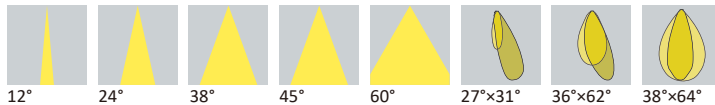




Datasheet

LL01CR-CEW××L02

Available Distribution



LED

 bridgelux. V6 Vesta DTW Gen2 6mm Vesta TW Gen2 6/9/15/18 mm	 bridgelux. VERO 13	 CREE CXA1310 CXA1512 CXA1820 CXA1830	 CREE XHP70 CXA2530 CXB1512 CXB1830	 CITIZEN CLU010 CLU020 CLU030 CLU024 CLU700 CLU710 CLU720 CLU028	 EDISON HD30
 LUMILEDS LHC1-1203,1205 L2C5-1203x0900 L2C5-1202E0600	 LUMINUS CXM-9 CXM-11 CHM-6	 LUMINUS CDM-14 CDM-18 CTM-14	 NICHIA 024B NFCWL036B NFCWL060B	 OSRAM SOLERIQ S9 SOLORIQ S15 SOLORIQ S19	 XICATO XTM 9mm XTM 19mm
 LEDTEEN TW682A					

Recommand Applications



General Information

PC 110°C -40°C	PC LEV1700KL V-2 RTI 130°C	 400nm~900nm > 90%	 > 90%
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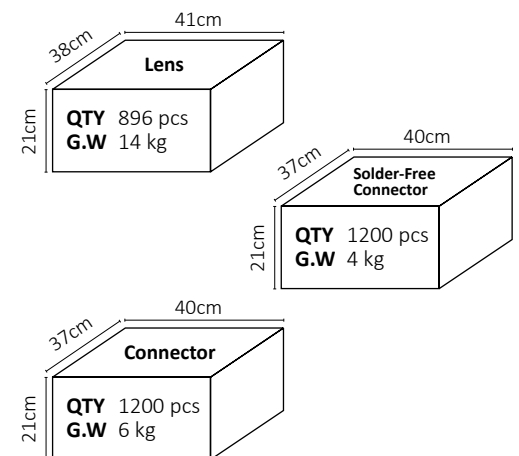
- Lens Material PC LEV1700KL
- Operating Temperature -40°C~+110°C
- UL Flammability V-2 @1.5mm
- UL RTI Elec 130°C @1.5mm
- Light Transmission Rate 400nm~900nm > 90%
- ✓ If necessary, Clean lenses with mild soap, water and soft cloth.
- ⚠ Never use any commercial cleaning solvents on lenses, like alcohol.
- ⚠ Please handle or install lenses with wearing gloves, skin oils may damage lens or its optical characteristic.

Dimensions

Part Number	Diameter	Height
LL01CR-CEW××L02	Ø50	15

*All dimensions are in millimeters.

Packaging Details (SPQ)



Accessories



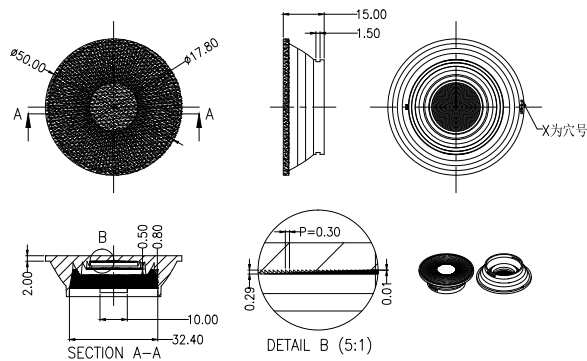
- 5 Different Types of Solder-Free Connector
LL01A00CWFB2 / LL01A00CXTB2 / LL01A00CWGB2
LL01A00CXPB2 / LL01A00CYFB2
- 6 Different Types of Connector
LL01A00CSNB2 / LL01A00CXS2 / LL01A00CSLB2
LL01A00CWIB2 / LL01A00CXB2 / LL01A00CYKB2

Mechanical Specification

*All dimensions are in millimeters.

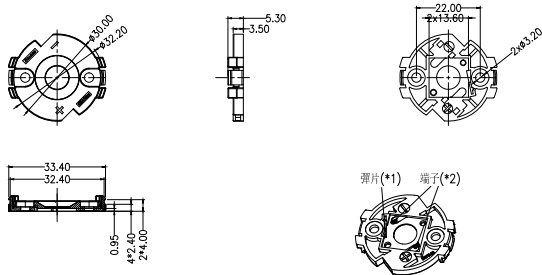
Lens Dimension

LL01CR-CEW××L02



Solder-Free Connector Dimension

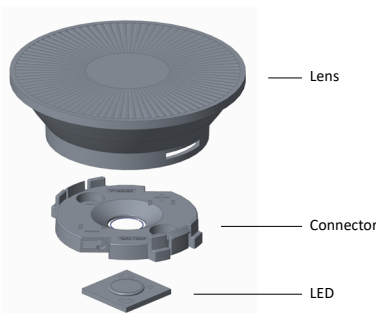
LL01A00CWFB2 (Material: PBT 4815 / RTI:75)
LL01A00CXTB2 (Material: CCP PBT 5815F-200 / RTI:130)



Assembly Instruction

Part No LL01CR-CEW××L02
Connector LL01A00CWFB2 / LL01A00CXTB2(Solder-Free)
LED Cree CXA1310

Fixing Method



Tensile Test with Solder-Free Connector

LL01A00CWFB2

Wire Specification

Wire Diameter 0.32mm²~0.81mm²

Tensile Test

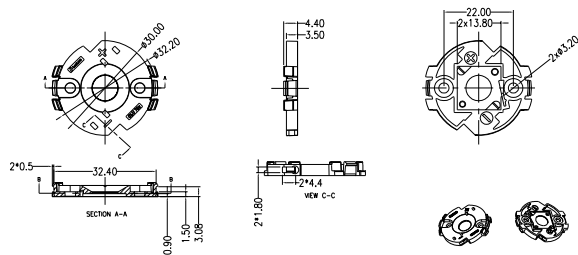
10 AWG	10 pounds
20 AWG	10 pounds
22 AWG	8 pounds

Mechanical Specification

*All dimensions are in millimeters.

Solder-Free Connector Dimension

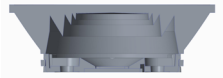
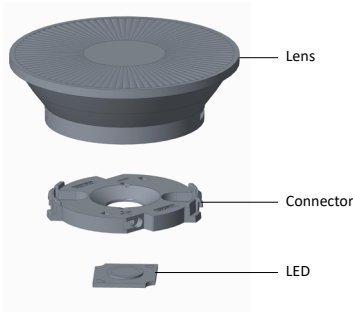
LL01A00CWGB2 (Material: PBT 4815 / RTI:75)
LL01A00CXPB2 (Material: CCP PBT 5815F-200 / RTI:130)



Assembly Instruction

Part No LL01CR-CEWxxL02
Connector LL01A00CWGB2 / LL01A00CXPB2(Solder-Free)
LED CITIZEN CLU700

Fixing Method



Tensile Test with Solder-Free Connector

LL01A00CWGB2

Wire Specification

Wire Diameter 0.32mm²~0.81mm²

Tensile Test

10 AWG	10 pounds
20 AWG	10 pounds
22 AWG	8 pounds

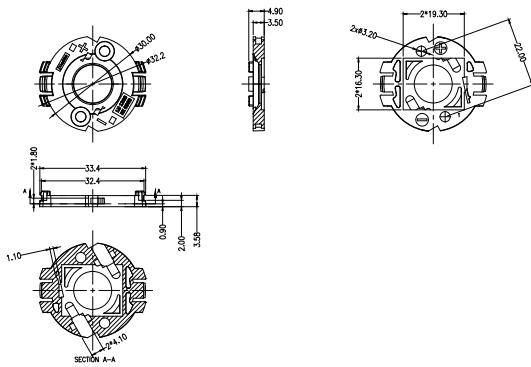
Mechanical Specification

*All dimensions are in millimeters.

Solder-Free Connector Dimension



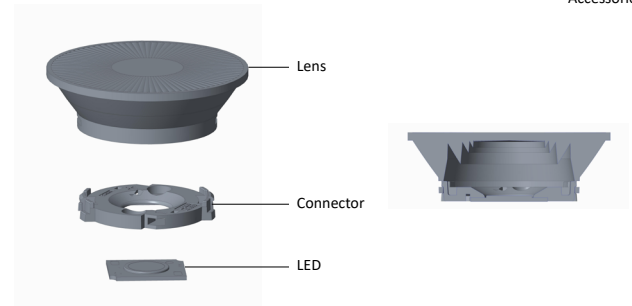
LL01A00CYFB2



Assembly Instruction

Fixing Method

Part No	LL01CR-CEWxxL02
Connector	LL01A00CYFB2 (Solder-Free)
LED	NICHIA NFCWL036B/Lumileds LHC1-1203/ Lumileds L2C5-1202x0900



Tensile Test with Solder-Free Connector

LL01A00CYFB2

Wire Specification

Wire Diameter $0.32\text{mm}^2 \sim 0.81\text{mm}^2$

Tensile Test

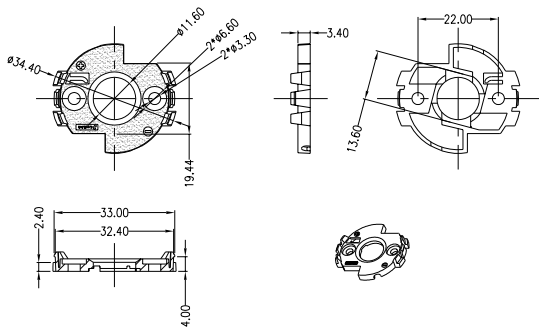
10 AWG	10 pounds
20 AWG	10 pounds
22 AWG	8 pounds

Mechanical Specification

*All dimensions are in millimeters.

Connector Dimension

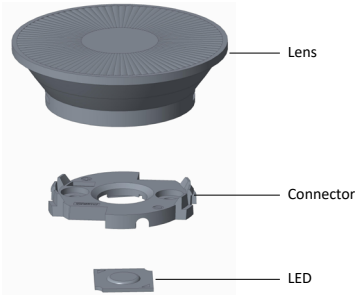
LL01A00CSNB2 (Material: PBT 4815 / RTI:75)
LL01A00CXS2 (Material: CCP PBT 5815F-200 / RTI:130)



Assembly Instruction

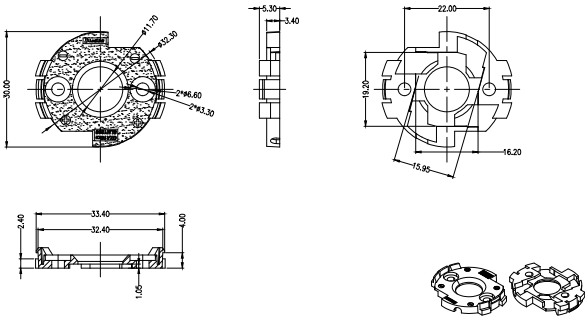
Part No LL01CR-CEWxxL02
Connector LL01A00CSNB2 / LL01A00CXS2
LED Luminus CHM-6, CITIZEN CLL020

Fixing Method



Connector Dimension

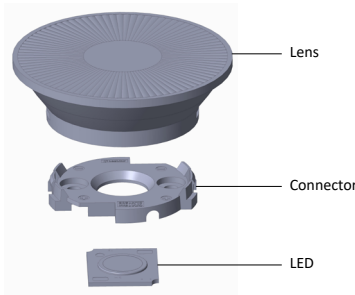
LL01A00CSLB2 (Material: PBT 4815 / RTI:75)
LL01A00CWIB2 (Material: PBT 4115 / RTI:120)
LL01A00CXOB2 (Material: CCP PBT 5815F-200 / RTI:130)



Assembly Instruction

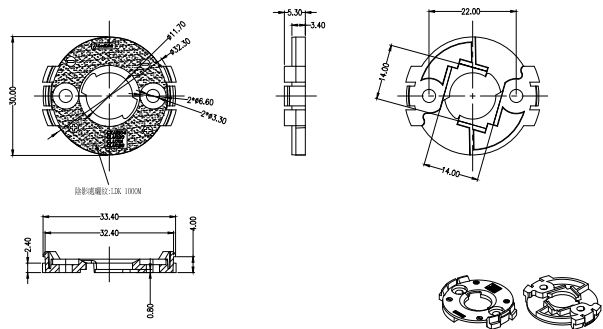
Part No LL01CR-CEWxxL02
Connector LL01A00CSLB2 / LL01A00CWIB2 / LL01A00CXOB2
LED Cree CXA1512, CXB1512
Lumileds LHC1 1203, L2C5-1203x0900
Bridgelux Vesta TW Gen 2 9mm

Fixing Method



Connector Dimension

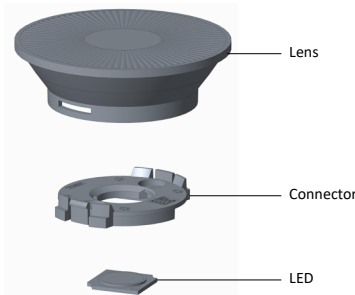
LL01A00CYKB2 (Material: PBT 4815 / RTI:75)



Assembly Instruction

Part No LL01CR-CEWxxL02
Connector LL01A00CYKB2
LED CITIZEN CLU028

Fixing Method



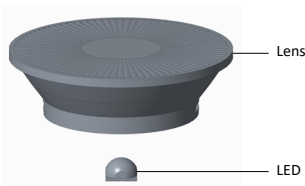
Mechanical Specification

*All dimensions are in millimeters.

Assembly Instruction

Fixing Method

Part No LL01CR-CEW××L02
LED CREE XHP70

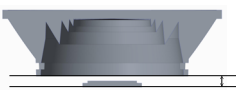
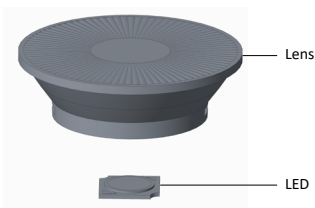


Place the bottom of the lens above heat-sink with distance 1.5 mm.

Assembly Instruction

Fixing Method

Part No LL01CR-CEW××L02
LED CITIZEN CLU010, CLU030, CLU024, CLU710, CLU720
CREE CXA1820, CXA1830, CXA2530, CXB1830, EDISON HD30
Lumileds LHC1 1205, L2C5-1202E0600
LUMINUS CXM-9, CXM-11
Bridgelux V6 / NICHIA 024B, NFCWL036B, NFCWL060B
OSRAM SOLERIQ S15, SOLERIQ S19

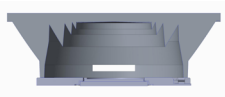
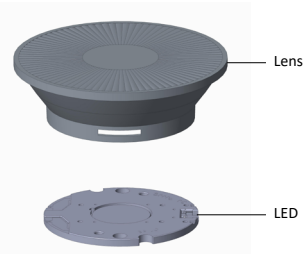


Place the bottom of the lens above heat-sink with distance 2.5 mm.

Assembly Instruction

Fixing Method

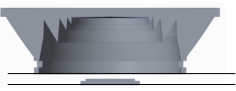
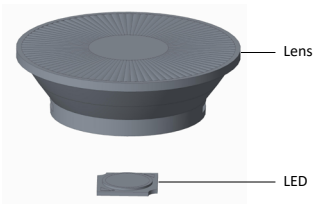
Part No LL01CR-CEW××L02
LED BRIDGELUX VERO13



Assembly Instruction

Fixing Method

Part No LL01CR-CEW××L02
LED OSRAM SOLER IQ S9

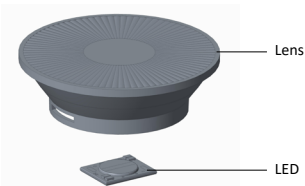


Place the bottom of the lens above heat-sink with distance 1.4 mm.

Assembly Instruction

Fixing Method

Part No LL01CR-CEW××L02
LED Bridgelux Vesta DTW Gen 2 6mm, TW Gen 2 6mm
TW Gen 2 15mm, TW Gen 2 18mm
LUMINUS CDM-14, CDM-18, CTM-14

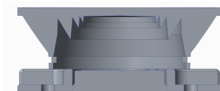
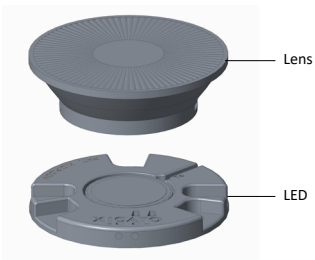


Place the bottom of the lens above heat-sink with distance 3 mm.

Assembly Instruction

Fixing Method

Part No LL01CR-CEW××L02
LED XICATO XTM-9mm, XTM-19mm LES



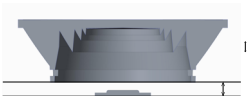
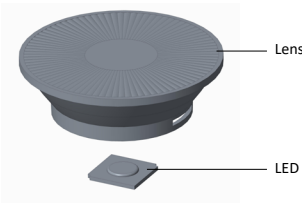
Mechanical Specification

*All dimensions are in millimeters.

Assembly Instruction

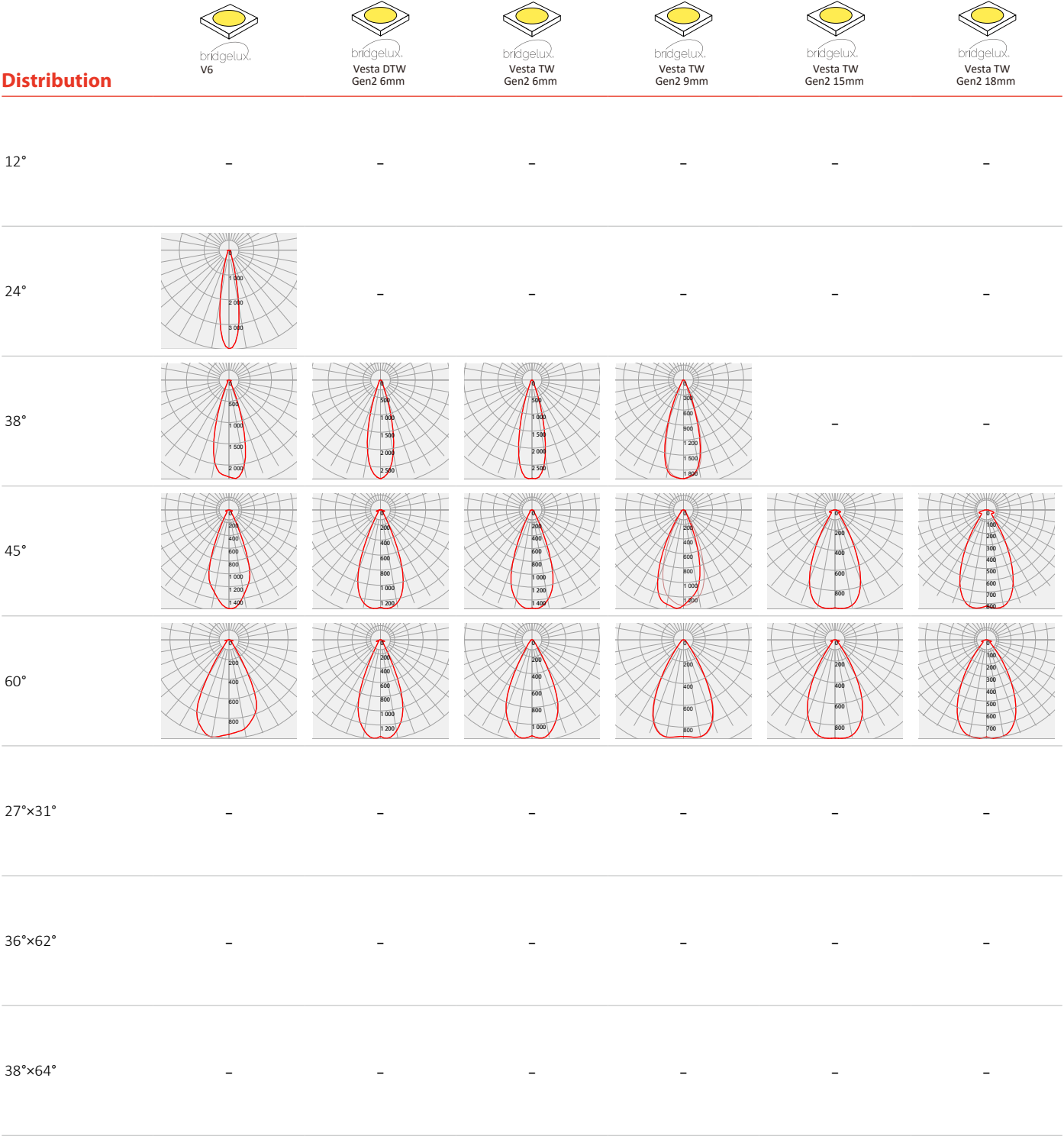
Fixing Method

Part No LL01CR-CEW××L02
LED LEDTEEN TW682A

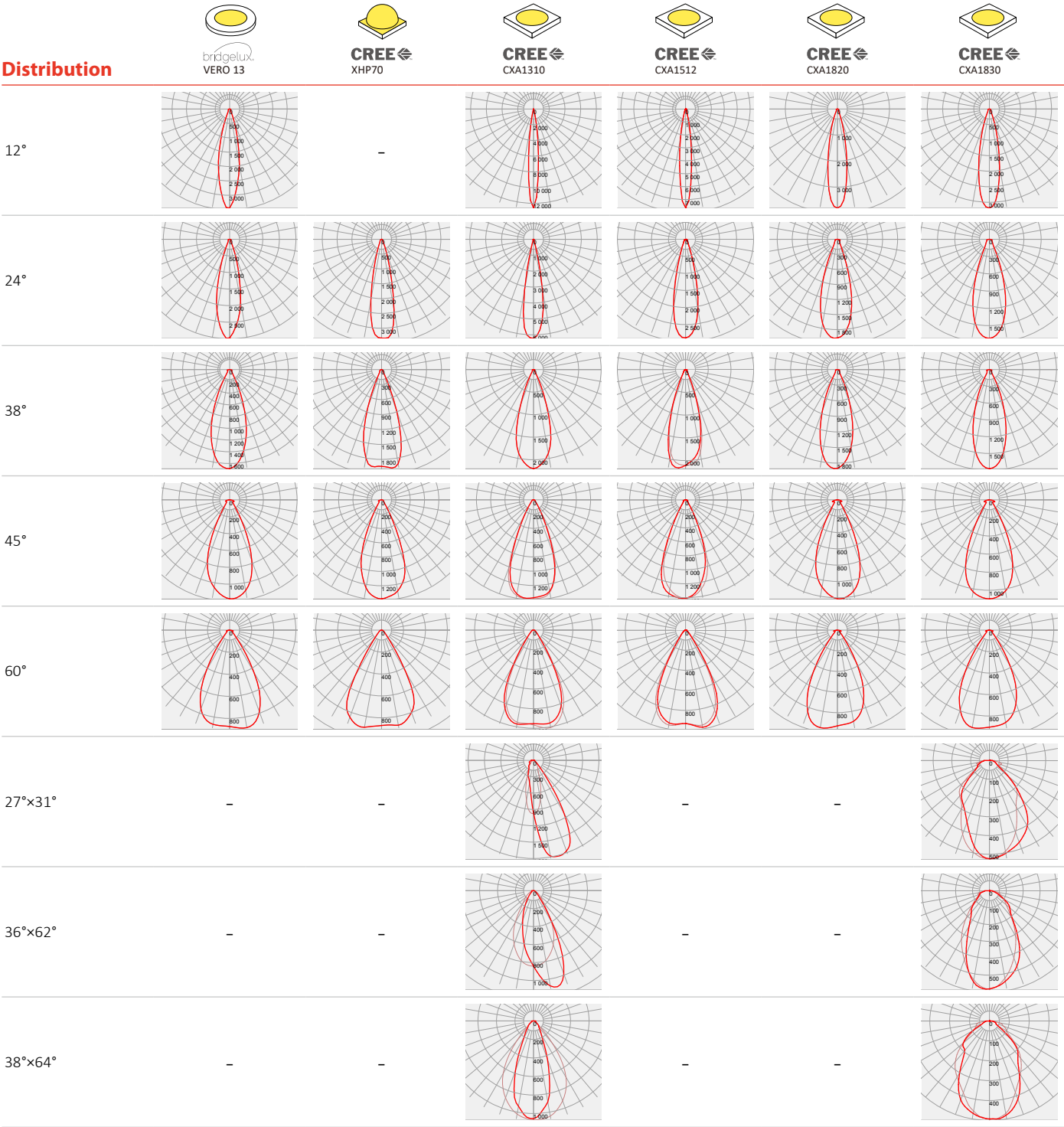


Place the bottom of the lens above heat-sink with distance 3.5 mm.

Photometric Distribution



Photometric Distribution



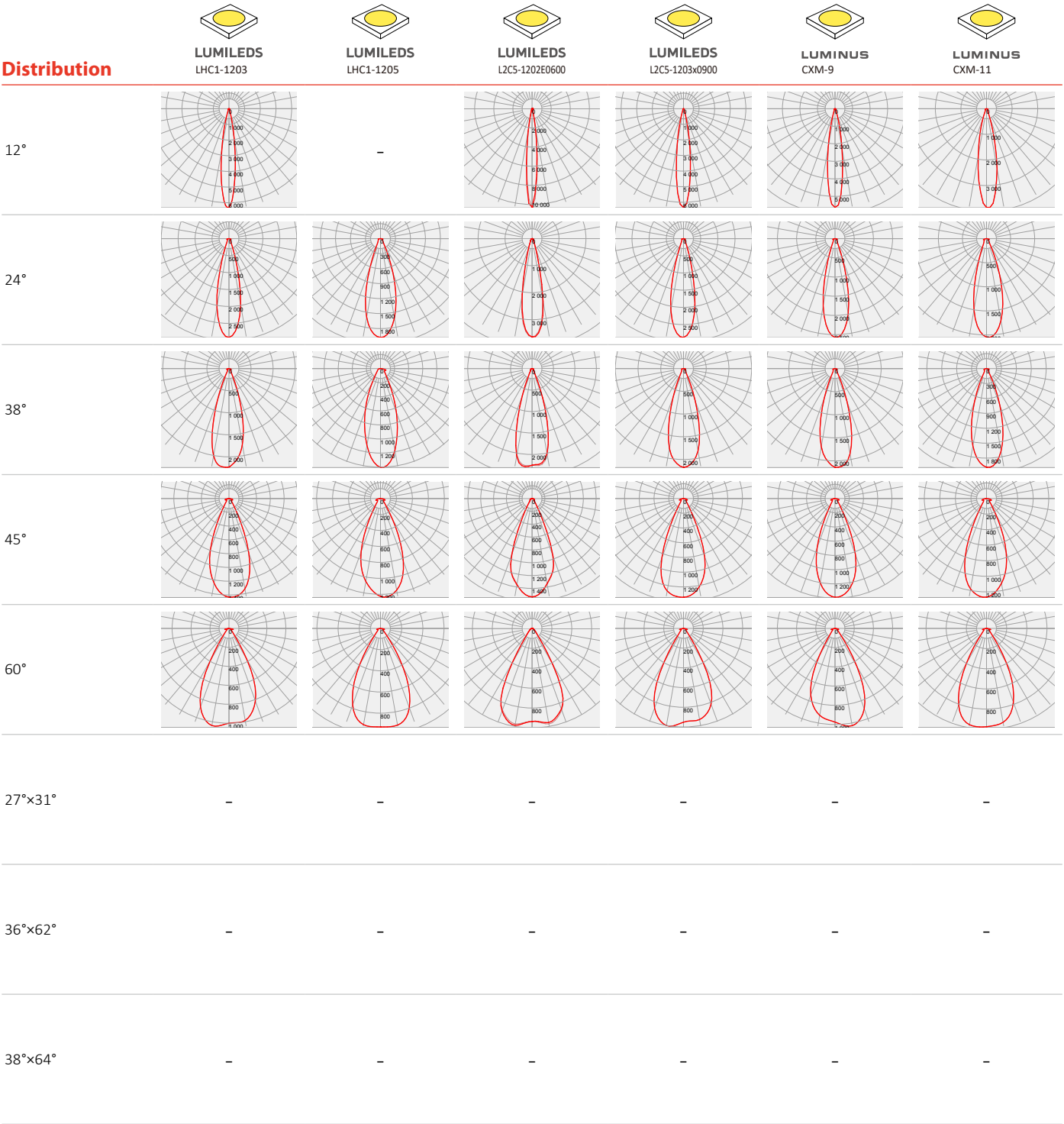
Photometric Distribution



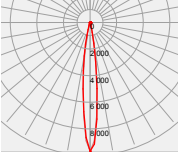
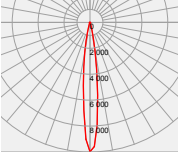
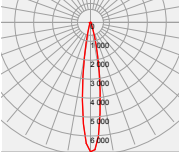
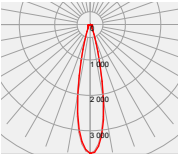
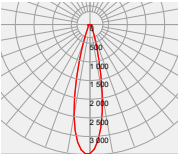
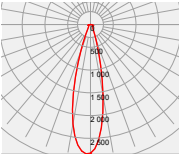
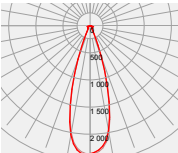
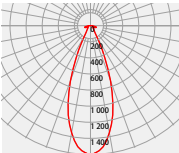
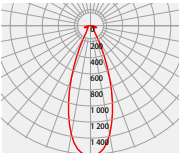
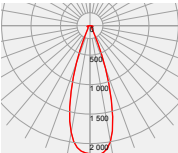
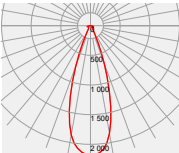
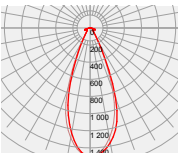
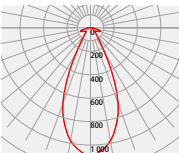
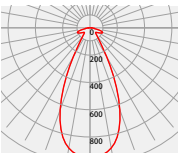
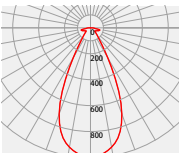
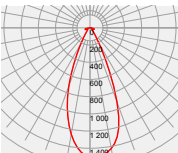
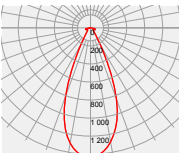
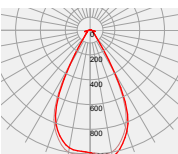
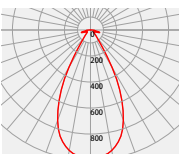
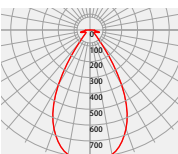
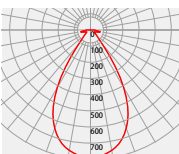
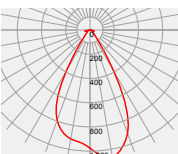
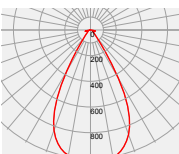
Photometric Distribution



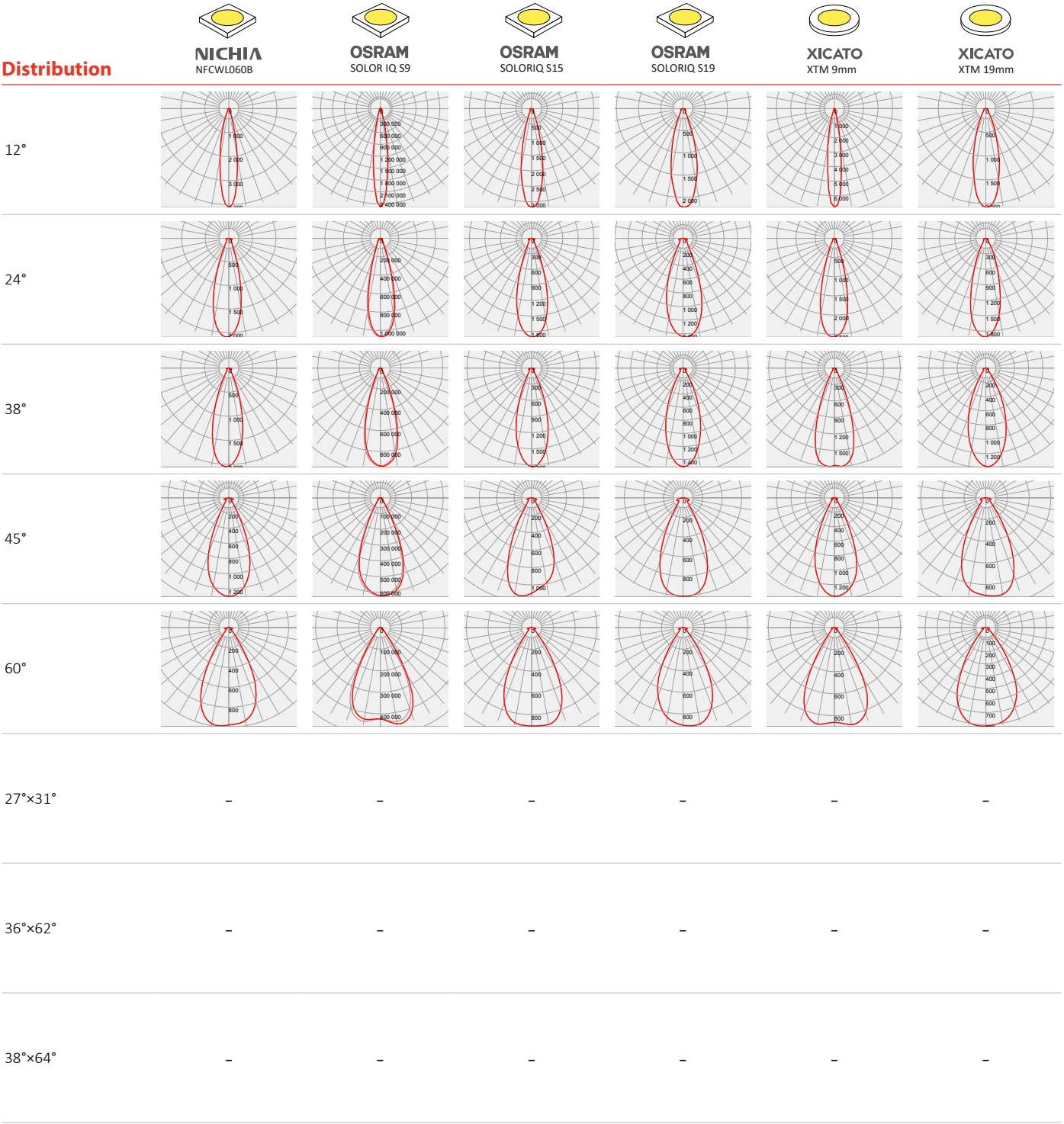
Photometric Distribution



Photometric Distribution

Distribution	 LUMINUS CHM-6	 LUMINUS CDM-14	 LUMINUS CDM-18	 LUMINUS CTM-14	 NICHIA 024B	 NICHIA NFCWL036B
12°		-	-	-		
24°		-	-	-		
38°			-			
45°						
60°						
27°×31°	-	-	-	-	-	-
36°×62°	-	-	-	-	-	-
38°×64°	-	-	-	-	-	-

Photometric Distribution



Photometric Distribution



Distribution

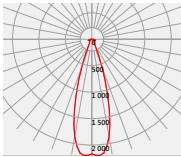
12°

—

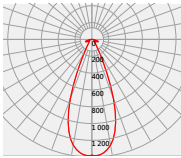
24°

—

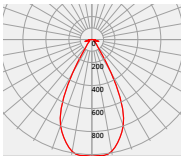
38°



45°



60°



27°×31°

—

36°×62°

—

38°×64°

—

Details by LED

Part No	Connector	LED Package Size	LED
LL01CR-CEWxxL02	-	LES Ø6~19	 bridgelux. V6  bridgelux. Vesta DTW Gen2 6mm  bridgelux. Vesta TW Gen2 6mm  bridgelux. Vesta TW Gen2 15mm  bridgelux. Vesta TW Gen2 18mm  bridgelux. VERO 13  CREE XHP70  CREE CXA1820  CREE CXB1830  CREE CXA2530  CREE CXB1830  CITIZEN CLL010  CITIZEN CLL030  CITIZEN CLU024  CITIZEN CLU710  CITIZEN CLU720  EDISON HD30  LUMILEDS LHC1-1205  LUMILEDS L2C5-1202E0600  LUMINUS CHM-9  LUMINUS CHM-11  LUMINUS CDM-14  LUMINUS CDM-18  LUMINUS CTM-14  NICHIA 024B  NICHIA NFCWL036B  NICHIA NFCWL060B  OSRAM SOLOR IQ S9  OSRAM SOLORIQ S15  OSRAM SOLORIQ S19  XICATO XTM 9mm  XICATO XTM 19mm  LEDTEEN TW682A
Solder-Free  LL01A00CWFB2 LL01A00CXTB2	LES Ø6	 CREE CXA1310	
Solder-Free  LL01A00CWGB2 LL01A00CXPB2	LES Ø6	 CITIZEN CLU700	
 LL01A00CSNB2 LL01A00CXSB2	LES Ø6.3~9.8	 LUMINUS CHM-6  CITIZEN CLL020	
 LL01A00CSLB2 LL01A00CWIB2 LL01A00CXOB2	LES Ø8.9~9	 bridgelux. Vesta TW Gen2 9mm  CREE CXA1512  CREE CXB1512  LUMILEDS LHC1-1203  LUMILEDS L2C5-1203x0900	

Details by LED

Part No	Connector	LED Package Size	LED
LL01A00CYFB2	 LL01A00CYFB2	LES Ø8.7~9	 NICHIA NFCWL036B
			 LUMILEDS LHC1-1203
LL01A00CYKB2	 LL01A00CYKB2	LES Ø8.9~9	 LUMILEDS L2C5-1203x0900
			 CITIZEN CLU028

LED	Part No	FWHM	cd/lm	IES	DIALUX
	LL01CR-CEW12L02	-	-	-	-
	LL01CR-CEW24L02	21°	3.9	↓	-
	LL01CR-CEW38L02	33°	2.3	↓	-
	LL01CR-CEW45L02	42°	1.5	↓	-
	LL01CR-CEW60L02	56°	1.0	↓	-
	LL01CR-CEW2731L02	-	-	-	-
	LL01CR-CEW3662L02	-	-	-	-
	LL01CR-CEW3864L02	-	-	-	-
	LL01CR-CEW12L02	-	-	-	-
	LL01CR-CEW24L02	-	-	-	-
	LL01CR-CEW38L02	28°	2.8	↓	-
	LL01CR-CEW45L02	45°	1.3	↓	-
	LL01CR-CEW60L02	45°	1.3	↓	-
	LL01CR-CEW2731L02	-	-	-	-
	LL01CR-CEW3662L02	-	-	-	-
	LL01CR-CEW3864L02	-	-	-	-
	LL01CR-CEW12L02	-	-	-	-
	LL01CR-CEW24L02	-	-	-	-
	LL01CR-CEW38L02	28°	2.8	↓	-
	LL01CR-CEW45L02	42°	1.5	↓	-
	LL01CR-CEW60L02	52°	1.1	↓	-
	LL01CR-CEW2731L02	-	-	-	-
	LL01CR-CEW3662L02	-	-	-	-
	LL01CR-CEW3864L02	-	-	-	-
	LL01CR-CEW12L02	-	-	-	-
	LL01CR-CEW24L02	-	-	-	-
	LL01CR-CEW38L02	36°	1.9	↓	-
	LL01CR-CEW45L02	43°	1.3	↓	-
	LL01CR-CEW60L02	58°	0.9	↓	-
	LL01CR-CEW2731L02	-	-	-	-
	LL01CR-CEW3662L02	-	-	-	-
	LL01CR-CEW3864L02	-	-	-	-
	LL01CR-CEW12L02	-	-	-	-
	LL01CR-CEW24L02	-	-	-	-
	LL01CR-CEW38L02	-	-	-	-
	LL01CR-CEW45L02	51°	0.9	↓	-
	LL01CR-CEW60L02	56°	0.9	↓	-
	LL01CR-CEW2731L02	-	-	-	-
	LL01CR-CEW3662L02	-	-	-	-
	LL01CR-CEW3864L02	-	-	-	-
	LL01CR-CEW12L02	-	-	-	-
	LL01CR-CEW24L02	-	-	-	-
	LL01CR-CEW38L02	-	-	-	-
	LL01CR-CEW45L02	54°	0.8	↓	-
	LL01CR-CEW60L02	60°	0.8	↓	-
	LL01CR-CEW2731L02	-	-	-	-
	LL01CR-CEW3662L02	-	-	-	-
	LL01CR-CEW3864L02	-	-	-	-

LED	Part No	FWHM	cd/lm	IES	DIALUX
	LL01CR-CEW12L02	24°	3.4	↓	-
	LL01CR-CEW24L02	26°	2.9	↓	-
	LL01CR-CEW38L02	38°	1.6	↓	-
	LL01CR-CEW45L02	47°	1.1	↓	-
	LL01CR-CEW60L02	59°	0.8	↓	-
	LL01CR-CEW2731L02	-	-	-	-
	LL01CR-CEW3662L02	-	-	-	-
	LL01CR-CEW3864L02	-	-	-	-
	LL01CR-CEW12L02	-	-	-	-
	LL01CR-CEW24L02	24°	3.3	↓	-
	LL01CR-CEW38L02	37°	1.9	↓	-
	LL01CR-CEW45L02	44°	1.3	↓	-
	LL01CR-CEW60L02	60°	0.9	↓	-
	LL01CR-CEW2731L02	-	-	-	-
	LL01CR-CEW3662L02	-	-	-	-
	LL01CR-CEW3864L02	-	-	-	-
	LL01CR-CEW12L02	11°	12.6	↓	-
	LL01CR-CEW24L02	20°	6.2	↓	-
	LL01CR-CEW38L02	36°	2.1	↓	-
	LL01CR-CEW45L02	44°	1.3	↓	-
	LL01CR-CEW60L02	56°	1.0	↓	-
	LL01CR-CEW2731L02	32°x31°	1.8	↓	↓
	LL01CR-CEW3662L02	39°x58°	1.1	↓	↓
	LL01CR-CEW3864L02	38°x68°	1.0	↓	↓
	LL01CR-CEW12L02	14°	7.6	↓	-
	LL01CR-CEW24L02	26°	2.8	↓	-
	LL01CR-CEW38L02	34°	2.1	↓	-
	LL01CR-CEW45L02	44°	1.4	↓	-
	LL01CR-CEW60L02	57°	0.9	↓	-
	LL01CR-CEW2731L02	-	-	-	-
	LL01CR-CEW3662L02	-	-	-	-
	LL01CR-CEW3864L02	-	-	-	-
	LL01CR-CEW12L02	21°	3.8	↓	-
	LL01CR-CEW24L02	33°	1.9	↓	-
	LL01CR-CEW38L02	35°	1.9	↓	-
	LL01CR-CEW45L02	46°	1.2	↓	-
	LL01CR-CEW60L02	57°	0.9	↓	-
	LL01CR-CEW2731L02	-	-	-	-
	LL01CR-CEW3662L02	-	-	-	-
	LL01CR-CEW3864L02	-	-	-	-
	LL01CR-CEW12L02	23°	3.1	↓	-
	LL01CR-CEW24L02	35°	1.7	↓	-
	LL01CR-CEW38L02	36°	1.7	↓	-
	LL01CR-CEW45L02	49°	1.0	↓	-
	LL01CR-CEW60L02	58°	0.9	↓	-
	LL01CR-CEW2731L02	-	-	-	-
	LL01CR-CEW3662L02	-	-	-	-
	LL01CR-CEW3864L02	-	-	-	-

LED	Part No	FWHM	cd/lm	IES	DIALUX
	LL01CR-CEW12L02	31°	1.9		-
	LL01CR-CEW24L02	40°	1.2		-
	LL01CR-CEW38L02	41°	1.3		-
	LL01CR-CEW45L02	50°	0.9		-
	LL01CR-CEW60L02	57°	0.9		-
	LL01CR-CEW2731L02	-	-	-	-
	LL01CR-CEW3662L02	-	-	-	-
	LL01CR-CEW3864L02	-	-	-	-
	LL01CR-CEW12L02	15°	6.5		-
	LL01CR-CEW24L02	27°	2.7		-
	LL01CR-CEW38L02	35°	1.9		-
	LL01CR-CEW45L02	45°	1.3		-
	LL01CR-CEW60L02	58°	0.9		-
	LL01CR-CEW2731L02	48°×44°	0.9		-
	LL01CR-CEW3662L02	48°×63°	0.8		-
	LL01CR-CEW3864L02	48°×62°	0.8		-
	LL01CR-CEW12L02	26°	2.7		-
	LL01CR-CEW24L02	37°	1.5		-
	LL01CR-CEW38L02	38°	1.6		-
	LL01CR-CEW45L02	49°	1.1		-
	LL01CR-CEW60L02	57°	0.9		-
	LL01CR-CEW2731L02	68°×74°	0.5		-
	LL01CR-CEW3662L02	59°×65°	0.5		-
	LL01CR-CEW3864L02	69°×82°	0.4		-
	LL01CR-CEW12L02	11°	11.4		-
	LL01CR-CEW24L02	20°	3.9		-
	LL01CR-CEW38L02	31°	2.3		-
	LL01CR-CEW45L02	39°	1.6		-
	LL01CR-CEW60L02	53°	1.1		-
	LL01CR-CEW2731L02	-	-	-	-
	LL01CR-CEW3662L02	-	-	-	-
	LL01CR-CEW3864L02	-	-	-	-
	LL01CR-CEW12L02	17°	5.0		-
	LL01CR-CEW24L02	27°	2.5		-
	LL01CR-CEW38L02	34°	1.9		-
	LL01CR-CEW45L02	48°	1.1		-
	LL01CR-CEW60L02	60°	0.8		-
	LL01CR-CEW2731L02	34°×44°	1.1		-
	LL01CR-CEW3662L02	50°×61°	0.7		-
	LL01CR-CEW3864L02	56°×68°	0.6		-
	LL01CR-CEW12L02	23°	3.1		-
	LL01CR-CEW24L02	33°	1.7		-
	LL01CR-CEW38L02	36°	1.7		-
	LL01CR-CEW45L02	48°	1.1		-
	LL01CR-CEW60L02	56°	0.9		-
	LL01CR-CEW2731L02	-	-	-	-
	LL01CR-CEW3662L02	-	-	-	-
	LL01CR-CEW3864L02	-	-	-	-

LED	Part No	FWHM	cd/lm	IES	DIALUX
	LL01CR-CEW12L02	16°	6.1		-
	LL01CR-CEW24L02	27°	2.6		-
	LL01CR-CEW38L02	33°	2.2		-
	LL01CR-CEW45L02	42°	1.4		-
	LL01CR-CEW60L02	53°	1.0		-
	LL01CR-CEW2731L02	-	-	-	-
	LL01CR-CEW3662L02	-	-	-	-
	LL01CR-CEW3864L02	-	-	-	-
	LL01CR-CEW12L02	17°	5.6		-
	LL01CR-CEW24L02	26°	3.0		-
	LL01CR-CEW38L02	31°	2.2		-
	LL01CR-CEW45L02	-	-	-	-
	LL01CR-CEW60L02	-	-	-	-
	LL01CR-CEW2731L02	-	-	-	-
	LL01CR-CEW3662L02	-	-	-	-
	LL01CR-CEW3864L02	-	-	-	-
	LL01CR-CEW12L02	11°	11.5		-
	LL01CR-CEW24L02	22°	3.4		-
	LL01CR-CEW38L02	36°	2.0		-
	LL01CR-CEW45L02	42°	1.4		-
	LL01CR-CEW60L02	57°	0.9		-
	LL01CR-CEW2731L02	-	-	-	-
	LL01CR-CEW3662L02	-	-	-	-
	LL01CR-CEW3864L02	-	-	-	-
	LL01CR-CEW12L02	15°	6.5		-
	LL01CR-CEW24L02	26°	2.8		-
	LL01CR-CEW38L02	32°	2.2		-
	LL01CR-CEW45L02	41°	1.5		-
	LL01CR-CEW60L02	55°	1.0		-
	LL01CR-CEW2731L02	-	-	-	-
	LL01CR-CEW3662L02	-	-	-	-
	LL01CR-CEW3864L02	-	-	-	-
	LL01CR-CEW12L02	19°	4.4		-
	LL01CR-CEW24L02	30°	2.2		-
	LL01CR-CEW38L02	33°	2.1		-
	LL01CR-CEW45L02	46°	1.2		-
	LL01CR-CEW60L02	56°	0.9		-
	LL01CR-CEW2731L02	-	-	-	-
	LL01CR-CEW3662L02	-	-	-	-
	LL01CR-CEW3864L02	-	-	-	-
	LL01CR-CEW12L02	15°	6.8		-
	LL01CR-CEW24L02	26°	3.0		-
	LL01CR-CEW38L02	33°	2.2		-
	LL01CR-CEW45L02	42°	1.4		-
	LL01CR-CEW60L02	56°	1.0		-
	LL01CR-CEW2731L02	-	-	-	-
	LL01CR-CEW3662L02	-	-	-	-
	LL01CR-CEW3864L02	-	-	-	-

LED	Part No	FWHM	cd/lm	IES	DIALUX
 LUMILEDS LHC1-1203	LL01CR-CEW12L02	16°	6.3	↓	-
	LL01CR-CEW24L02	26°	2.9	↓	-
	LL01CR-CEW38L02	33°	2.2	↓	-
	LL01CR-CEW45L02	42°	1.4	↓	-
	LL01CR-CEW60L02	55°	1.0	↓	-
	LL01CR-CEW2731L02	-	-	-	-
	LL01CR-CEW3662L02	-	-	-	-
	LL01CR-CEW3864L02	-	-	-	-
 LUMILEDS LHC5-1202E0600	LL01CR-CEW12L02	-	-	-	-
	LL01CR-CEW24L02	33°	1.9	↓	-
	LL01CR-CEW38L02	37°	1.4	↓	-
	LL01CR-CEW45L02	45°	1.2	↓	-
	LL01CR-CEW60L02	57°	0.9	↓	-
	LL01CR-CEW2731L02	-	-	-	-
	LL01CR-CEW3662L02	-	-	-	-
	LL01CR-CEW3864L02	-	-	-	-
 LUMILEDS L2C5-1203x0900	LL01CR-CEW12L02	12°	10.2	↓	-
	LL01CR-CEW24L02	22°	3.6	↓	-
	LL01CR-CEW38L02	33°	2.2	↓	-
	LL01CR-CEW45L02	43°	1.5	↓	-
	LL01CR-CEW60L02	57°	0.9	↓	-
	LL01CR-CEW2731L02	-	-	-	-
	LL01CR-CEW3662L02	-	-	-	-
	LL01CR-CEW3864L02	-	-	-	-
 LUMILEDS L2C5-1203x0900	LL01CR-CEW12L02	16°	6.3	↓	-
	LL01CR-CEW24L02	26°	2.8	↓	-
	LL01CR-CEW38L02	33°	2.1	↓	-
	LL01CR-CEW45L02	45°	1.3	↓	-
	LL01CR-CEW60L02	56°	1.0	↓	-
	LL01CR-CEW2731L02	-	-	-	-
	LL01CR-CEW3662L02	-	-	-	-
	LL01CR-CEW3864L02	-	-	-	-
 LUMINUS CXM-9	LL01CR-CEW12L02	17°	5.6	↓	-
	LL01CR-CEW24L02	28°	2.5	↓	-
	LL01CR-CEW38L02	33°	2.1	↓	-
	LL01CR-CEW45L02	42°	1.3	↓	-
	LL01CR-CEW60L02	55°	1.0	↓	-
	LL01CR-CEW2731L02	-	-	-	-
	LL01CR-CEW3662L02	-	-	-	-
	LL01CR-CEW3864L02	-	-	-	-
 LUMINUS CXM-11	LL01CR-CEW12L02	21°	3.8	↓	-
	LL01CR-CEW24L02	31°	2.0	↓	-
	LL01CR-CEW38L02	34°	1.9	↓	-
	LL01CR-CEW45L02	44°	1.2	↓	-
	LL01CR-CEW60L02	56°	0.9	↓	-
	LL01CR-CEW2731L02	-	-	-	-
	LL01CR-CEW3662L02	-	-	-	-
	LL01CR-CEW3864L02	-	-	-	-

LED	Part No	FWHM	cd/lm	IES	DIALUX
 LUMINUS CHM-6	LL01CR-CEW12L02	12°	9.6	↓	-
	LL01CR-CEW24L02	22°	3.6	↓	-
	LL01CR-CEW38L02	31°	2.3	↓	-
	LL01CR-CEW45L02	40°	1.5	↓	-
	LL01CR-CEW60L02	54°	1.0	↓	-
	LL01CR-CEW2731L02	-	-	-	-
	LL01CR-CEW3662L02	-	-	-	-
	LL01CR-CEW3864L02	-	-	-	-
 LUMINUS CDM-14	LL01CR-CEW12L02	-	-	-	-
	LL01CR-CEW24L02	-	-	-	-
	LL01CR-CEW38L02	37°	1.6	↓	-
	LL01CR-CEW45L02	46°	1.1	↓	-
	LL01CR-CEW60L02	52°	0.9	↓	-
	LL01CR-CEW2731L02	-	-	-	-
	LL01CR-CEW3662L02	-	-	-	-
	LL01CR-CEW3864L02	-	-	-	-
 LUMINUS CDM-18	LL01CR-CEW12L02	-	-	-	-
	LL01CR-CEW24L02	-	-	-	-
	LL01CR-CEW38L02	-	-	-	-
	LL01CR-CEW45L02	48°	0.9	↓	-
	LL01CR-CEW60L02	59°	0.8	↓	-
	LL01CR-CEW2731L02	-	-	-	-
	LL01CR-CEW3662L02	-	-	-	-
	LL01CR-CEW3864L02	-	-	-	-
 LUMINUS CTM-14	LL01CR-CEW12L02	-	-	-	-
	LL01CR-CEW24L02	-	-	-	-
	LL01CR-CEW38L02	37°	1.6	↓	-
	LL01CR-CEW45L02	49°	0.9	↓	-
	LL01CR-CEW60L02	60°	0.8	↓	-
	LL01CR-CEW2731L02	-	-	-	-
	LL01CR-CEW3662L02	-	-	-	-
	LL01CR-CEW3864L02	-	-	-	-
 NICHIA 024B	LL01CR-CEW12L02	12°	9.9	↓	-
	LL01CR-CEW24L02	23°	3.4	↓	-
	LL01CR-CEW38L02	34°	2.1	↓	-
	LL01CR-CEW45L02	41°	1.5	↓	-
	LL01CR-CEW60L02	55°	1.0	↓	-
	LL01CR-CEW2731L02	-	-	-	-
	LL01CR-CEW3662L02	-	-	-	-
	LL01CR-CEW3864L02	-	-	-	-
 NICHIA NFCWL036B	LL01CR-CEW12L02	15°	6.8	↓	-
	LL01CR-CEW24L02	25°	2.8	↓	-
	LL01CR-CEW38L02	33°	2.1	↓	-
	LL01CR-CEW45L02	43°	1.4	↓	-
	LL01CR-CEW60L02	56°	1.0	↓	-
	LL01CR-CEW2731L02	-	-	-	-
	LL01CR-CEW3662L02	-	-	-	-
	LL01CR-CEW3864L02	-	-	-	-

LED	Part No	FWHM	cd/lm	IES	DIALUX
 NICHIA NFCWL060B	LL01CR-CEW12L02	20°	4.1		-
	LL01CR-CEW24L02	30°	2.0		-
	LL01CR-CEW38L02	33°	2.0		-
	LL01CR-CEW45L02	44°	1.3		-
	LL01CR-CEW60L02	56°	0.9		-
	LL01CR-CEW2731L02	-	-	-	-
	LL01CR-CEW3662L02	-	-	-	-
	LL01CR-CEW3864L02	-	-	-	-
 OSRAM SOLOR IQ S9	LL01CR-CEW12L02	16°	6.4		-
	LL01CR-CEW24L02	28°	2.7		-
	LL01CR-CEW38L02	34°	2.3		-
	LL01CR-CEW45L02	45°	1.5		-
	LL01CR-CEW60L02	58°	1.0		-
	LL01CR-CEW2731L02	-	-	-	-
	LL01CR-CEW3662L02	-	-	-	-
	LL01CR-CEW3864L02	-	-	-	-
 OSRAM SOLORIQ S15	LL01CR-CEW12L02	24°	3.1		-
	LL01CR-CEW24L02	33°	1.9		-
	LL01CR-CEW38L02	35°	1.8		-
	LL01CR-CEW45L02	48°	1.1		-
	LL01CR-CEW60L02	58°	0.9		-
	LL01CR-CEW2731L02	-	-	-	-
	LL01CR-CEW3662L02	-	-	-	-
	LL01CR-CEW3864L02	-	-	-	-
 OSRAM SOLORIQ S19	LL01CR-CEW12L02	29°	2.2		-
	LL01CR-CEW24L02	38°	1.4		-
	LL01CR-CEW38L02	39°	1.5		-
	LL01CR-CEW45L02	49°	1.0		-
	LL01CR-CEW60L02	57°	0.9		-
	LL01CR-CEW2731L02	-	-	-	-
	LL01CR-CEW3662L02	-	-	-	-
	LL01CR-CEW3864L02	-	-	-	-
 XICATO XTM 9mm	LL01CR-CEW12L02	15°	6.7		-
	LL01CR-CEW24L02	29°	2.5		-
	LL01CR-CEW38L02	39°	1.8		-
	LL01CR-CEW45L02	44°	1.3		-
	LL01CR-CEW60L02	60°	0.8		-
	LL01CR-CEW2731L02	-	-	-	-
	LL01CR-CEW3662L02	-	-	-	-
	LL01CR-CEW3864L02	-	-	-	-
 XICATO XTM 19mm	LL01CR-CEW12L02	30°	2.0		-
	LL01CR-CEW24L02	33°	1.9		-
	LL01CR-CEW38L02	43°	1.3		-
	LL01CR-CEW45L02	54°	0.9		-
	LL01CR-CEW60L02	61°	0.8		-
	LL01CR-CEW2731L02	-	-	-	-
	LL01CR-CEW3662L02	-	-	-	-
	LL01CR-CEW3864L02	-	-	-	-

LED	Part No	FWHM	cd/lm	IES	DIALUX
 LEDTEEN TW682A	LL01CR-CEW12L02	-	-	-	-
	LL01CR-CEW24L02	-	-	-	-
	LL01CR-CEW38L02	31°	2.2		-
	LL01CR-CEW45L02	41°	1.3		-
	LL01CR-CEW60L02	53°	1.0		-
	LL01CR-CEW2731L02	-	-	-	-
	LL01CR-CEW3662L02	-	-	-	-
	LL01CR-CEW3864L02	-	-	-	-

Product Nomenclature

Ledlink Led Type Lens Angle
LL 01 CR- CEW 12 L02
Lens Dot Number Serial Number Type of Material

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