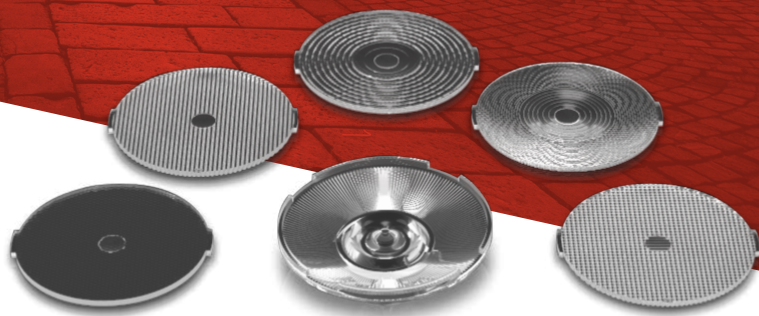




2021

Product Catalogue



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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



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

Landscape Lighting

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



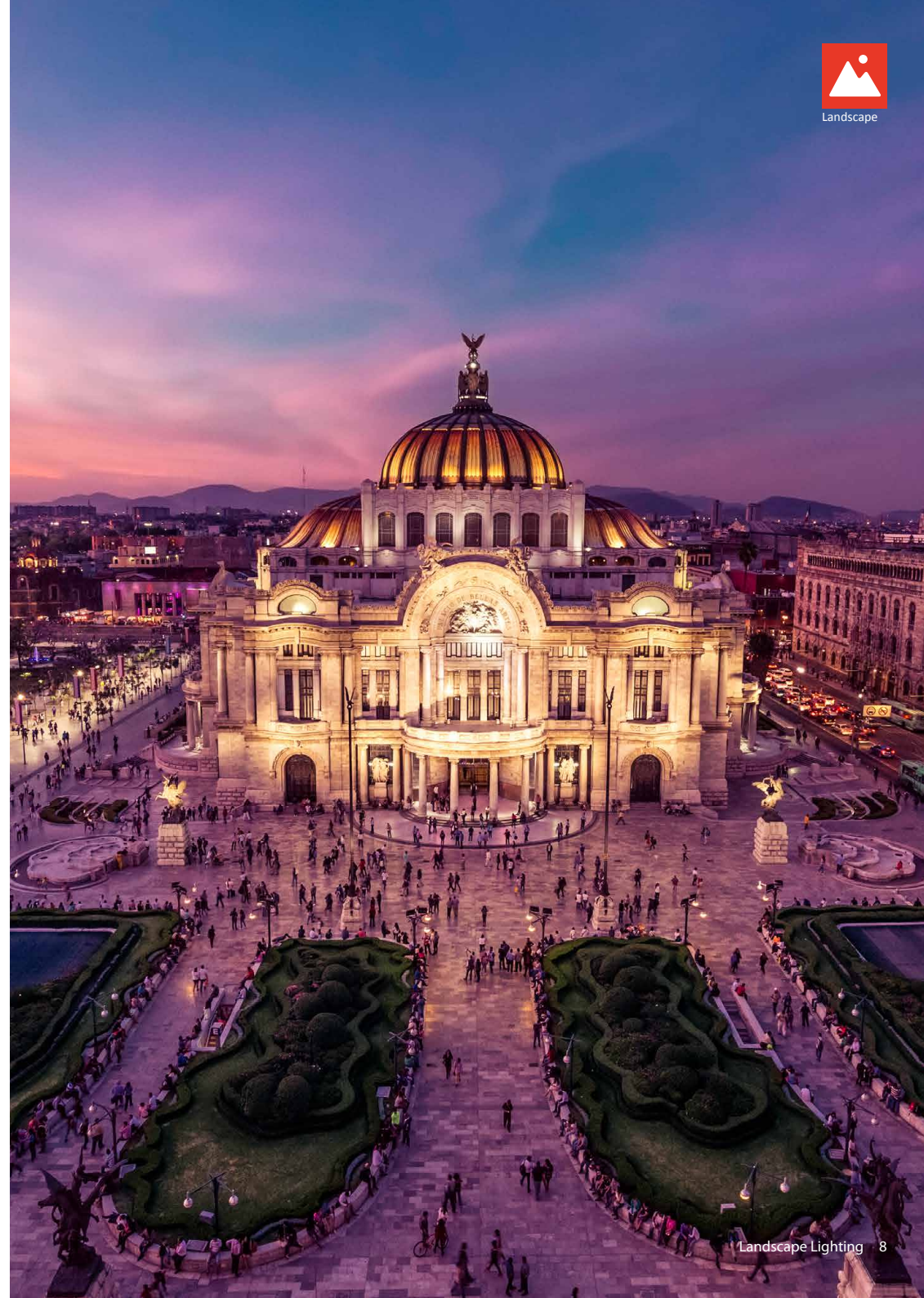
Landscape Lighting

Under Ø20 mm

*All dimensions are in millimeters.



	Part No	Dimensions	Angle	LED Size	Tape
	LL01ZZ-DRTxL06-M1	Ø10.24×7	15°/20°/25°/38° 60°/20°×40°	3535	-
	LL01CR-DFxL06-M2-T	Ø13.5×7.35	25°/40°/60°/80° 100°/30°×65°	3535	●
	LL01LU-DFxL06-M2-T			3045	
	LL01CR-BDFxL06-M2-T	Ø13.5×7.35	25°/40°/60°/80° 100°/30°×65° 30°×70°	2525	●
	LL01LU-BDFxL06-M2-T			3045	
	LL01OS-BDFxL06-M2-T			3030	
	LL01CR-AAFxxL02-M2-T	Ø13.5×7.35	25°/45°/60°	3535	●
	LL01HS-AAFxxL02-M2-T	Ø13.5×7.35			
	LL01OS-AAFxxL02-M2-T	Ø13.5×7.35		3030	
	LL01NI-AAFxxL02-M2-T	Ø13.5×8.05		5050	
	LL01ZZ-DBIxxL06-M2	Ø15.3×9.1	30°/45°/60° 30°×60°	5050	-
	LL01NI-BYKxxL19-T	16×16×8	20°/30°/40°/60° 25°×45°	2525 3030 3535	●
	LL01CR-HQxxL06-M2	Ø16×10.3	15°/25°/30°/40° 60°/80°/25°×45°	3535	-
	LL01CR-SNxxL06-M2-T	Ø16.3×10.3		3535	●
	LL01ZZ-HQxxL06-M2-T	Ø16.1×9.9		3030/3535	
	LL01CR-OTxxL06-M2	Ø16.6×10.4	32°/40°/60°/80°	3535	-



Landscape Lighting

Ø20~30 mm

**All dimensions are in millimeters



	Part No	Dimensions	Angle	LED Size	Tape
	LL01LU-AA2065L06-M2	Ø21×12.6	20°×65°	1LA5	-
	LL01CR-AA2065L06-M2-T	Ø21×11.4		3535	●
	LL01CR-SQ××L06-M2-T	Ø21×13.9	40°/60°/80°	5050	●
	LL01OS-MQ××L06-M2	Ø21.05×14.75	15°/25°/40°/60°	3030	-
	LL01CR-AFC××L06-M2-T	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°	3535	●
	LL01OS-AFC××L06-M2-T	Ø21.3×12.35		3030	●
	LL01CR-WX××L06-M2	Ø21.3×12.35		3535	-
	LL01OS-VS××L06-M2	Ø21.3×12.35		3030	-
	LL01ZZ-YR××L06-M2	Ø21.3×12.35		3045	-
	LL01JR-AFC××L06-U2	Ø21.9×12.35		3535	-
	LL01CR-CRI1055L02-M2	22×22×9.8	10°×55°	3030 3535	-
	LL01ZZ-DTL×××L06-M2	Ø22.1×14.76	Wall Washing Height 1M/2M/3M	3030 3535	-
	LL01CR-DQD06L06	Ø22.5×17.7	6°	3535	-

	Part No	Dimensions	Angle	LED Size	Tape
	LL01ZZ-EX××L06-U2	Ø22.4×9.63	10°/15°/25° 40°/60°/110° 30°×65°/30°×85°	-	-
	LL01ZZ-EX××L06-M2-T	Ø22.4×9.63		3535	●
	LL01CR-EX××L06-M2-T	Ø23×10.63		-	●
	LL01OS-EX××L06-M2-T	Ø22.4×9.63		3030	●
	LL01LU-EX××L06-M2-T	Ø22.4×9.63		3045	●
	LL01CR-OS××L06-M2-T	Ø22.4×9.13		2525	●
	LL01CR-BEX××L06-M2-T	Ø 22.4×9.13	25°/40°/60°	2525	●
	LL01CR-NE××L06-M2	Ø23.5×15.8	15°/17°/25°/40°/60° 80°/10°×45°/25°×45°	-	-
	LL01CR-CNE××L06-M2-T	Ø23.5×15.8		3535	●
	LL01NI-NE××L06-M2-T	Ø21.4×15.8		-	●
	LL01NI-ANE××L02-M2-T	Ø23.5×15.8	10°/20°/30°/55°	3535	●
	LL01CR-BNE××L06-M2	Ø23.5×15.8	25°/40°/60°/35°×70°	2525	-
	LL01NI-BNE××L06-M2-T	Ø21.4×15.8		3535	●
	LL01XP-FL××L06-M2-T	Ø24.3×11.6	10°/25°/40°/60° 100°/30°×65°	3535	●
	LL01LU-FL××L06-M2-T	Ø24.3×11.6		3045	●
	LL01CR-FL××L06-M2	Ø24.3×12.15		7090	-
	LL01ZZ-FL××L06-M2	Ø24.3×11.5		5050	-
	LL01ZZ-AFL××L02-M2	Ø24.3×12.3	35°/50°/70°	7090	-
	LL01CR-AFL××L02-M2-T	Ø24.3×11.8		9090	●
	LL01LU-AFL××L02-M2-T	Ø23.6×12.5		7070	●
	LL01CR-CSS1226L06	24×24×13.6	12°×26°	3030 3535 3737	-



Landscape Lighting

Ø30~60 mm

*All dimensions are in millimeters.



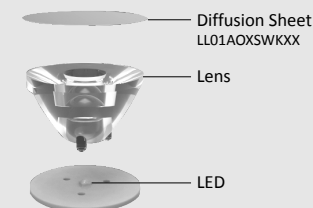
	Part No	Dimensions	Angle	LED Size	Tape
	LL01CR-WIxxL02-M2-T	Ø32.8×18	15°/25°/40°	5050	●
	LL01CR-DGxxL06-M2	Ø32.8×18	20°/30°/40°/50° 60°/100°/30°×85°	5050/7090	-
	LL01CR-ADGxxL06-M2-T	Ø32.8×18		5050	●
	LL01XP-DGxxL06-M2	Ø32.8×18		3535	-
	LL01LU-DGxxL06-M2	Ø32.8×17.3		7070	-
	LL01MH-DGxxL06-M2-T	Ø32.8×18		5050	●
	LL01CR-BLUxxL06-T	Ø35×20.1	3°/5°/5°×20°	3535/5050	●
	LL01CR-BLUxxL06-M2-T	Ø38.2×22.2	3°/5°/5°×20°	3535	●
	LL01CR-BLUxxL06-M2-T + LL01CR-DLXxxL02	Ø38.2×22.2	15°/25°/38°/10°×35°	3535	●
	LL01ZZ-EHE10L06 + LL01AOXSWKXX	Ø36×21	10°	3535	-
	LL01LU-DQP02L06	Ø35×20.1	2°	2020	-
	LL01LU-DQP02L06-M2	Ø38.2×21.3			
	LL01CR-ZExxL02-M2-T	Ø37.1×20.7	20°/30°/45°	9090	●
	LL01CR-EFF05L06-Mx-T	Ø37.5×18.5	5°	3535	●
	LL01ZZ-DBGxxL06-M2-T	Ø37.5×20	10°/15°/24°/36°/60° 15°×55°	5050	●

	Part No	Dimensions	Angle	LED Size	Tape
	LL01ED-AYxxL06-M2	Ø46×27.1	10°/38°	5050	-
	LL01ED-FGxxL06-M2			7070 9090	-
	LL01CR-PVxxL02-M2	Ø47.2×25.65	45°/60°/80°	5050 7070 9090	-
	LL01ZZ-AHAxxL06	Ø50×25.4	5°/10°	3535/5050/3045	-
	LL01ZZ-AHAxxL06-M2-T	Ø52×27	5°/10°	3535/5050	●
	LL01ZZ-AHAxxL06-M2-T + LL01ZZ-DCXxxL52	Ø52×27	10°/15°/20°/30°/40°/60°	3535/5050	●
	LL01ZZ-EIL10L06-M2-T + LL01AOXSWPXX	Ø52×27	10°	3535	●

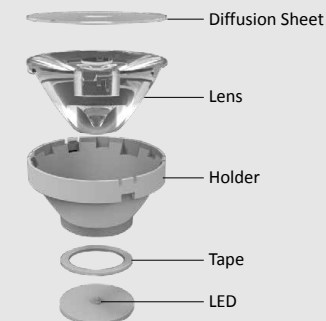
Note Lens with Diffusion Sheet



BLU Series
Ø38.2×22.2mm



EHE Series
Ø36×21mm



AHA / EIL Series

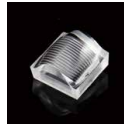
Landscape Lighting

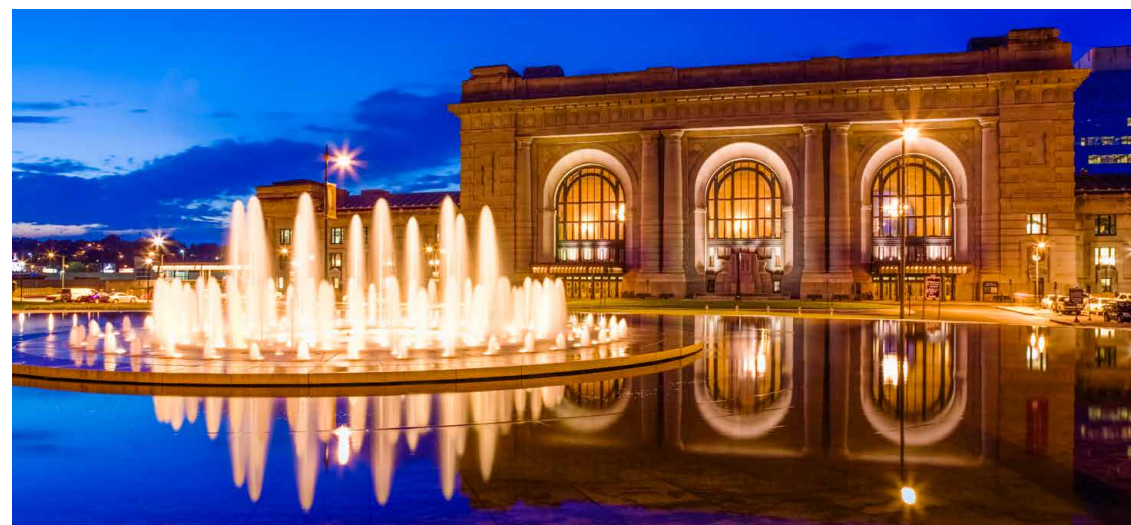
Waterproof Lens

*All dimensions are in millimeters.



	Part No	Dimensions	Angle	LED Size	Tape
	LL01ZZ-DCJxxL06	Ø15×8.7	30°/40°/60° 30°×50°	5050	-
	LL01ZZ-DBTxxL06	Ø15×8.5	24°/36°/60°/30°×50°	2835 3030	-
	LL01ZZ-DBWxxL06	Ø15.5×7.15	24°/30°/40°/60° 25°×45°/30°×60°	3030	-
	LL01OS-DMO2040L46	Ø16×8.5	20°×40°	3030	-
	LL01OS-BFVxxL06	Ø20.8×12.35	10°/15°/25°/30° 10°×40°	2525 3045 3535 3030	-
	LL01ZZ-DGWxxL06	Ø22×12	10°/15°/20°/30°/45° 60°/10°×60°/15°×45°	3030 3535	-
	LL01OS-DPPxxL46	Ø22.5×12.4	10°/25°/40°	3030	-
	LL01ZZ-DCCxxL06	Ø22.5×12.4	10°/15°/24°/36°/60° /10°×15°/10°×30° 10°×45°/10°×60°	3535	-

	Part No	Dimensions	Angle	LED Size	Tape
	LL01ZZ-DBOxxL06	Ø22.5×12.4	15°/24°/30°/40°/60° 15°×30°/15°×45° 15°×60°	3030 3535	-
	LL01ZZ-DDOxxL06	Ø22.5×13.3	15°/24°/30°/40°/60° 15°×30°/15°×45° 15°×60°	3030	-
	LL01CR-CAXxxL06	20.5×20.5×13.8	10°×90°/25°×90°	3030 3535	-
	LL01CR-CAX3585L02	24×19×10.51	35°×85°	3535	-



Landscape Lighting

Color Mixing Lens

*All dimensions are in millimeters.

	Part No	Dimensions	Angle	LED Size	Tape
	LL01CR-YJxL02-M2-T	Ø21×13.9	25°/40°/60°	5050	•
	LL01CR-WYxL02-U2	Ø21×14.25	80°/100°	5052	-
	LL01CR-DYJxL06-U2	Ø21×14.25	25°/40°/60° 15°×30°/25°×60°	5052	-
	LL01ZZ-YLxL06-M2	Ø25×15	10°/20°/30° 15°×50°	3030	-
	LL01ZZ-YTxL06-M2				-
	LL01ED-CVxL06-M2	Ø21.1×15	15°/25°/45°	1LA5	-
	LL01ED-AFDxL06	Ø26×15.5	15°/20°	3535/5050	-
	LL01CR-DVY15L06	Ø35×20.1	15°	5050	-
	LL01ED-BCQxL06-M1	Ø38.1×20.2	15°/30°/40°/60° 15°×30°/20°×55° 30°×50°	5050	-
	LL01CR-BCQxL06-M1	Ø38.1×20.9		7090	-
	LL01CR-ANWxL06	Ø45×26.3	10°/20°/30°	7090/Ostar RGBW	-
	LL01CR-BJHxL06		10°/30°	5050	-



Windowsill Lens

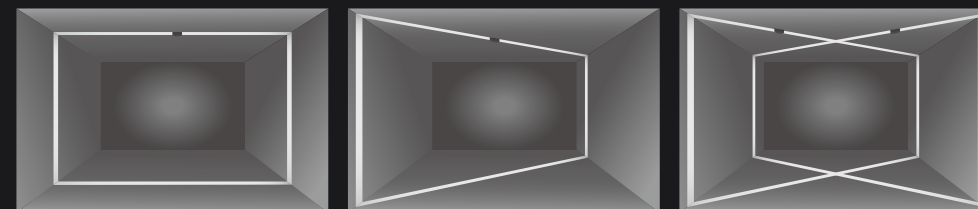
Linear Light Distribution for Decorative Lighting



NEW CZP / DEZ Series



Simulation



Distribution



CZP Series



Waterproof Gasket
LL01A00SUX2

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)



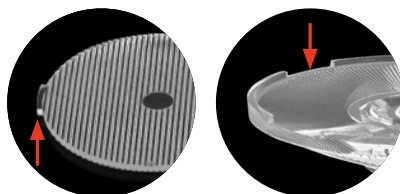
Commercial Lighting

- 19 V-CUT Series
- 21 Ultra-Thin Hybrid Lens
- 24 Zoom Lens
- 25 Ø20~50 mm
- 27 Ø50~80 mm
- 29 Ø80~100 mm

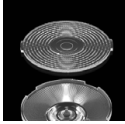


Commercial Lighting

V-CUT Series

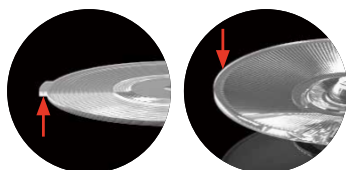


1
Note Available with Positioning Structure.

Part No	FWHM	DxH	LED Size	Connector
Athena Series				
 LL01CR-DAW10L02	10°	Ø45×9.85	LES Ø6	LL01CIZA120H2 (CREE CXA1310/ CITIZEN CLU701)
LL01CR-DAW××L02	15°/24°/38° 10°×60°/30°×60°	Ø45×11.35 (With Lens)		
 LL01CR-DKW10L02	10°	Ø45×10.85		
LL01CR-DKW××L02	1 Note 15°/24°/38° 10°×60°/30°×60°			
 LL01CR-DAX10L02	10°	Ø60×13.27	LES Ø9	LL01CIYZ120H2 (CREE CXA15××/ CITIZEN CLU711)
LL01CR-DAX××L02	15°/24°/38° 10°×60°/30°×60°	Ø60×14.77 (With Lens)		
 LL01CR-DKX10L02	10°	Ø60×14.77		
LL01CR-DKX××L02	1 Note 15°/24°/38° 10°×60°/30°×60°			
 LL01CR-DAY10L02	10°	Ø75×15.1	LES Ø9~9.8	LL01CRWF15H2 (CREE CXA1520/ CITIZEN CLU028)
LL01CR-DAY××L02	15°/24°/38° 10°×60°/30°×60°	Ø75×16.6 (With Lens)		
 LL01CR-DKY10L02	10°	Ø75×16.6		
LL01CR-DKY××L02	1 Note 15°/24°/38° 10°×60°/30°×60°			
NEW  LL01CR-DAZ10L02	10°	Ø90×17	LES Ø16	LL01CRWC15H2 (CREE CXA1830)
LL01CR-DAZ××L02	2 Note 15°/24°/38°	Ø90×18.5	LES Ø14.5	-

2 Note DAZ Series

Diffusion Sheet is available with positioning structure. Lens is not.



Part No	FWHM	DxH	LED Size	Connector
Apollo Series				
 LL01CR-DAH××L06	15°/24°/36°	Ø54.7×30	LES Ø9~13.5	LL01CRWF15H2 (CREE CXA1520/ CITIZEN CLU028)
LL01CR-CZX××L06	15°/24°/38°	Ø71.8×44.8	LES Ø12	LL01CRWC15H2 (CREE CXA1830/ CITIZEN CLU038)

Zeus Series				
 LL01CR-CTZ××L52-C	24°/36°	Ø35×29	5050	-
LL01CR-CTY××L52-C	24°/36°	Ø50×37.35	5050	-

Part No	DxH	Assembly Lens	FWHM	LED Size
Hera Series - Anti-Glare Cover				
 LL01CR-CUG38L14	Ø67.5×25.13	LL01CR-CEW38L02	38°	LES Ø6
LL01CR-CUE34L14	Ø112×41.69	LL01CR-CEN38L02	34°	LES Ø9
LL01CR-CUF34L14	Ø123×42.03	LL01CR-CEO38L02	34°	LES Ø12

Assembly Instruction



Athena Series DKW/DKX/DKY

Hera Series CUG/CUE/CUF

Zeus Series CTZ/CTY

Commercial Lighting

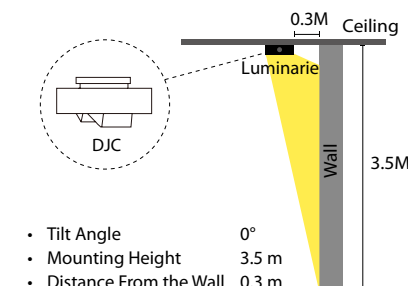
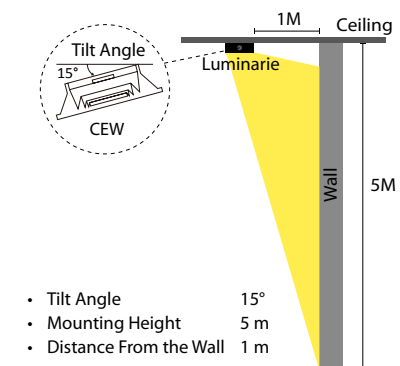
Ultra-Thin Hybrid Lens

*All dimensions are in millimeters.



Part No	FWHM	DxH	Target LED	Connector	Snap Lock	Solder-Free Connector
 LL01CR-CHQ×L02	24°/38°/45°	Ø35×10.5	LES Ø8~11	LL01A00CSLB2 (Cree CXA15××, CXB1512/ Lumileds LHC1-1203, L2C5-1203×0900)		LL01A00CWFB2 (Cree CXA13××)
 LL01CR-CEW×L02	Note 12°/24°/38°/45° 60°/27°×31° 36°×62°/38°×64°	Ø50×15	LES Ø8~11	LL01A00CSNB2 (Luminus CHM-6)		LL01A00CWGB2 (Citizen CLU70×)
 LL01CR-DJC×L06-M2	Note 30°×50°	Ø53.48×16.75	LES Ø8.9	-		-
 LL01CR-CEN×L02	12°/24°/38° 45°/60°	Ø70×17.5	LES Ø6~19	LL01A00CSKB2 (Cree CXA18××)		LL01A00CWHB2 (Nichia 108B)
 LL01CR-CFE×L02	12°/24°/38°	Ø70×17.5	LES Ø6~19	LL01NIWZ24H2 (Nichia 108B)		LL01A00CWDB2 (Cree CXA15××)
 LL01CR-CEO×L02	12°/24°/38°/60°	Ø90×19.5	LES Ø8.6~19	-		LL01A00CWEB2 (Citizen CLL03×)

Note Set Up Instruction



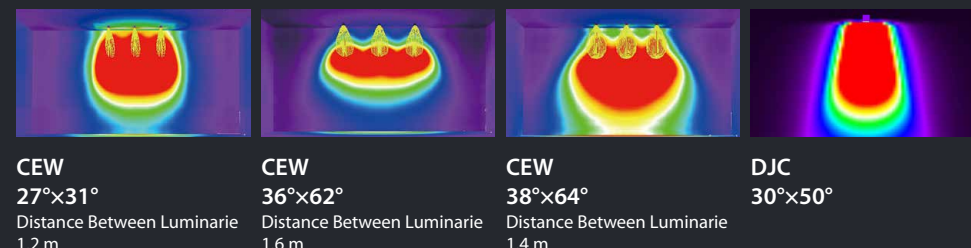
Snap Lock

Solder-Free Connector Assembly Instruction



Note

CEW / DJC Series Lighting Effects



Commercial Lighting

Ultra-Thin Hybrid Lens

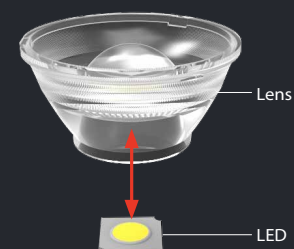
*All dimensions are in millimeters.

	Part No	FWHM	D×H	Target LED	Connector
	LL01ZZ-DYF××L02-M2	15°/24° 38°/60°	Ø35×12.35	LES Ø4.5~9.8	LL01A00XVWB2 (CITIZEN CLU028/CLU701/ CREE CXA1310) LL01A00XVXB2 (BRIDGELUX DS400 V4 HD)
	LL01ZZ-DUU××L02-M2	15°/24°/38°	Ø45×14.7	LES Ø6~14.5	LL01A00CWJB2 (CREE 13××/ CITIZEN CLU701/ LUMILEDS L2C1 1202)
	LL01ZZ-CPR××L46	24°/38°	Ø47×8.5	5050 LES Ø6~10	-
	LL01CR-CGI××L52	24°/36°	24°: Ø53.5×8.7 36°: Ø53.5×6.7	LES Ø8.9	-
	LL01ZZ-DZK××L02-M2	15°/24° 38°/60°	Ø62×22.7	LES Ø6~16	LL01A00CWNB2 (CITIZEN CLU711) LL01A00CXCB2 (CREE CXA18××) LL01A00CXDB2 (CREE CXA15××) LL01A00CXEB2 (CITIZEN CLU028/ CLU701)
	LL01ZZ-DUV××L02-M2	15°/24°/38°	Ø70×22.7	LES Ø6~14.5	LL01A00CWNB2 (CREE CAX15××/18××/ CITIZEN CLU028)
	LL01ZZ-DUF××L02-M2	15°/24° 45°/60°	Ø72.6×16.55	LES Ø8.9~16	LL01A00CXCB2 (CREE CXA1830) LL01A00CXDB2 (CREE CXA1520) LL01A00CXEB2 (CITIZEN CLU028)
	LL01ZZ-CPQ××L46	24°/38°	Ø74.4×13	7070 LES Ø8.9~16	-
	LL01ZZ-DUG××L02-M2	15°/24°/38° 45°/60°	Ø86.9×19.4	LES Ø8.9~14.5	LL90A00SWBB2 (CREE CXA1520) LL90A00SWAB2 (CREE CXA1820) LL90A00SVSB2 (CITIZEN CLU038)

Zoom Lens

	Part No	FWHM	D×H	Target LED	Connector
	LL01CT-DZM6015L06	15°~65°	Ø50×26.5	LES Ø6	-
	LL01CI-DZP6018L06	19°~60°	Ø70×35	LES Ø11	-

Zoom Lens Assembly Instruction



Available Distribution



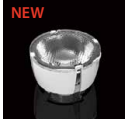
Different distance between LED and lens will perform various beam angle.

Commercial Lighting

Ø20~50 mm

*All dimensions are in millimeters.



	Part No	FWHM	Dimensions	LED Size	Connector
	LL01ED-ACA××L14	24°/38°	Ø29.9×12	7070 LES Ø8~12	-
	LL01NI-QI25L06-M2	25°	Ø30×17	LES Ø6.7~8.7	-
	LL01BR-DXQ××L06-M2	15°/24° 38°/60°	Ø30×17	LES Ø4.5	-
	LL01CI-DXQ××L06-M2			LES Ø6	
	LL01ZZ-DXQ××L06-M2		Ø30×13.7	LES Ø4.5 LES Ø6	
				LL01BRABW02H2 (Bridgelux DS400 V4 HD)	
				LL01CIABW03H2 (Citizen CLU701/CREE CXB1304)	
	LL01CR-ABG××L02	24°/38°/55°	Ø34×15.7	5050/7070/9090 LES Ø6~9	-
	LL01CR-BJL40L02	40°	Ø35×12.55	LES Ø6~13.2	-
	LL01DY-DTS10L52-M2	10°	Ø35×17.5	LES Ø2.8	LL01CIZA120H2 (TOYONIA M04/M05)
	LL01CI-DZU××L06-M2	15°/24° 38°/60°	Ø35×20.9	LES Ø6	LL01A00XVWB2 (CITIZEN CLU701)
	LL01SP-AVA40L06	40°	Ø42×9.65	LES Ø4~18.5	-

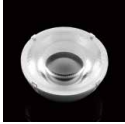
	Part No	FWHM	Dimensions	LED Size	Connector
	LL01DY-DTT10L52-M2	10°	Ø43×27	LES Ø4	LL01CIZA120H2 (TOYONIA M04/M05)
	LL01WT-BSS××L46	24°/32°	Ø44×12.2	LES Ø6~13.2	-
	LL01ED-ABY24L02	24°	Ø44×14.1	5050/7070 LES Ø4~9.8	-
	LL01CR-AQH××L02	38°/45°	Ø44×14.1	5050/7070 LES Ø4~9.8	-
	LL01NI-BNX××L02	38°	Ø44×14.6	3030 LES Ø6~9.9	-
	LL01CI-ZN××L06	25°/40°	Ø44.4×11	LES Ø6	-
	LL01ZZ-DRX××L06-M2	15°/24°/38°	Ø44.5×20.5	LES Ø6	LL01A00CWJB2 (CREE 13××) LL01A00CXHB2 (CITIZEN CLU701)
	LL01CI-WL××L02	40°	Ø49.2×9.5	LES Ø6~16	-

Commercial Lighting

Ø50~80 mm

*All dimensions are in millimeters.



Part No	FWHM	Dimensions	LED Size	Connector
 LL01CR-CTK××L02-P	10°/15°	Ø49.5×7.8	3535 LES Ø6~6.7	-
 LL01CR-ABH××L02	40°/60°	Ø50×10.4	7070/9090 LES Ø6~16.2	-
 LL01CI-ZO××L06	25°/40°	Ø60×15.2	LES Ø9.8~13.5	-
 LL01ZZ-DRY××L06-M2	15°/24°/38°	Ø68.5×28.5	LES Ø9~9.8	LL01A00CXFB2 (CREE CXA15××) LL01A00CWMB2 (CREE CXA18××) LL01A00CXGB2 (CITIZEN CLU028)
 LL01CI-AAK××L06	25°	Ø68.8×19	LES Ø13.5~14.5	-
 LL01CI-ZM××L06	40°	Ø68.8×19.18	LES Ø13.5~14.5	-
 LL01CT-BBX××L06	24°/38°	Ø69×22.7	LES Ø9.8~14.6	-
 LL01CI-WN××L02	40°	Ø72×12.9	LES Ø8.9~16	-

Part No	FWHM	Dimensions	LED Size	Connector
 LL01ZZ-DRZ××L06-M2	15°/24°/38°	Ø74.5×28.5	LES Ø9~12	LL01A00CXDB2 (CREE CXA15××) LL01A00CXC2 (CREE CXA1830) LL01A00CXEB2 (CITIZEN CLU028)
 LL01ED-ABX××L06	24°/38°	Ø75.8×24.35	9090 LES Ø8~24.2	-
 LL01CR-BAY××L06	24°/38°	Ø76×22.5	LES Ø8.6~24.2	-
 LL01CT-AMY××L06	24°/38°	Ø76×23	LES Ø12~24.2	LL30A00SULB2 (Can be compatible with Ø25mm LED)
 LL01CT-AZW××L02-P	12°/15° 24°/38°	Ø76.1×12.7	LES Ø9~19	LL30A00SUNB2-M2 (CITIZEN CLL020-1203)
 LL01CT-AOF××L06-M2	24°/38°	Ø76.4×16.7	LES Ø6~19	-

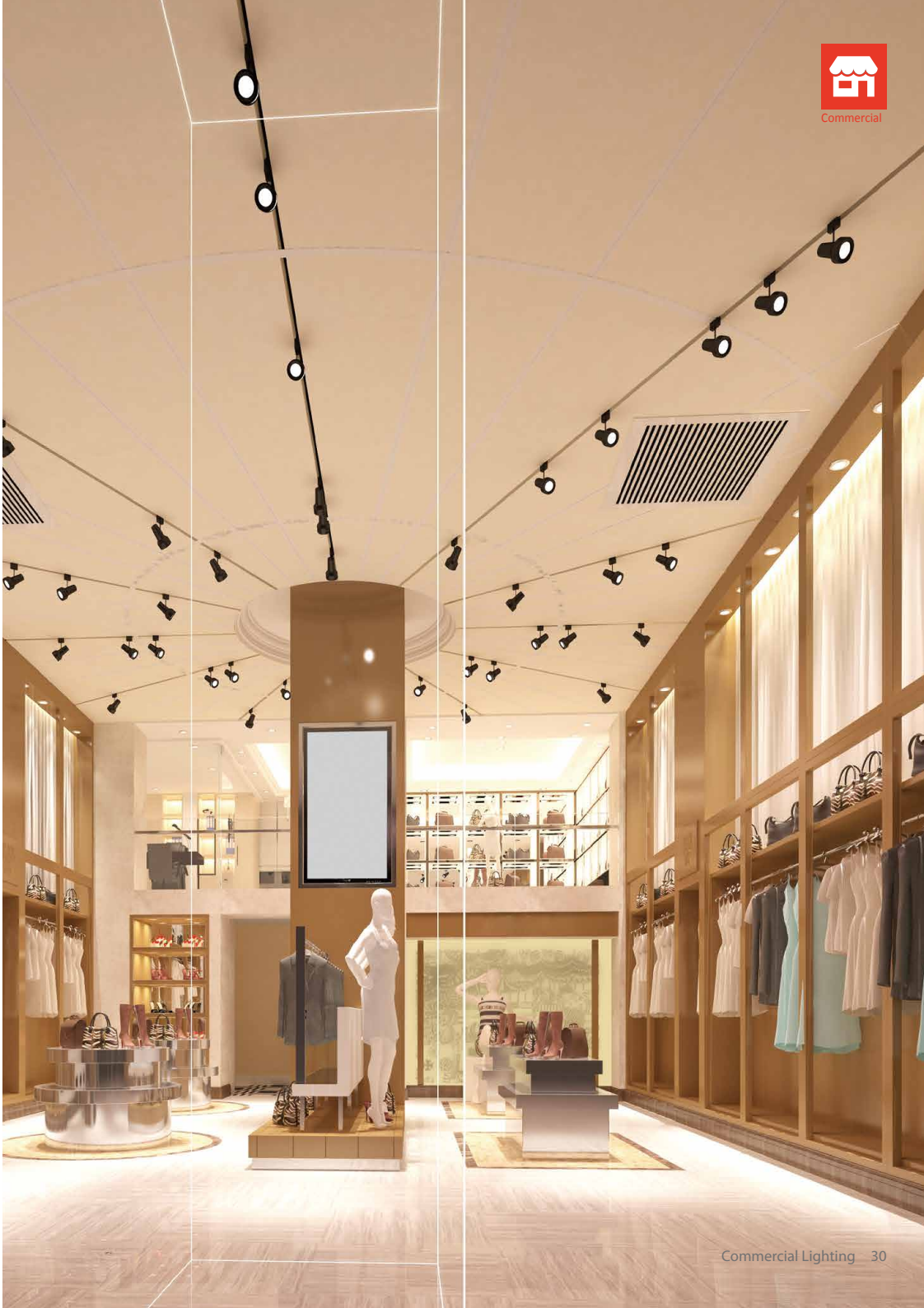


Commercial Lighting

Ø80~100 mm

*All dimensions are in millimeters.

Part No	FWHM	Dimensions	LED Size	Connector
 LL01CT-AZN××L02-P	15°/24°/38°	Ø88.5×15	LES Ø6~19	LL01A00SUF2 (Citizen CLL030)
 LL01CT-BZN15L02-P	15°	Ø88.5×15	LES Ø9~19	LL38A00SUQB2-M2 (Citizen CLL030)
 LL01ED-ASA××L06-P	12°/24°/38°	Ø90.6×22	LES Ø8.6~26.5	LL38A00CSFM2 (Can be compatible with Ø20mm LED)
 LL01CT-APG××L06-M2	24°/38°	Ø90.8×22	LES Ø6~26.5	-
 LL01CI-WM××L02	40°	Ø92.5×27.5	LES Ø11.2~18.4	-



Street Lighting

- 33 2 in 1 / 4 in 1 / 6 in 1 / 8 in 1
- 35 12 in 1
- 37 16 in 1 / 18 in 1 / 20 in 1
- 39 Others

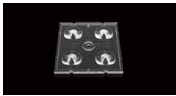
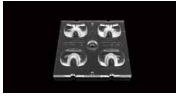


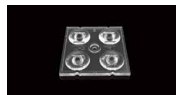
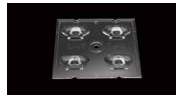
Street Lighting

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°×35°	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	-

	Curve	Type	Part No	FWHM	Dimensions	LED	Gasket
		V	LL04CR-CXR165L52	165°	50×50×6.68	3030 3535	-
		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	68°×146°	50×50×5.77	5050	-
		I	LL08BR-DCB35140L52	35°×140°	118.26×70.26×9.69	3030 5050	2

1 LL01A00SVX2 2 LL01A00SWX2

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	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		
		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 / 18 in 1

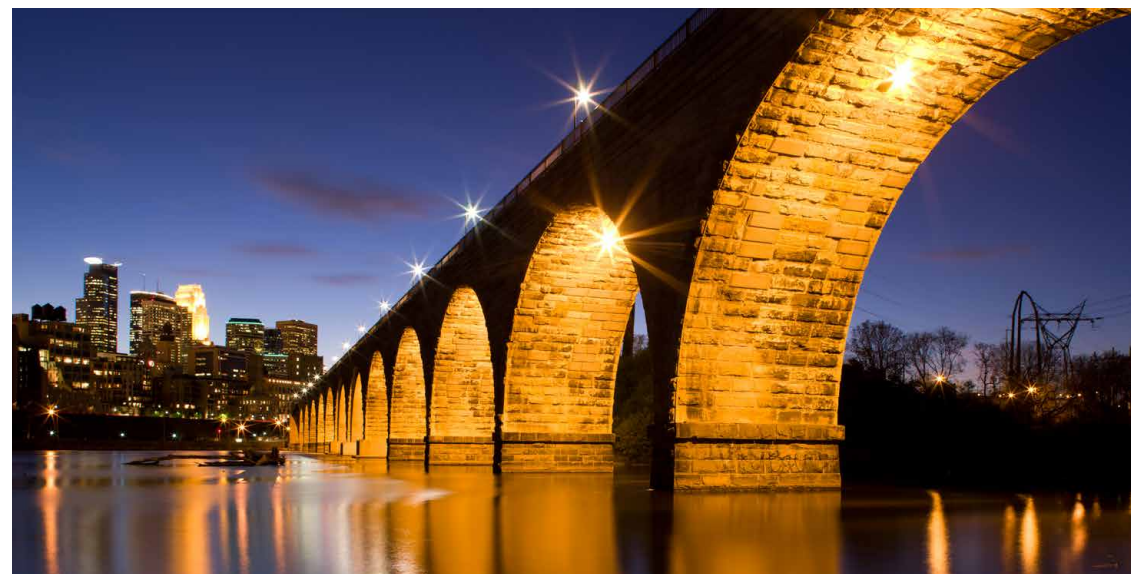
*All dimensions are in millimeters.



	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		
		I	LL16SE-BQL45145L51	45°×145°	167.6×73.6×7.6	5050	-
		VS	LL18ZZ-DZR150L02	148°	173×71.4×8.45	5050	1
		II	LL18ZZ-DZR55145L02	98°×153°	173×71.4×8.14		

20 in 1

	Curve	Type	Part No	FWHM	Dimensions	LED	Gasket
		II	LL20ZZ-DTD70155L46	70°×155°	270×70×10.61	5050	
		III	LL20ZZ-DTD90150L46	90°×150°			
		III	LL20ZZ-DTD20140L46	20°×140°			
		IV	LL20ZZ-DTD110150L46	110°×150°			
 LL01A00RSOX2  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	1
			LL22SE-CBZ50150L51		238×68×7.6	4040	2
			LL28SE-CBZ50150L51		158.3×98.03×7.6	5050	3
			LL36SE-CBZ50150L51		188×98×7.6		4
		I	LL11SE-DFY40130L52-W	40°×130°	80×60×7.13		-
			LL22SE-DFY40130L52-W		109×119×9.5	3535	-
			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	-
		I	LL48NI-CTX70150L46	70°×150°	230×60×6.64	3030	-
		III	LL48NI-CTX60155L46	60°×155°	230×60×6.64		

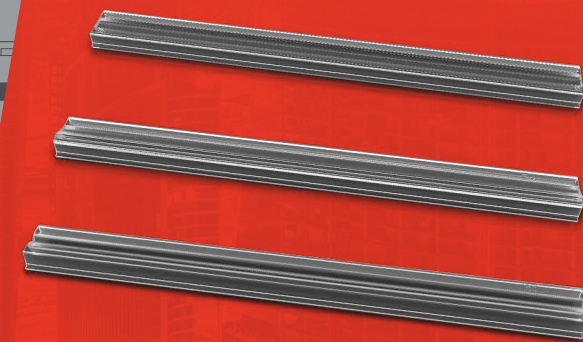
1 LL01A0XRQX2 2 LL01A0XRVX2 3 LL01A0XRVSX2 4 LL01A0XRVTX2 5 LL01A00SXZ2

	Curve	Type	Part No	FWHM	Dimensions	LED	Gasket
		II	LL84BR-DCN45150L46	45°×150°	200×70×5	3030	-
		II	LL140SE-CKT45130L51	45°×130°	272.6×123.6×9.2	3030	-



Area Lighting

- 43 4 in 1 / 6 in 1 / 8 in 1
- 44 9 in 1 / 12 in 1 / 16 in 1 / 18 in 1
- 45 Linear Lens



Area Lighting

4 in 1 / 6 in 1 / 8 in 1

*All dimensions are in millimeters.



	Part No	Dimensions	FWHM	LED Size	Gasket
	LL04CR-CECxxL06	50×50×10	9°	3030 3535	-
		50×50×8.5	25°/50°		
	LL04CR-CXRxxL52	50×50×12.86	25°/60°	5050	-
		50×50×12.99	40°		
		50×50×6.68	165°		
	LL04LU-CXR2060L06	50×50×8.5	20°×60°		
	LL04CR-DBJ2090L52	50×50×12.6	20°×90°	3535 5050	-
	LL04CR-DJL05L06	50×50×25.45	5°	3535	-
	LL04CR-EFF05L46	106×106×24.7	5°	3535	LL01A00RXXX3
	LL06ZZ-DUP60L06	50×50×7.13	60°	5050	-
	LL06ZZ-DUP90L06	50×50×6.73	90°		
	LL06ZZ-DUP150L06	50×50×6.26	150°		
	LL08CR-CYTxxL52	50×50×7.4	30°	3535	-
		50×50×7	55°		
		50×50×6.93	90°		
	LL08NI-DNN60L06	118.8×71.4×11.23	60°	5050	LL01A00RTAX2
	LL08NI-DNN90L06	118.8×71.4×8.75	90°		
	LL08NI-DNN150L06	118.8×71.4×8.75	150°		

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

	Part No	Dimensions	FWHM	LED Size	Gasket
	LL09CR-EFF05L46	136×136×24.7	5°	3535	LL01A00RXYX3
	LL12CR-EFF05L46	166×166×24.7	5°	3535	LL01A00RXZX3
	LL12CR-CUQxxL19	173×71.4×13.15	30°	3535 5050	LL01A00RSOX2
		173×71.4×11.28	60°		
		173×71.4×8.81	90°		
		173×71.4×8.63	150°		
	LL12ZZ-CRCxxL19	50×50×6.3	25°/55°	3030	-
		50×50×3.8	90°		
		50×50×4.05	150°		
	LL12SS-CRCxxL19	50×50×9.6	10°	3535	-
		50×50×6.28	25°		
		50×50×5.63	55°		
		50×50×4.91	90°		
	LL16ZZ-DVVxxL19	50×50×6.3	25°	3030	-
		50×50×7.3	55°		
		50×50×3.8	90°		
		50×50×3.8	150°		
	LL18ZZ-DZR60L02	173×71.4×11.28	60°	5050	LL01A00RSOX2
	LL18ZZ-DZR90L02	173×71.4×8.8	90°		

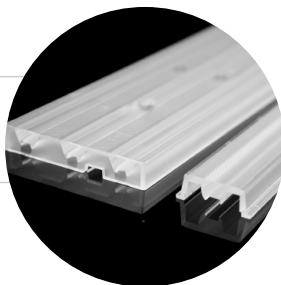
Area Lighting

Linear Lens

*All dimensions are in millimeters.



	Curve	Part No	FWHM	Dimension	LED Size	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		



	Curve	Part No	FWHM	Dimension	LED Size	Gasket
		LL01ZZ-DYB60L06	60°	1140×26.15×6.5	LES Ø2.6	-
		LL01ZZ-DYB90L06	90°	1140×26.15×6.89		
		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		
		LL24NI-CRO60L06	60°	280×26.63×9.45	2835 3030 5630	-
		LL24NI-CRO90L06	90°			

CRO Series Sectional View

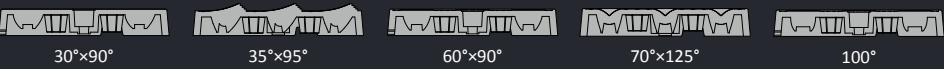
LL01NI-CRO××L06



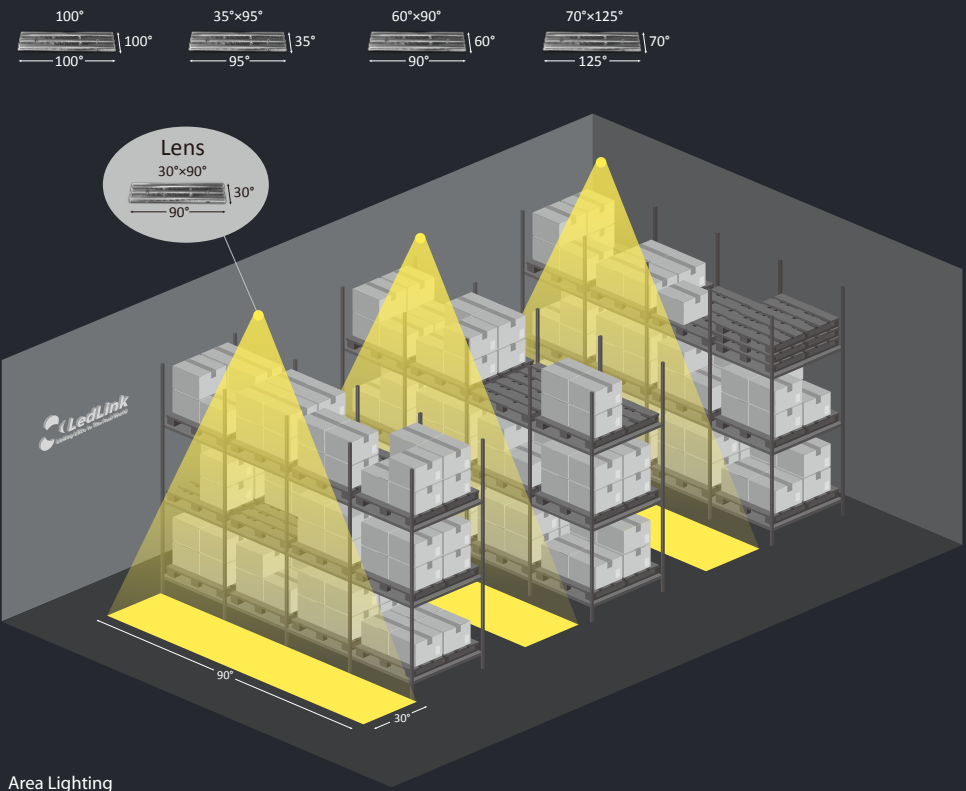
LL24NI-CRO××L06



LL03ZZ-CRO××L06



LL03ZZ-CRO××L06 Set Up Instruction



Area Lighting
Linear Lens

*All dimensions are in millimeters.



	Curve	Part No	FWHM	Dimension	LED Size	Gasket
		LL33LU-DOA25L52	25°	321×79×9.07		
		LL33LU-DOA60L52	60°	321×79×9.4	2835 3030 5630 5050	LL01A00RTBX2
		LL33LU-DOA90L52	90°	321×79×9.07		
		LL44ZZ-DCP30L52	30°	280×62×9.35		
		LL44ZZ-DCP60L52	60°	280×62×8.1		
		LL44ZZ-DCP90L52	90°	280×62×7.5	2835 3030 3535	-
		LL44ZZ-DCP20110L52	20°×110°	280×62×9.07		
		LL44ZZ-DCP70120L52	70°×120°	280×62×8.63		





Automotive Lighting

- 51 Head Lamp
 - Tail Lamp
 - Lateral Linear Lens
 - Daytime Running Light
 - Reading Lamp
 - Motorcycle Head Lamp
- 53 Automotive Lighting Equipment



Automotive Lighting

Overview



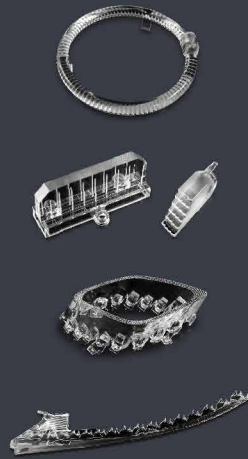
Tail Lamp



Lateral Linear Lens



Daytime Running Light



Head Lamp



Reading Lamp



Motorcycle Head Lamp



Automotive Lighting Equipment

Goniophotometer for Automotive and Signal Lights

Function

With this 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

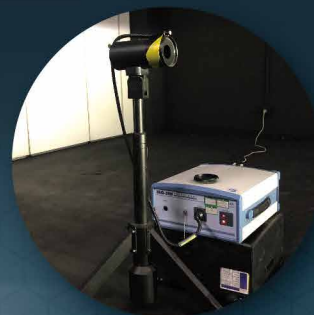
Fixing the lamp and adjust the center with laser positioning point; lighting up the lamp till the heat stable and starting measurement.

Testing Room

Length	27.5 meters
Width	7 meters



Control system
(Measurement Station,
Power Supply, Photometer)



Spectrometer



Detector



Testing Room

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