales department, and define Sunlumin brand for oversea market.

In 2019, LED optics Lens division independent from Unishine Group.

In 2021, move lens factory to Dongguan city.

Registered capital of 31 million RMB, total 110 employees; 5 optical design +8 mold R&D engineers.

Total Factory Area: 14,500 m².

Sales Volume 2021: 5 Million USD.



COMPANY SERVICES

PRIVATE MOLD LENS CUSTOMIZATION/MOLD MANUFACTURE; OPTICAL, MOLD DESIGN SERVICE

LED STREET/AREA Lighting lens

LED INDUSTRY Lighting lens

LED OFFICE Lighting lens

LED Architectural Lighting lens

LED COMMERCIAL LIGHTING LENS

CORE COMPETENCE

Optical DESIGN

10 years experience optical design expert with Unique optical design and development concepts

With plenty of experience of project for lumiLeds, Osram, Cree etc.

Mold ultra-precise processing technology

20years of professional mold design experience team.

60000 RPM ultra precision machining

Capable to finish trial run mold within 5 working days;

Precision plastic injection technology

15 years of injection experience team + rigorous process control procedures

Talent and skill technical support

We can finish optical design report with 2 working days.

We can provide professional optical data in-house.

We can help you solve complicated optical issue.

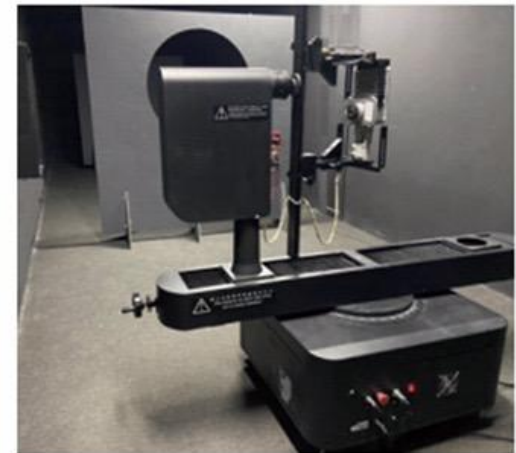
Plenty of experience for export business with optical products.

Cost effectiveness;

Compared to other first layer optical lens competitors, we have price advantage and more flexible for customization;

Compared to other lower price optical lens companies, we have high Optical design ability advantage and quality assurance.

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Customization Services

Engineering Support

5 optical engineers with rich experience and high level technical support.

Optical design

Rich experience in street lighting projects, road design for Brazil, Russia, India, China, Australia, Europe country.

Mechanism

We have our own waterproof testing equipments, all items are 100% tested.

Customization process

1st step: Optical design

Optical simulation, Optical design report (3 days)

2nd step Mold design

DFM report (2 days)

3rd step Mold manufacture

Mold schedule (1 day)

Prototyping or M/P tool, Fine tuning (30-35 days)

T0 sample production (1 day)

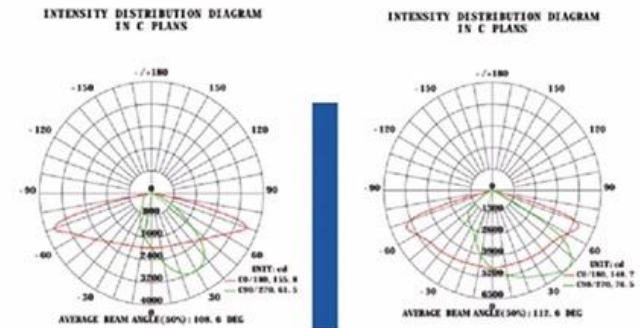
Released for M/P, Mass production for lens.

Turn around time: within 37-42 days.

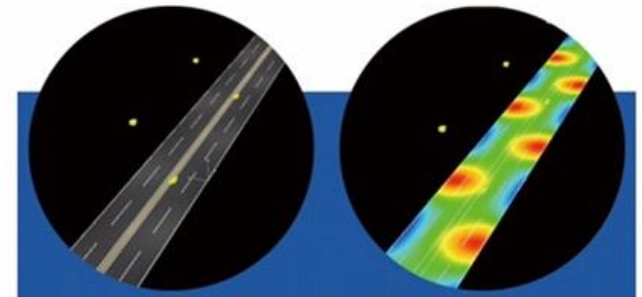
Further technical information is available, welcome to contact us for more details.

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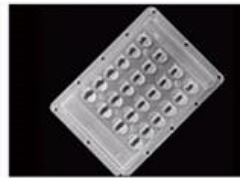
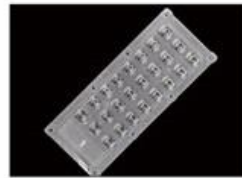
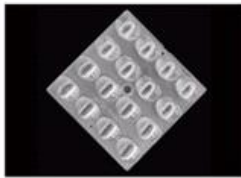
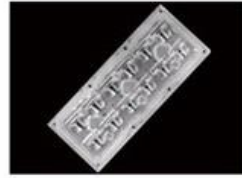
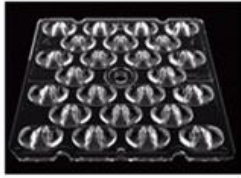
Light distribution curve



Road light distribution simulation



DIALux



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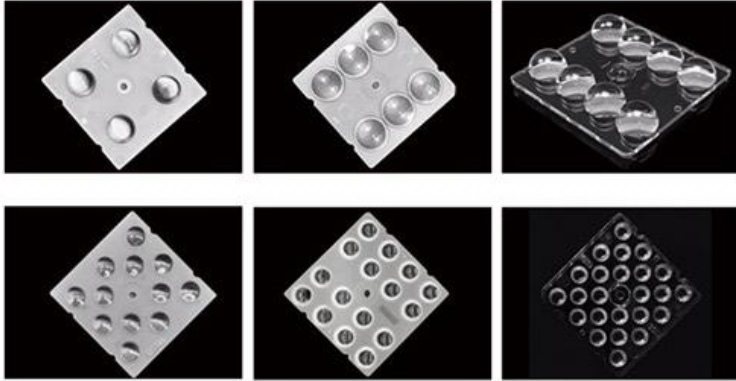


Street Light Lens

Part no	Model	LEDs	Typ. Angle
S01.01.01.009	SL-50X50-4-T2M	5050	T2M cutoff
S01.01.01.167	SL-50X50-6-T2M	5050	T2M cutoff
S01.01.01.153	SL-50X50-8-T2M	5050	T2M cutoff
S01.01.01.049	SL-50X50-24-T2M	5050	T2M cutoff
S01.01.01.029	SS-50X50-12-T2M	3030	T2M cutoff
S01.01.01.035	SS-50X50-14-T2M	3030	T2M cutoff
S01.01.01.125	SL-50X50-16-T2M	3030	T2M cutoff
S01.01.01.011	SS-50X50-4-T3M	5050	T3M
S01.01.01.017	SS-50X50-6-T3M	5050	T3M
S01.01.01.023	SS-50X50-8-T3M	5050	T3M
S01.01.01.024	SS-50X50-8-T4M	5050	T4M

Part no	Model	LEDs	Typ. Angle
S01.01.01.088	SL-173X71-12-T2M horizontal	5050	T2M cutoff
S01.01.01.058	SL-173X71-12-T2M vertical	5050	T2M cutoff
S01.01.01.161	SL-173X71-24-T2M horizontal	5050	T2M cutoff
S01.01.01.089	SL-173X71-24-T2M vertical	5050	T2M cutoff
S01.01.01.130	SL-135X100-24-T2M	5050	T2M cutoff
S01.01.01.065	SS-256X78-90-T2M	3030	T2M cutoff
S01.01.01.097	SS-236X70-64-T2M	3030	T2M cutoff
S01.01.01.119	SS-236X70-28-T2M	5050	semi cutoff
S01.01.01.114	SS-270X140-144-T2S	2835 3030	T2S
S01.01.01.059	SS-173X71-12-T2S	5050	T2S

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High bay Module Lens

Part no	Model	LEDs	Typ. Angle
S01.01.01.003	MD-50X50-4-10	3535	10
S01.01.01.005	MD-50X50-4-30	5050	60
S01.01.01.006	SS-50X50-4-60	5050	60
S01.01.01.007	SS-50X50-4-90	5050	90
S01.01.01.008	SS-50X50-4-120	5050	120
S01.01.01.122	SS-50X50-6-30	5050	30
S01.01.01.123	SS-50X50-6-60	5050	60
S01.01.01.124	SS-50X50-6-90	5050	90

Part no	Model	LEDs	Typ. Angle
S01.01.01.018	SS-50X50-8-30	5050	30
S01.01.01.150	MD-50X50-8-60	5050	60
S01.01.01.151	MD-50X50-8-90	5050	90
S01.01.01.152	MD-50X50-8-120	5050	120
S01.01.01.027	SS-50X50-12-90	3030	90
S01.01.01.032	SS-50X50-14-90	3030	90
S01.01.01.039	SS-50X50-16-90	3030	90
S01.01.01.048	SS-50X50-24-90	3030	90

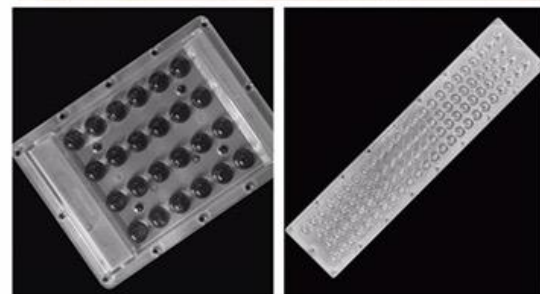
FWHM angles, efficiencies and cd/lm values contained herein are typical values. Actual measured values depend of the specific LED/optic combination. Go to www.sunlumin.cn for more product information.



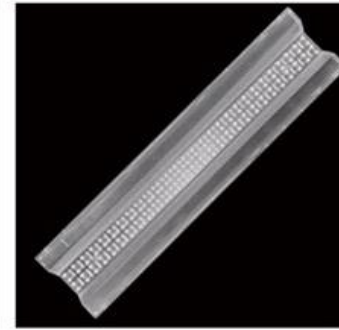
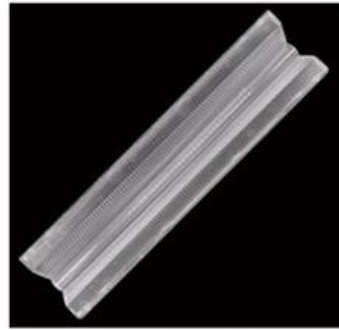
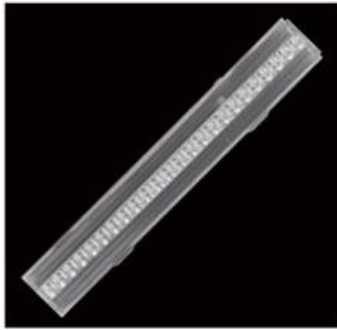
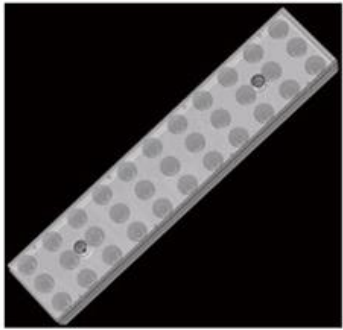
IP Highbay Module Series Lens

Part no	Model	LEDs	Typ. Angle
S01.01.01.220	IP-173X71-12-30	5050	30
S01.01.01.172	IP-173X71-12-60	5050	90
S01.01.01.218	IP-173X71-12-90	5050	60
S01.01.01.134	IP-135X100-24-60	5050	60
S01.01.01.135	IP-135X100-24-90	5050	90
S01.01.01.109	SS-236X70-28-60	5050	60
S01.01.01.060	SS-236X70-64-60	3030	60
S01.01.01.063	SS-256X78-90-90	3030	90
S01.01.01.113	SS-256X78-90-120X60	2835/3030/5630	120X60
S01.01.01.083	SS-520X116-96-20	5050	20
S01.01.01.084	SS-520X116-96-40	5050	40
S01.01.01.085	SS-520X116-96-60	5050	60

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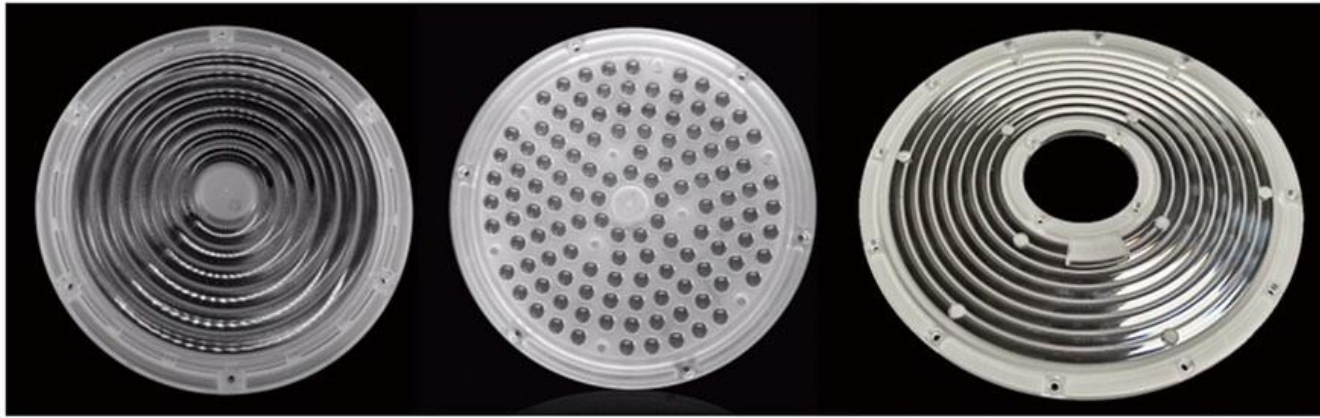
Linear Lens

Part no	Model	LEDs	Typ. Angle
S01.01.02.016	LN-285X62-33-60	2835 3030	60
S01.01.02.017	LN-285X62-33-90	2835 3030	90
S01.01.01.079	SS-280X43-24-90	2835 3030	90
S01.01.01.078	SS-280X43-24-30X70	2835 3030	60
S01.01.01.080	SS-280X67-56-60	2835 3030 5630	60
S01.01.01.081	SS-280X67-56-90	2835 3030 5630	90
S01.01.01.082	SS-280X67-XX-90X90	2835 3030 5630	90x90



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UFO Lens

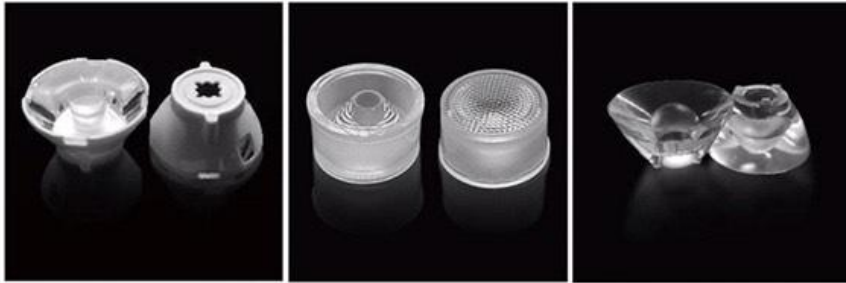
Part no	Model	LEDs	Typ. Angle
S01.01.01.136	UFO-D183-129-90	3030	90
S01.01.01.139	UFO-D233-226-90	3030	90
S01.01.01.143	UFO-D263-254-60	3030	60
S01.01.01.068	SS-D184-XX-60	2835 3030	60
S01.01.01.071	SS-D226-XX-120	2835 3030	120
S01.01.01.077	SS-D265-XX-90	2835 3030	90
S01.01.01.141	UFO-D233-XX-XX	3030	NA
S01.01.01.185	OSTER-G2-D263-XX-85 with sensor hole	3030	85



FWHM angles, efficiencies and cd/lm values contained herein are typical values. Actual measured values depend of the specific LED/optic combination.

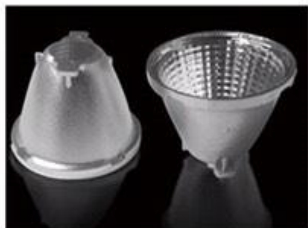
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Single Lens



Part no	Model	LEDs	Typ. Angle
S01.01.01.157	SG-D14.9-1-30	3030	30
S01.01.02.051	SG-D13.2-1-35	3535	35
S01.01.02.057	SG-D23.22-1-8	3535	8
S01.01.02.061	SG-D23.22-1-25	3535	25
S01.01.02.063	SG-D23.22-1-60	3535	60
S01.01.02.029	SG-D45-1-24	cree 5050	24
S01.01.02.039	SG-D37-1-60	3535	60
S01.01.02.091	SG-D31-1-25	3535	25
S01.01.02.097	SG-D15.2-1-25	3535	25
S01.01.02.021	SG-D22-1-30	3535	30

COB Lens, Reflectors

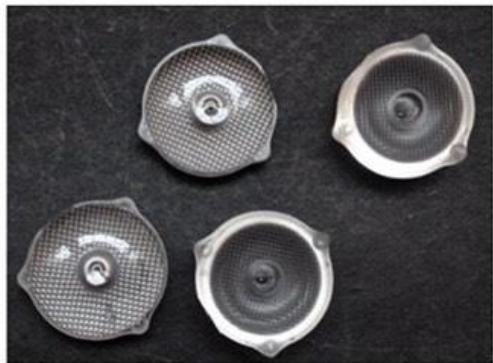


Part no	Model	LEDs	Typ. Angle
S01.01.02.086	COB-D50-1-17	CITIZEN CLU028 1310	30
S01.01.02.087	COB-D50-1-20	CITIZEN CLU028 1310	35
S01.01.02.088	COB-D50-1-35	CITIZEN CLU028 1310	8
S01.01.01.145	COB-D50-1-18	Cree CXA1512 LES9	25
S01.01.01.146	COB-D50-1-25	Cree CXA1512 LES9	60
S01.01.01.147	COB-D50-1-35	Cree CXA1512 LES9	24
S01.01.01.148	COB-D50-1-50	Cree CXA1512 LES9	60

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LED backlight Lens

SUNLUMIN



LEDs Partners

CREE

LUMINUS

OSRAM

CITIZEN
Micro HumanTech

LUMILEDS

NICHIA

SAMSUNG

Part no	Model	LEDs	Typ. Angle
S01.01.02.003	SS-D13.5-1-170	2835 3030	170
S01.01.02.004	SS-D13.5-1-172	2835 3030	172
S01.01.02.005	SS-D11.5-1-165	2835 3030	165
S01.01.02.006	SS-D13.5-1-180	2835	180
S01.01.02.013	SS-D13.7-1-160	2835 3030	160
S01.01.02.018	BL-D13.51-1-160	2835 3030	160
S01.01.02.019	BL-D13.51-1-160	2835 3030	160
S01.01.02.020	BL-D11.55-1-160	2835 3030	160



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CONTACT INFORMATION

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