



2024

PRODUCT CATALOGUE



Contents

03 Ledlink Profile

05 Custom Solution

06 Applications Overview

07 Landscape Lighting

09 Under Ø20 mm

11 Ø20~30 mm

13 Ø30~60 mm

15 Waterproof Lens

17 Color Mixing Lens

18 Windowsill Lens

19 Commercial Lighting

21 Ultra-Thin Hybrid Lens

25 V-CUT Series

27 Anti-Glare Lens

28 Dim-to-Warm & Tunable White Lens

29 COB Lens

30 Ø20~40 mm

31 Ø40~100 mm

33 Aluminum Coating Lens

34 Backlight Lens / Zoom Lens

35 Street Lighting

37 2 in 1 / 4 in 1 / 6 in 1 / 8 in 1

39 12 in 1

41 16 in 1 / 18 in 1 / 20 in 1

43 Others

45 Area Lighting

47 4 in 1 / 6 in 1 / 8 in 1

48 9 in 1 / 12 in 1 / 16 in 1 / 18 in 1 / 24 in 1

49 Linear Lens

53 Automotive Lighting

55 Head Lamp

Tail Lamp

Lateral Linear Lens

Daytime Running Light

Reading Lamp

Head Up Display

Motorcycle Head Lamp

57 Automotive Lighting Equipment

Ledlink Optics Inc., established in March 2008, is a professional company in designing and manufacturing optics for the LED lighting companies. We cooperate with our strategic partners of LED manufactures including Cree, Edison, Lumileds, Nichia, Osram, Samsung, Seoul...etc.

Our company mission is to help our customers to optimise optics performance for excellent LED lighting products. Lenses are available in a wide variety of package with numerous beam pattern options and dimension, such as residential lighting, commercial lighting, street lighting, architectural lighting and automotive lighting. You will find a most suitable solution at Ledlink.

- **2008**
 - Ledlink Established in Taipei
 - Dongguan Factory Established
- **2009**
 - ISO 9001/14001 Certification
 - Dongguan Second Factory
- **2010**
 - UL Certification
- **2011**
 - Third Factory Expansion in Dongguan
 - Yangzhou Ledlink Expansion
 - Listed in Emerging Market
 - Awarded the 16th Place of Deloitte
 - IATF16949 Certification
 - Technology Fast 500 Asia Pacific 2011
- **2012**
 - IPO in OTC Taiwan
- **2013**
 - Yangzhou Factory Mass Production
- **2015**
 - Supplying to Automotive Lighting Manufacturers
- **2021**
 - Yangzhou Phase II Factory Expansion Kick-Off
- **2023**
 - Completion of Yangzhou Phase II Factory Expansion



Headquarter
TAIPEI, TAIWAN

CEO
Telung Tang

Employees
90

Capital
USD 17 Million

Main Function
Administration
Financial
Oversea Sales
Marketing
RD



Factory
DONGGUAN

Employees
450

Capital
USD 28 Million

Area
33000 m²

Injection Machines
200 Sets



Factory
YANGZHOU

Employees
210

Capital
USD 20 Million

Area
30000 m²

Injection Machines
100 Sets

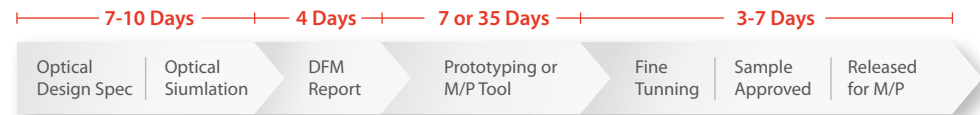
Custom Solution

Creating unique lens for your luminaire? No problem.

Ledlink team is here for you from optical design, prototyping, tooling construction to serial production.

One stop solution at Ledlink ensures product with consistent performance and quality.

Customization process



Flexible, efficient and experienced!

Contact our sales person now for further discussion!

Optical Simulation

Engineering Support

- 12 optical engineers (Automotive: 4 ; General: 8)
- In house optical design
- 7-14days simulation service

Software

- Light Tools / Trace Pro
- Lucid Shape / Catia
- (Both OEM, ODM services)



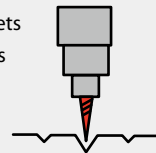
Tooling Design & Manufacture

In House Tooling Production

- DFM
- Mold flow analysis
- Tolerance study
- In house texture process

Dedicated Tooling Team

Monthly capacity: 100-120 sets
DG: 70-80 sets/ YZ: 30-40 sets



Core Competence

Just In Time Service

Supporting Service

Optical Lab

- 3D laser scanning
- Surface profilometer
- Goniometer

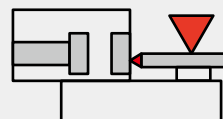
Reliability Lab



Mass Production

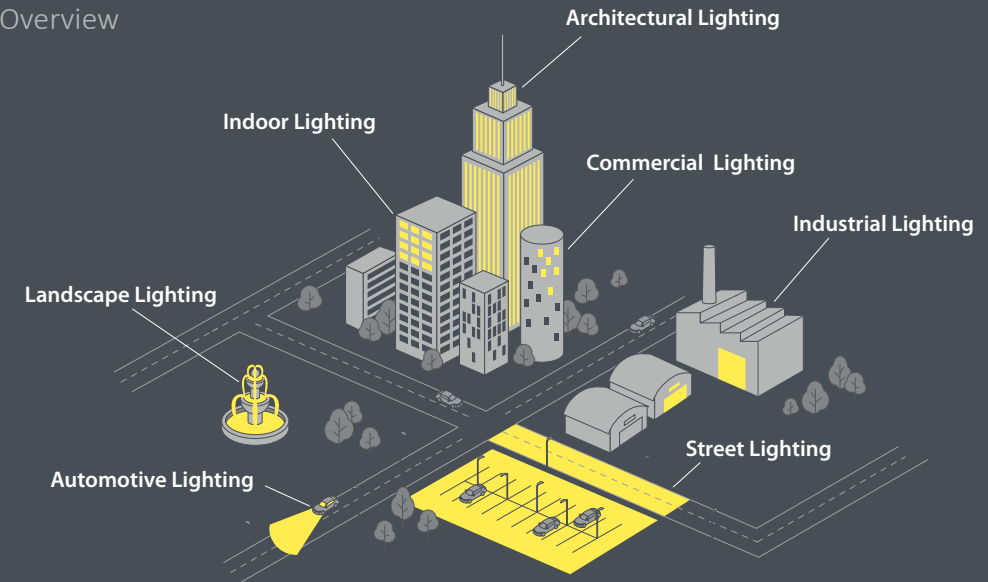
Sufficient Capacity

- Up to 320 sets injection machines in house
- Range from 45 to 1900T



Applications

Overview



Landscape Lighting

- 09 Under Ø20 mm
- 11 Ø20~30 mm
- 13 Ø30~60 mm
- 15 Waterproof Lens
- 17 Color Mixing Lens
- 18 Windowsill Lens









Landscape Lighting

Under Ø20 mm

*All dimensions are in millimeters.



Serial No	Dimensions	Angle	Target LED	Tape
 DRT	Ø10.24×7	15°/20°/25°/38°/60° 20°×40°	3535	-
 DF	Ø13.5×7.35	25°/40°/60°/80°/100° 30°×65°	3535/3045	•
BDF		25°/40°/60°/80°/100° 30°×65°/30°×70°	2525/3030/3045	•
AAF		25°/45°/60°	3030/3535	•
 DBI	Ø15.3×9.1	30°/45°/60° 30°×60°	5050	-
 BYK	16×16×8	20°/30°/40°/60° 25°×45°	2525 3030 3535	•
 HQ	Ø16×10.3	15°/25°/30°/40°/60°/80° 25°×45°/30°×50°	3030/3535	•
 OT	Ø16.6×10.4	32°/40°/60°/80°	3535	-






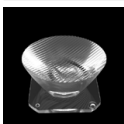












Landscape Lighting

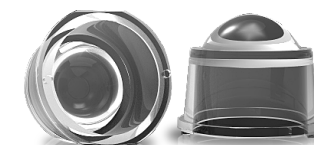
Ø20~30 mm

**All dimensions are in millimeters.



	Serial No	Dimensions	Angle	Target LED	Tape
	AA	Ø21×12.6	20°×65°	1LA5/3535	●
	SQ	Ø21×13.9	40°/60°/80°	5050	●
	MQ	Ø21.05×14.75	15°/25°/40°/60°	3030	-
	AFC	Ø21.3×12.45	10°/15°/25°/30°/40° 50°/60°/80°/10°×35° 10°×45°/10°×60° 15°×30°/20°×45° 15°×60°/30°×60°	3030 3045 3535	●
	DPO	Ø21.5×11.49	10°×35°	3030	●
	ESW	Ø21.5×11.5	10°×35°	3030	-
	CRI	22×22×9.8	10°×55°	3030 3535	-
	DTL	Ø22.1×14.76	Wall Washing Height 1M/2M/3M	3030 3535	-

	Serial No	Dimensions	Angle	Target LED	Tape
	DQD	Ø22.5×17.7	6°	3535	-
	EX	Ø23×10.63	10°/15°/25°/40°/60° 110°/30°×65°/30°×85°	2525/3030 3045/3535	●
	BEX	Ø 22.4×9.13	25°/40°/60°	2525	●
	NE/CNE	Ø23.5×15.8	15°/17°/25°/40°/60° 80°/10°×45°/25°×45°	3535	●
	ANE	Ø23.5×15.8	10°/20°/30°/55°	3535	●
	BNE	Ø23.5×15.8	25°/40°/60°/35°×70°	2525/3535	●
	FL	Ø24.3×12.15	10°/25°/40°/60° 100°/30°×65°	3535/3045 7090/5050	●
	AFL	Ø24.3×12.3	35°/50°/70°	7070/7090 9090	●















Landscape Lighting

Ø30~60 mm

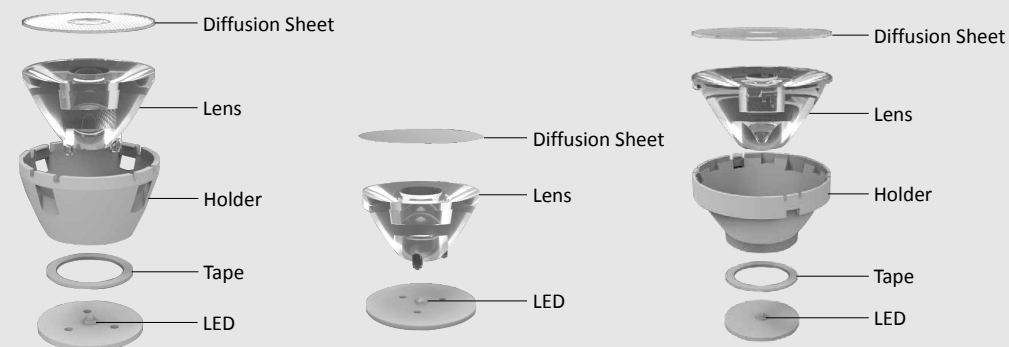
*All dimensions are in millimeters.



	Serial No	Dimensions	Angle	Target LED	Tape
	WI	Ø32.8×18	15°/25°/40°	5050	•
	DG/ ADG	Ø32.8×18	20°/30°/40°/50° 60°/100°/30°×85°	3535/5050 7070/7090	•
	BLU	Ø35×20.1	3°/5°/5°×20°	3535/5050	•
	+ Holder	Ø38.2×22.2	3°/5°/5°×20°	3535	•
	+ Diffusion Sheet	Note Ø38.2×22.2	15°/25°/38°/10°×35°	3535	•
	EHE + Diffusion Sheet	Note Ø36×21	10°	3535	-
	DQP	Ø38.2×21.3	2°	2020	-
	ZE	Ø37.1×20.7	20°/30°/45°	9090	•
	EFF	Ø37.5×18.5	5°	3535	•
	DBG	Ø37.5×20	10°/15°/24°/36°/60° 15°×55°	5050	•

	Serial No	Dimensions	Angle	Target LED	Tape
	AY	Ø46×27.1	10°/38°	5050 7070 9090	-
	FG				
	PV	Ø47.2×25.65	45°/60°/80°	5050 7070 9090	-
	AHA	Ø50×25.4	5°/10°	3535/5050/3045	-
	+ Holder	Ø52×27	5°/10°	3535/5050	•
	+ Diffusion Sheet	Note Ø52×27	10°/15°/20°/30°/40°/60° 80°/15°×60°/30°×60°	3535/5050	•
	EIL + Diffusion Sheet	Note Ø52×27	10°	3535	•

Note Lens with Diffusion Sheet



BLU Series

EHE Series




AHA / EIL Series

Landscape Lighting

Waterproof Lens

*All dimensions are in millimeters.



	Serial No	Dimensions	Angle	Target LED	Tape
	EOA	Ø10×7	16°/25°/38°/45° 60°/20°×40°	3535	-
	DCJ	Ø15×8.7	30°/40°/60° 30°×50°	5050	-
	DBT	Ø16×8.5	24°/36°/60°/30°×50°	2835 3030	-
	DBW	Ø15.5×7.15	24°/30°/40°/60° 25°×45°/30°×60°	3030	-
	EES	Ø16×9.3	20°×30°	2835	-
	DMO	Ø16×8.5	20°×40°	3030	-
	BFV	Ø20.8×12.35	10°/15°/25°/30° 10°×40°	2525 3045 3535 3030	-
	DGW	Ø22×12	10°/15°/20°/30°/45° 60°/10°×60°/15°×45°	3030 3535	-





	Serial No	Dimensions	Angle	Target LED	Tape
	DPP	Ø22.5×12.4	10°/25°/40°	3030	-
	DCC	Ø22.5×12.4	10°/15°/24°/36°/60° /10°×15°/10°×30° 10°×45°/10°×60°	3535	-
	DBO	Ø22.5×12.4	15°/24°/30°/40°/60° 15°×30°/15°×45° 15°×60°	3030 3535	-
	DDO	Ø22.5×13.3	15°/24°/30°/40°/60° 15°×30°/15°×45° 15°×60°	3030	-
	CAX	20.5×20.5×13.8	10°×90°/25°×90°	3030 3535	-
	CAX	24×19×10.51	35°×85°	3535	-



Landscape Lighting

Color Mixing Lens

*All dimensions are in millimeters.

	Serial No	Dimensions	Angle	Target LED	Tape
	YJ	Ø21×13.9	25°/40°/60°	5050	•
	WY	Ø21×14.25	80°/100°	5052	-
	DYJ	Ø21×14.25	25°/40°/60° 15°×30°/25°×60°	5052 RGBW	-
	YL / YT	Ø25×15	10°/20°/30°/40° 15°×30°/15°×50°	3030 RGBW	-
	CV	Ø21.1×15	15°/25°/45°	1LA5	-
	AFD	Ø26×15.5	15°/20°	3535/5050	-
	DVY	Ø35×20.1	15°	5050 RGBW	-
	BCQ	Ø38.1×20.9	15°/30°/40°/60° 15°×30°/20°×55° 30°×50°	5050 / 7090 RGBW	-
	ANW	Ø45×26.3	10°/20°/30°	7090/Ostar RGBW	-
	BJH		10°/30°	5050 RGBW	-



Windowsill Lens

Linear Light Distribution for Decorative Lighting

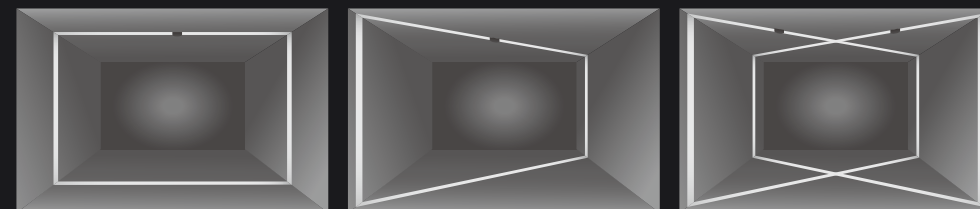


NEW

CZP / DEZ Series



Simulation



Distribution



CZP Series



Dimensions

LL01CR-CZP03115L52	55×40×28 mm
LL01CR-CZP05100L52	55×40×28 mm
LL01CR-DEZ10115L06	25×20×15 mm

LED

3535/5050 (CZP Series)
3535/5050 (DEZ Series)



Commercial Lighting

- 21 Ultra-Thin Hybrid Lens
- 25 V-CUT Series
- 27 Anti-Glare Lens
- 28 Dim-to-Warm & Tunable White Lens
- 29 COB Lens
- 30 Ø20~40 mm
- 31 Ø40~100 mm
- 33 Aluminum Coating Lens
- 34 Backlight Lens / Zoom Lens









Commercial Lighting

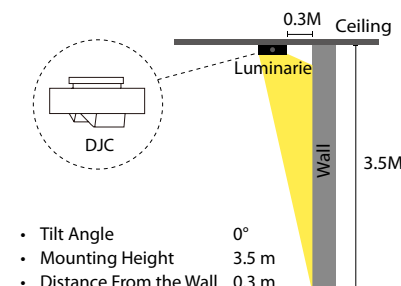
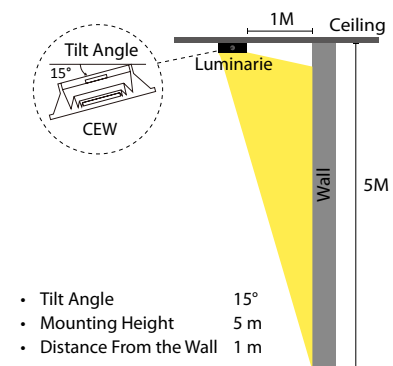
Ultra-Thin Hybrid Lens

*All dimensions are in millimeters.



Serial No	FWHM	Dimensions	Target LED	Connector	Snap Lock	Solder-Free Connector
 CHQ	24°/38°/45°	Ø35×10.5	LES Ø8~11	LL01A00CSLB2 LL01A00CSNB2		LL01A00CWFB2 LL01A00CWGB2 LL01A00CYFB2
 CEW Note	12°/24°/38°/45°/60° 27°×31°/36°×62°/38°×64°	Ø50×15	LES Ø8~11			
 DJC Note	30°×50°	Ø53.4×16.7	LES Ø8.9	LL01CRWF15H2		-
 CEN	12°/24°/38°/45°/60° 25°×30°/35°×60°	Ø70×17.5	LES Ø6~19	LL01A00CSKB2 LL01NIWZ24H2		LL01A00CWHB2 LL01A00CWDB2
 CFE	12°/24°/38°	Ø70×17.5	LES Ø6~19			
 CEO	12°/24°/38°/60°	Ø90×19.5	LES Ø8.6~19	-		LL01A00CWEB2

Note Set Up Instruction



Snap Lock

Solder-Free Connector Assembly Instruction



Note

CEW / DJC Series Lighting Effects












Commercial Lighting






Ultra-Thin Hybrid Lens

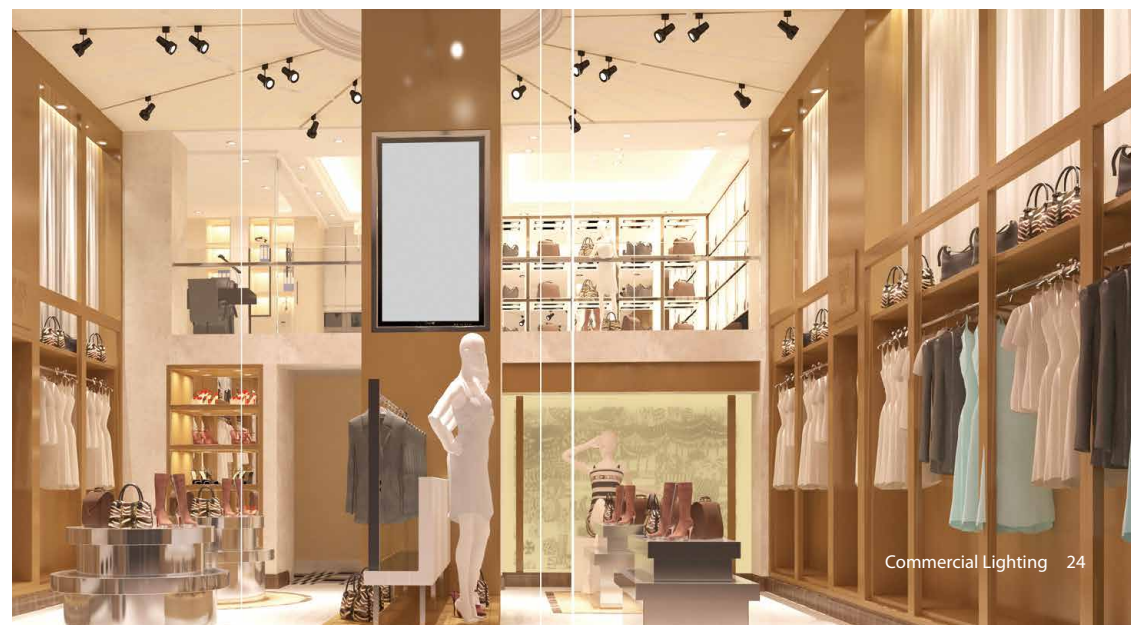
*All dimensions are in millimeters.



	Serial No	FWHM	Dimensions	Target LED	Connector
	CPR	24°/38°	Ø47×8.5	5050 LES Ø6~10	-
	DBD	12°/24° 38°/60°	Ø50×12	LES Ø9	-
	CGI	24°/36°	24°: Ø53.5×8.7 36°: Ø53.5×6.7	LES Ø8.9	-
	CPQ	24°/38°	Ø74.4×13	7070 LES Ø8.9~16	-
	DYF	15°/24° 38°/60°	Ø35×12.35	LES Ø4.5~9.8	LL01A00XVWB2 LL01A00XVB2
	DUU	15°/24°/38°	Ø45×14.7	LES Ø6~14.5	LL01A00CWJB2
	DZK	15°/24° 38°/60°	Ø62×22.7	LES Ø6~16	LL01A00CWNB2 LL01A00CXC2B2 LL01A00CXDB2 LL01A00CXEB2
	DUV	15°/24°/38°	Ø70×22.7	LES Ø6~14.5	LL01A00CXC2B2 LL01A00CXDB2 LL01A00CXEB2
	DZJ	15°/24°/38°	Ø90×20.5	LES Ø13~14.5	LL01A00XVYB2 LL01A00XVZB2

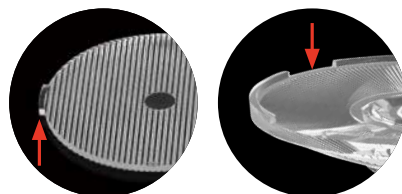
Ultra-Thin Hybrid Lens & V-CUT Series

	Serial No	FWHM	Dimensions	Target LED	Connector
	DTR	15°/24°/38° 45°/60°	Ø50×11.1	LES Ø6~9.8	LL01A00CXHB2
	DUF	15°/24°/38° 45°/60°	Ø75×16.55	LES Ø8.9~16	LL01A00CXC2B2 LL01A00CXDB2 LL01A00CXEB2
	DUG	15°/24°/38° 45°/60°	Ø90×19.4	LES Ø8.9~14.5	LL90A00SWBB2 LL90A00SWAB2 LL90A00SVSB2
	DUN	15°/24°/38° 45°/60°	Ø118×23.6	LES Ø14.5~16	LL118A00SWCB2 LL118A00SWDB2 LL118A00SVRB2
	DTQ	15°/24°/38° 45°/60°	Ø150×30	LES Ø22~23	LL01A00SVQB2 LL01A00SWEB2











Commercial Lighting

V-CUT Series



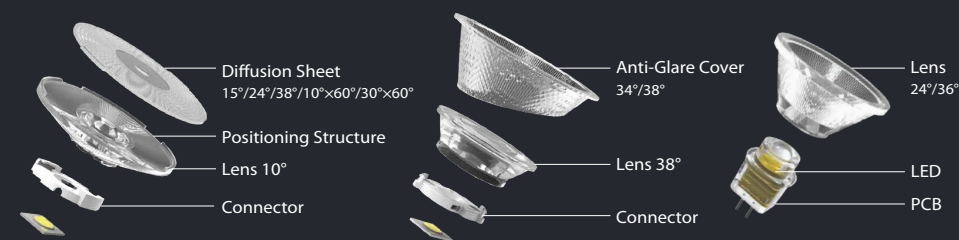
Note Available with Positioning Structure.

Serial No	FWHM	Dimensions	Target LED	Connector
Athena Series				
 DAW	10°	Ø45×9.85	LES Ø6	LL01CIZA120H2
	15°/24°/38° 10°×60°/30°×60°	Ø45×11.35		
 DKW Note	10°	Ø45×10.85	LES Ø9	LL01CIYZ120H2
	15°/24°/38° 10°×60°/30°×60°	Ø45×10.85		
 DAX	10°	Ø60×13.27	LES Ø9	LL01CIYZ120H2
	15°/24°/38° 10°×60°/30°×60°	Ø60×14.77		
 DKX Note	10°	Ø60×14.77	LES Ø9~9.8	LL01CRWF15H2
	15°/24°/38° 10°×60°/30°×60°	Ø60×14.77		
 DAY	10°	Ø75×15.1	LES Ø9~9.8	LL01CRWF15H2
	15°/24°/38° 10°×60°/30°×60°	Ø75×16.6		
 DKY Note	10°	Ø75×16.6	LES Ø14.5~16	LL01CRWC15H2
	15°/24°/38° 10°×60°/30°×60°	Ø75×16.6		
 DAZ	10°	Ø90×17	LES Ø14.5~16	LL01CRWC15H2
	15°/24°/38°	Ø90×18.5		
 DKZ Note	10°	Ø90×18.5	LES Ø14.5~16	LL01CRWC15H2
	15°/24°/38°	Ø90×18.5		



Serial No	FWHM	Dimensions	Target LED	Connector
Apollo Series				
 DAH	15°/24°/36°	Ø54.7×30	LES Ø9~13.5	LL01CRWF15H2
	15°/24°/38°	Ø71.8×44.8	LES Ø12	LL01CRWC15H2
Zeus Series				
 CTZ	24°/36°	Ø35×29	5050	-
	24°/36°	Ø50×37.35	5050	-
Hera Series - Anti-Glare Cover				
 CUG	38°	Ø67.5×25.13	LES Ø6	LL01CR-CEW38L02
	34°	Ø112×41.69	LES Ø9	LL01CR-CEN38L02
	34°	Ø123×42.03	LES Ø12	LL01CR-CEO38L02

Assembly Instruction



Athena Series
DKW/DKX/DKY/DKZ








Hera Series
CUG/CUE/CUF

Zeus Series
CTZ/CTY

Commercial Lighting


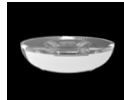
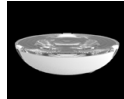

Anti-Glare Lens

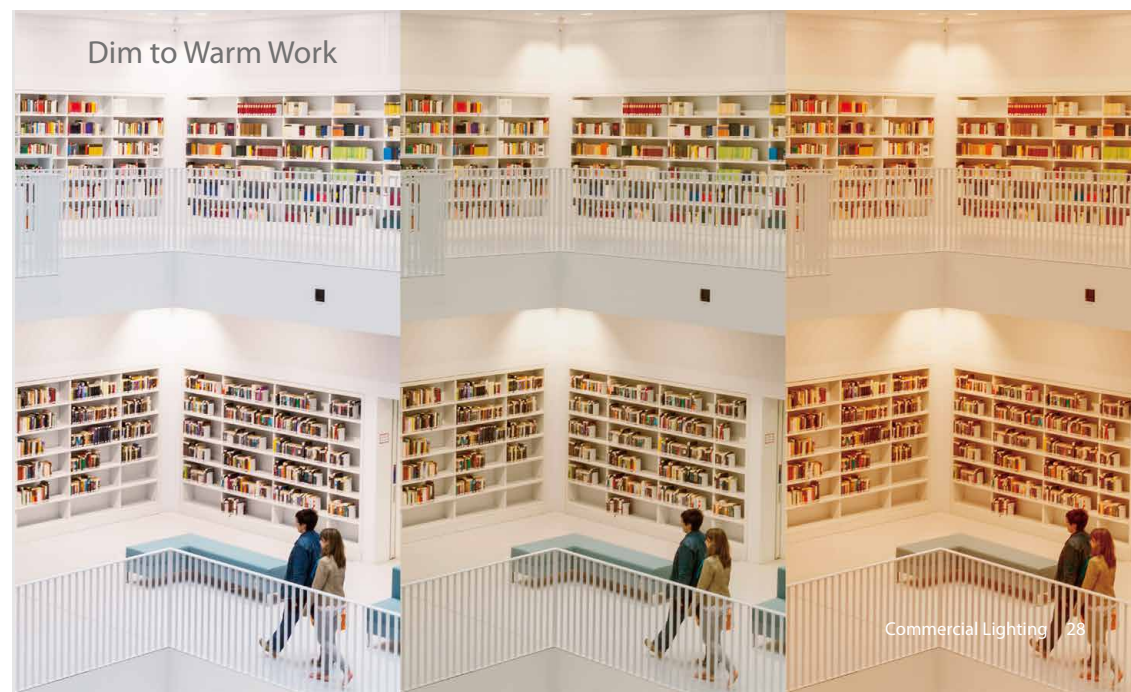
*All dimensions are in millimeters.

	Serial No	FWHM	Dimensions	Target LED	Connector
	END	15°/24° 38°/60°	Ø28×15	LES Ø4.5~6	LL01A00CYCB2
	EDG	15°/24° 36°/60°	Ø35×19		
	EHV	15°/24° 38°/60°	Ø44.5×20.5	LES Ø6~8.9	LL01A00CXQB2 LL01A00CXHB2
	EIR	15°/24° 38°/60°	Ø62×28	LES Ø8.9~16	LL01A00CXDB2 LL01A00CXCB2 LL01A00CXEB2
	ERI	24°/38°	Ø28×15	LES Ø6	LL01A00CYCB2
	ERJ	24°/38°	Ø35×19		
	ESN	24°/38°	Ø44.5×20.5	LES Ø6~8.9	LL01A00CWJB2 LL01A00CXHB2



Dim-to-Warm & Tunable White Lens

	Serial No	FWHM	Dimensions	Target LED	Connector
	EUQ	24°/38°	Ø25×6.29	LES Ø7.2~10.3	LL01A00CYPB2
	ETK	24°/38°	Ø50×12.9		
	ETI	24°/38°	Ø55×14.2		
	ETJ	24°/38°	Ø62×18.3	LES Ø9.3~14.3	

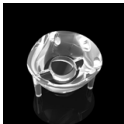









Commercial Lighting










COB Lens

*All dimensions are in millimeters.



NEW	Serial No	FWHM	Dimensions	Target LED	Connector
	ERC	43°×80°	23.4×22.5 ×11.9	LES Ø5	-
	DXQ	15°/24° 38°/60°	Ø30×17	LES Ø4.5~6	LL01BRABW02H2 LL01CIABW03H2
	DZU	15°/24° 38°/60°	Ø35×20.9	LES Ø6	LL01A00XVWB2
	DRX	15°/24° 38°/60°	Ø44.5×20.5	LES Ø6	LL01A00CWJB2 LL01A00CXHB2
	DZL	15°/24° 38°/60°	Ø62×25	LES Ø8.9~16	LL01A00CXDB2 LL01A00CXC2 LL01A00CXEB2
	DRY	15°/24° 38°/60°	Ø68.5×28.5	LES Ø8.9~16	LL01A00CXFB2 LL01A00CWMB2 LL01A00CXGB2
	DXY	15°/24°/38°	Ø68.5×28.5	LES Ø16	LL01A00CWMB2
	DRZ	15°/24° 38°/60°	Ø74.5×28.5	LES Ø8.9~16	LL01A00CXDB2 LL01A00CXC2 LL01A00CXEB2

Ø20~40 mm









	Serial No	FWHM	Dimensions	Target LED	Connector
	ACA	24°/38°	Ø29.9×12	7070 LES Ø8~12	-
	QI	25°	Ø30×17	LES Ø6.7~8.7	-
	ABG	24°/38°/55°	Ø34×15.7	5050/7070/9090 LES Ø6~9	-
	BJL	40°	Ø35×12.55	LES Ø6~13.2	-
	DTS	10°	Ø35×17.5	LES Ø2.8	LL01CIZA120H2
	AVA	40°	Ø42×9.65	LES Ø4~18.5	-
	DTT	10°	Ø43×27	LES Ø4	LL01CIZA120H2
	BSS	24°/32°	Ø44×12.2	LES Ø6~13.2	-
	ABY	24°	Ø44×14.1	5050/7070 LES Ø4~9.8	-









Commercial Lighting

Ø40~100 mm

*All dimensions are in millimeters.






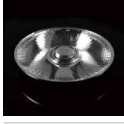

Serial No	FWHM	Dimensions	Target LED	Connector
 AQH	38°/45°	Ø44×14.1	5050/7070 LES Ø4~9.8	-
 BNX	38°	Ø44×14.6	3030 LES Ø6~9.9	-
 ZN	25°/40°	Ø44.4×11	LES Ø6	-
 WL	40°	Ø49.2×9.5	LES Ø6~16	-
 ABH	40°/60°	Ø50×10.4	7070/9090 LES Ø6~16.2	-
 ZO	25°/40°	Ø60×15.2	LES Ø9.8~13.5	-
 AAK	25°	Ø68.8×19	LES Ø13.5~14.5	-
 ZM	40°	Ø68.8×19.18	LES Ø13.5~14.5	-

Serial No	FWHM	Dimensions	Target LED	Connector
 BBX	24°/38°	Ø69×22.7	LES Ø9.8~14.6	-
 WN	40°	Ø72×12.9	LES Ø8.9~16	-
 ABX	24°/38°	Ø75.8×24.35	9090 LES Ø8~24.2	-
 BAY	24°/38°	Ø76×22.5	LES Ø8.6~24.2	LL30A00SULB2
 AMY	24°/38°	Ø76×23	LES Ø12~24.2	
 AOF	24°/38°	Ø76.4×16.7	LES Ø6~19	-
 APG	24°/38°	Ø90.8×22	LES Ø6~26.5	-
 WM	40°	Ø92.5×27.5	LES Ø11.2~18.4	-

Commercial Lighting

Aluminum Coating

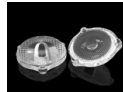
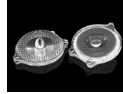
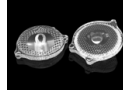

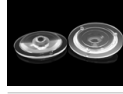
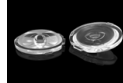
*All dimensions are in millimeters.

	Serial No	FWHM	Dimensions	Target LED	Connector
	CTK	10°/15°	Ø49.5×7.8	3535 LES Ø6~6.7	-
	AZW	12°/15° 24°/38°	Ø76.1×12.7	LES Ø9~19	LL30A00SUNB2-M2
	AZN	15°/24°/38°	Ø88.5×15	LES Ø6~19	LL01A00SUFB2
	BZN	15°	Ø88.5×15	LES Ø9~19	LL38A00SUQB2-M2
	ASA	12°/24°/38°	Ø90.6×22	LES Ø8.6~26.5	LL38A00CSFM2





Backlight Lens

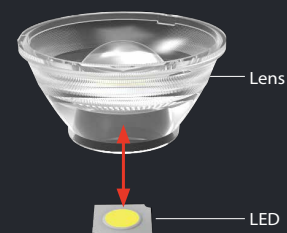


	Serial No	FWHM	Dimensions	Target LED	Tape
	CJA28	160°	Ø15.62×5.79	3535	-
	DFD28	160°	Ø16×5.46	2835 3030	-
	DRF38	160°	Ø15.88×5.52	2835 3030	-
	BLA160	160°	Ø16×4.77	2835 3030	-
	BLL170	170°	Ø21.2×5.35	2835 3030	•
	BGO200	160°	Ø17.8×5.42	3535	-

Zoom Lens

	Serial No	FWHM	Dimensions	Target LED	Connector
	DZM	15°~65°	Ø50×26.5	LES Ø6	-
	DZP	19°~60°	Ø70×35	LES Ø11	-

Zoom Lens Assembly Instruction



Available Distribution



Different distance between LED and lens will perform various beam angle.

Street Lighting

- 37 2 in 1 / 4 in 1 / 6 in 1 / 8 in 1
- 39 12 in 1
- 41 16 in 1 / 18 in 1 / 20 in 1
- 43 Others



Street Lighting

2 in 1 / 4 in 1 / 6 in 1 / 8 in 1

*All dimensions are in millimeters.



	Curve	Type	Part No	FWHM	Dimensions	LED	Gasket
		II	LL02CR-AUV45135L52	45°×135°	50×24.8×8.53	5050	-
			LL02CR-AUH45135L52				
		II	LL04CR-BXJ80150L02	80°×150°	50×50×7.05	3030 3535 5050	-
		III	LL04CR-BXJ45155L02	45°×155°	50×50×6.95		
		III	LL04CR-BXJ95165L19	95°×165°	50×50×4.2		
		IV	LL04CR-BXJ65165L19	65°×165°	50×50×6.97		
		V	LL04CR-BXJ60L02	60°	50×50×7.3		
		V	LL04CR-BXJ90L02	90°	50×50×7.3		
		I	LL04CR-CGM85135L02	85°×135°	50×50×6.9	3030 3535	-
		I	LL04CR-AU45135L46	45°×135°	50×50×8.3	5050	-
		V	LL04CR-CXE165L19	165°	50×50×5.82	3030 3535	-
		V	LL04CR-CXR165L52	165°	50×50×6.68	3030 3535 5050	-

	Curve	Type	Part No	FWHM	Dimensions	LED	Gasket
		II	LL04CR-CFN35155L02	35°×155°	50×50×6.5	3030 3535	-
		II	LL04LU-CFN90150L06	90°×150°	50×50×5.72	5050	-
		II	LL04LU-CFN110150L06	110°×150°	50×50×5.76	5050	-
		III	LL04LU-CFN70150L06	70°×150°	50×50×5.85	5050	-
		III	LL04CR-CFN60155L02	60°×155°	50×50×7.3	3030 3535	-
		II	LL04ZZ-WAU35140L52	35°×140°	65×65×9.9	3030 3535 5050	1
		III	LL06ZZ-DUP70155L52	70°×155°	50×50×5.77	5050	-
		I	LL08CR-CYT55130L02	55°×130°	50×50×6.43	3535	-
		IV	LL08CR-CYT95150L02	95°×150°	50×50×5.92	3535	-
		VS	LL08CR-CYT150150L02	150°×150°	50×50×5.25	3535	-
		I	LL08BR-DCB35140L52	35°×140°	118.26×70.26×9.69	3030 5050	2
		II	LL08NI-DNN55150Lxx	55°×150°	118.8×71.4×8.34	5050	3

1 LL01A00SVX2 2 LL01A00SWX2 3 LL01A00RTAX2

Street Lighting

12 in 1

*All dimensions are in millimeters.



	Curve	Type	Part No	FWHM	Dimensions	LED	Gasket
		I	LL12ZZ-CRC40135L19	40°×135°	50×50×5.3	3030 3535	-
		II	LL12ZZ-CRC45145L19	45°×145°	50×50×5.3		
		II	LL12ZZ-CRC45155L19	45°×155°	50×50×5.3		
		III	LL12ZZ-CRC60145L19	60°×145°	50×50×4.9		
		III	LL12ZZ-CRC60155L19	60°×155°	50×50×5.1		
		IV	LL12ZZ-CRC75140L19	75°×140°	50×50×4.43		
		V	LL12ZZ-CRC150L19	150°	50×50×4.05		
		II	LL12SS-AU85135L19	85°×135°	50×50×4.31	3030 3535	-
		II	LL12SE-DOL80155L02	80°×155°	146.6×49×6.92	3030	-
		II	LL12OS-EL50130L02	50°×130°	158.4×50.3×9.1	5050	-

	Curve	Type	Part No	FWHM	Dimensions	LED	Gasket
		II	LL12CR-CUQ60145L19 Vertical	60°×145°	173×71.4×8.15	3030 3535 5050	1
		II	LL12CR-CUQ70140L19 Horizontal	70°×140°	173×71.4×9.04		
		II	LL12NI-CUQ65150L06 Vertical	65°×150°	173×71.4×8.88		
		III	LL12CR-CUQ85155L19 Vertical	85°×155°	173×71.4×8.58		
		IV	LL12LU-CUQ15050L19 Horizontal	150°×50	173×71.4×8.4		
		IV	LL12CR-CUQ15155L19 Vertical	15°×155°	173×71.4×8.87		
		V	LL12CR-CUQ150L19	150°	173×71.4×8.63		
		I	LL12NI-CUQ55150L06 Vertical	55°×150°	173×71.4×8.87	3030 3535 5050	1
		II	LL12NI-CUQ15055L06 Horizontal	150°×55°	173×71.4×8.4		
		II	LL12NI-CUQ65145L06 Vertical	65°×145°	173×71.4×8.64		

1 LL01A00RSOX2

Street Lighting

16 in 1

*All dimensions are in millimeters.



	Curve	Type	Part No	FWHM	Dimensions	LED	Gasket
		I	LL16ZZ-DVV25145L19	25°×145°	50×50×4.18	LES Ø2.6	-
		II	LL16ZZ-DVV45140L19	45°×140°	50×50×4.17		
		II	LL16ZZ-DVV45155L19	45°×155°	50×50×3.92		
		III	LL16ZZ-DVV60145L19	60°×145°	50×50×3.78		
		III	LL16ZZ-DVV60155L19	60°×155°	50×50×3.68		
		IV	LL16ZZ-DVV70160L19	70°×160°	50×50×3.63		
		V	LL16ZZ-DVV150L19	150°	50×50×3.8		
		VS	LL16ZZ-DVV140140L06	140°×140°	50×50×4.94		
		I	LL16SE-BQL45145L51	45°×145°	167.6×73.6×7.6	5050	-

18 in 1 / 20 in 1

	Curve	Type	Part No	FWHM	Dimensions	LED	Gasket
		VS	LL18ZZ-DZR150L02	148°	173×71.4×8.45	5050	1
		II	LL18ZZ-DZR55145L02	98°×153°	173×71.4×8.14		
		V	LL20ZZ-DTD160L46	160°	270×70×10.61	5050	2
		II	LL20ZZ-DTD70155L46	70°×155°			
		III	LL20ZZ-DTD90150L46	90°×150°			
		III	LL20ZZ-DTD20140L46	20°×140°			
		IV	LL20ZZ-DTD110150L46	110°×150°			

1 LL01A00RSOX2 2 LL01A0XRWUX2

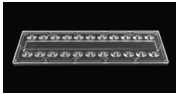















Street Lighting



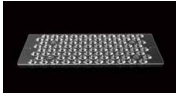

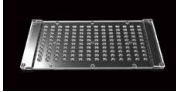

Others

*All dimensions are in millimeters.



	Curve	Type	Part No	FWHM	Dimensions	LED	Gasket
		I	LL18SE-CBZ50150L51	50°×150°	198×68×7.6	3030 4040 5050	①
			LL22SE-CBZ50150L51		238×68×7.6		②
			LL28SE-CBZ50150L51		158.3×98.03×7.6		③
			LL36SE-CBZ50150L51		188×98×7.6		④
		I	LL11SE-DFY40130L52-W	40°×130°	80×60×7.13	3535	-
			LL22SE-DFY40130L52-W		109×119×9.5		-
			LL28SE-DFY40130L52-W		100×100×9.1		⑤
		II	LL18HM-CSP60130L46	60°×130°	211×83×4.5	3030	-
		I	LL30NI-CTJ60145L51	60°×145°	107×84×5	3030	-
		II	LL30NI-CTX70150L51	70°×150°	134×68.5×6.07	3030	-
		I	LL38OS-CRR40145L46	40°×145°	229.4×70×13.4	3030	-
		II	LL38OS-CRR55155L46	55°×155°	229.4×70×13.4		
		II	LL40OS-CPJ75140L51	75°×140°	100×40×3.46	3030	-

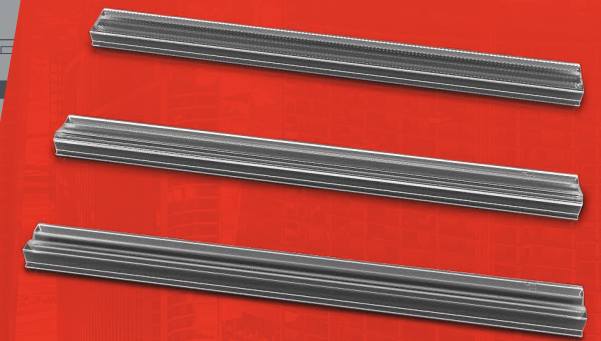
① LL01A0XRQX2 ② LL01A0XRVRX2 ③ LL01A0XRVSX2 ④ LL01A0XRVTX2 ⑤ LL01A00SZX2

	Curve	Type	Part No	FWHM	Dimensions	LED	Gasket
		I	LL48NI-CTX70150L46	70°×150°	230×60×6.64	3030	-
		III	LL48NI-CTX60155L46	60°×155°	230×60×6.64		
		II	LL84BR-DCN45150L46	45°×150°	200×70×5	3030	-
		II	LL140SE-CKT45130L51	45°×130°	272.6×123.6×9.2	3030	-



Area Lighting

- 47 4 in 1 / 6 in 1 / 8 in 1
- 48 9 in 1 / 12 in 1 / 16 in 1 / 18 in 1 / 24 in 1
- 49 Linear Lens



Area Lighting

4 in 1 / 6 in 1 / 8 in 1

*All dimensions are in millimeters.



Part No	FWHM	Dimensions	Target LED	Gasket
	9°	50×50×10	3030 3535	-
	25°/50°	50×50×8.5		
	25°/60°	50×50×12.86	3030 3535 5050	-
	40°	50×50×12.99		
	165°	50×50×6.68		
	20°×60°	50×50×8.5		
	20°×90°	50×50×12.6	3535 5050	-
	5°	50×50×25.45	3535	-
	25°	64.56×64.56×15.9	3535 / 5050	LL01A00SVX2
	60°	64.56×64.56×10.84		
	90°	64.56×64.56×10.4		
	150°	64.56×64.56×10.84		
	5°	106×106×24.7	3535	LL01A00RXXX3
	60°	50×50×7.13	5050	-
	90°	50×50×6.73		
	150°	50×50×6.26		
	30°	50×50×7.4	3535	-
	55°	50×50×7		
	90°	50×50×6.93		
	30°	49.48×49.48×7.5	5050	-
	60°	118.8×71.4×11.23	5050	LL01A00RTAX2
	90°	118.8×71.4×8.75		
	150°	118.8×71.4×8.75		

9 in 1 / 12 in 1 / 16 in 1 / 18 in 1 / 24 in 1

Part No	FWHM	Dimensions	Target LED	Gasket
	5°	136×136×24.7	3535	LL01A00RXYX3
	5°	166×166×24.7	3535	LL01A00RXZX3
	30°	173×71.4×13.15	3535 5050	LL01A00RSOX2
	60°	173×71.4×11.28		
	90°	173×71.4×8.81		
	150°	173×71.4×8.63		
	25°/55°	50×50×6.3	3030	-
	90°	50×50×3.8		
	150°	50×50×4.05		
	10°	50×50×9.6	3535	-
	25°	50×50×6.28		
	55°	50×50×5.63		
	90°	50×50×4.91		
	90°	50×50×4.91		
	25°	50×50×6.3	3030	-
	55°	50×50×7.3		
	90° / 150°	50×50×3.8		
	20°×60°	50×50×7.2		
	60°	173×71.4×11.28	5050	LL01A00RSOX2
	90°	173×71.4×8.8		
	60°	173×71.4×10.1	5050	LL01A00RYGX2
	90°			
	150°			

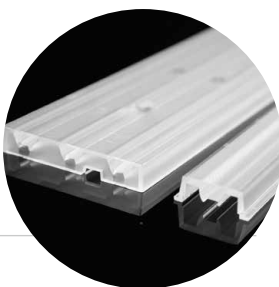
Area Lighting

Linear Lens

*All dimensions are in millimeters.



	Curve	Part No	FWHM	Dimension	Target LED	Gasket
		LL01NI-CRO15L06	15°	280×26.63×11.7	2835 3030 5630	-
		LL01NI-CRO30L06	30°	280×26.63×11.7		
		LL01NI-CRO45L06	45°	280×26.63×11.7		
		LL01NI-CRO60L06	60°	280×26.63×9.45		
		LL01NI-CRO100L06	100°	280×26.63×9.59		
		LL01NI-CRO3090L06	30°×90°	280×26.63×9.45		
		LL01NI-CRO3595L06	35°×95°	280×26.63×11.86		
		LL01NI-CRO70125L06	70°×125°	280×26.63×10.49		
		LL01NI-CRO110145	110°×145°	280×26.63×10		
		LL01SP-ENP15L06	15°	1000×16.4×9.55	2835	-



	Curve	Part No	FWHM	Dimension	Target LED	Gasket
		LL01ZZ-DYB60L06	60°	1140×26.15×6.5	LES Ø2.6	-
		LL01ZZ-DYB90L06	90°	1140×26.15×6.89		
		LL01ZZ-DYB125L06	125°	1140×26.15×6.96		
		LL01ZZ-DYB4070L06	40°×70°	1140×26.15×6.5		
		LL01ZZ-DYB65105L06	65°×105°	1140×26.15×6.2		
		LL03ZZ-CRO3090L06	30°×90°	286×61×9.45	2835 3030 5630	-
		LL03ZZ-CRO3595L06	35°×95°	286×61×11.4		
		LL03ZZ-CRO6090L06	60°×90°	286×61×9.45		
		LL03ZZ-CRO70125L06	70°×125°	286×61×9.9		
		LL03ZZ-CRO100L06	100°	286×61×9.45		

CRO Series Sectional View

LL01NI-CRO××L06



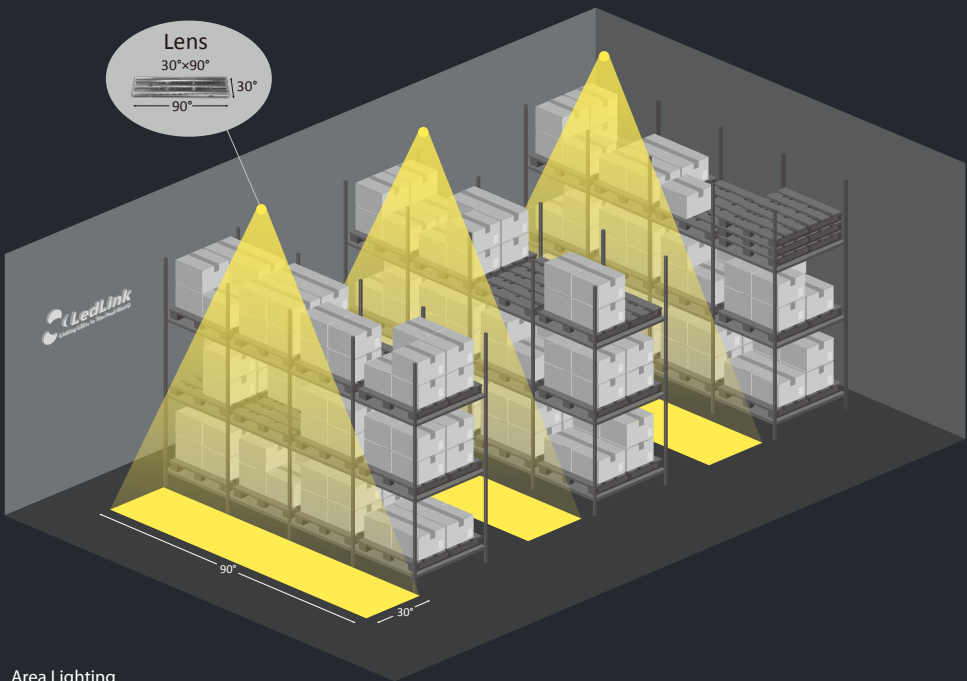
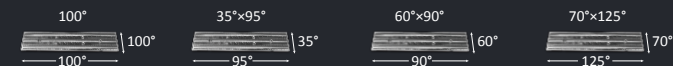
LL24NI-CRO××L06



LL03ZZ-CRO××L06



LL03ZZ-CRO××L06 Set Up Instruction



	Curve	Part No	FWHM	Dimension	Target LED	Gasket
		(1line)LL14ZZ-EXI60L02	60°	279.4×31.11×12.04	3030	-
		(2line)LL14ZZ-EXI60L02	60°			
		(1line)LL14ZZ-EXI90L02	90°			
		(2line)LL14ZZ-EXI90L02	90°			
		LL24NI-CRO60L06	60°	280×26.63×9.45	2835 3030 5630	-
		LL24NI-CRO90L06	90°			
		LL33LU-DOA25L52	25°	321×79×9.07	2835 3030 5630 5050	LL01A00RTBX2
		LL33LU-DOA60L52	60°	321×79×9.4		
		LL33LU-DOA90L52	90°	321×79×9.07		
		LL44ZZ-DCP30L52	30°	280×62×9.35	2835 3030 3535	-
		LL44ZZ-DCP60L52	60°	280×62×8.1		
		LL44ZZ-DCP90L52	90°	280×62×7.5		
		LL44ZZ-DCP20110L52	20°×110°	280×62×9.07		
		LL44ZZ-DCP70120L52	70°×120°	280×62×8.63		
		LL44ZZ-DCP20110L52	20°×110°	280×62×9.07		



Automotive Lighting

- 55 Head Lamp
- Tail Lamp
- Lateral Linear Lens
- Daytime Running Light
- Reading Lamp
- Head Up Display
- Motorcycle Head Lamp
- 57 Automotive Lighting Equipment



Automotive Lighting

Overview



IATF 16949 ISO 9001 ISO 14001



Tail Lamp



Lateral Linear Lens



Daytime Running Light



Head Lamp



Reading Lamp



Head Up Display



Motorcycle Head Lamp



Automotive Lighting Equipment

Goniophotometer for Automotive and Signal Lights

Function

With this system, Ledlink is able to validate light distribution quality quickly in house for signal light, automotive lighting, marine lighting, agricultural vehicles lighting, retroreflector...etc. It fully meets the requirement of relevant standards including national standard, SAE, JIS, ECE...etc.

Testing Range

Horizontal Rotation Range of Luminaires -180°~+180°
 Vertical Rotation Range of Luminaires -120° ~+120°
 Adjustable Range (Z Axis) 0~380mm
 Maximum Loading 35kg
 Photometry Range 0.0001 lx~200000 lx

Accuracy

Accuracy of angle 0.03°
 Everfine Class A detector f1' <3%

Measurement

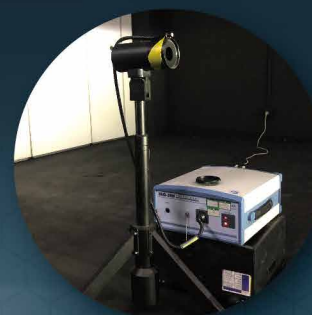
Fixing the lamp and adjust the center with laser positioning point; lighting up the lamp till the heat stable and starting measurement.

Testing Room

Length 27.5 meters
 Width 7 meters



Control system
(Measurement Station,
Power Supply, Photometer)



Spectrometer



Detector



Testing Room

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