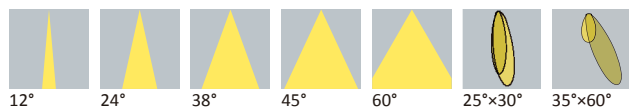




Datasheet

LL01CR-CENxxL02

Available Distribution



LED

 CITIZEN CLU030 CLU700 CLU710	 CREE CXA15xx CXB15xx CXA1820	 NICHIA 1088	 TOYONIA M04 M10	 XICATO XTM 9mm XTM 19mm	 HONOURTEK HRA0303 HRA0404 HRA0407 HRA0410
 LEDTEENTW TW682A	 bridgelux Vesta DTW 6mm Gen2 Vesta TW 6/15/18/22/29mm Gen2				

Recommend Applications



General Information

PC  110°C -40°C	PC LEV1700KL V-2 RTI 1.5mm 130°C	 400nm~900nm > 90%	
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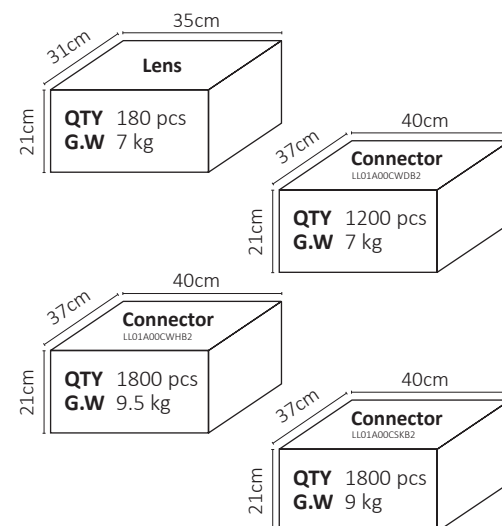
- Lens Material L02: PC LEV1700KL
- Operating Temperature -40°C~+110°C
- UL Flammability V-2 @1.5mm
- UL RTI Elec 130°C @1.5mm
- Light Transmission Rate 400nm~900nm > 90%
- ✓ If necessary, Clean lenses with mild soap, water and soft cloth.
- ⚠ Never use any commercial cleaning solvents on lenses, like alcohol.
- ⚠ Please handle or install lenses with wearing gloves, skin oils may damage lens or its optical characteristic.

Dimensions

Part Number	Diameter	Height
LL01CR-CENxxL02	Ø70	17.5

*All dimensions are in millimeters.

Packaging Details (SPQ)



Accessories



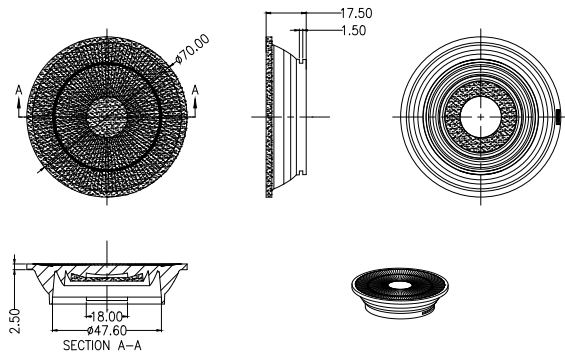
- Available with Solder-Free Connector LL01A00CWDB2 (CREE CXA15xx/CXB15xx)
- Available with Connector LL01A00CWHB2 (Nichia108B)
- Available with Connector LL01A00CSKB2 (CREE CXA1820)
- Available with Anti-Glare Cover LL01CR-CUE34L14

Mechanical Specification

*All dimensions are in millimeters.

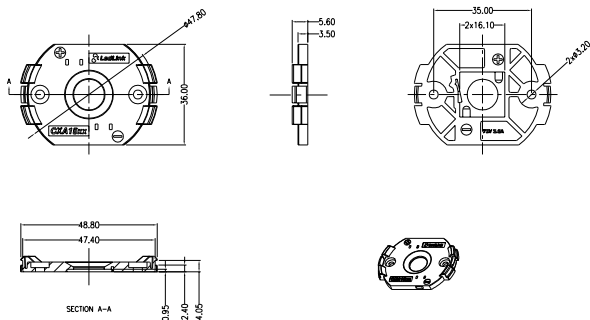
Lens Dimension

LL01CR-CEN××L02



Solder-Free Connector Dimension

LL01A00CWDB2



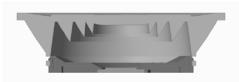
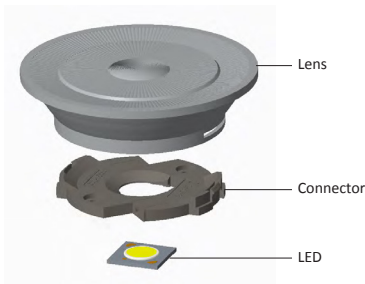
Assembly Instruction

Part No LL01CR-CEN××L02
Connector LL01A00CWDB2 (Solder-Free)
LED CREE CXA15×× / CXB15××

Fixing Method



Luminarie
Accessories



Tensile Test with Solder-Free Connector

LL01A00CWDB2

Wire Specification

Wire Diameter 0.32mm²~0.81mm²

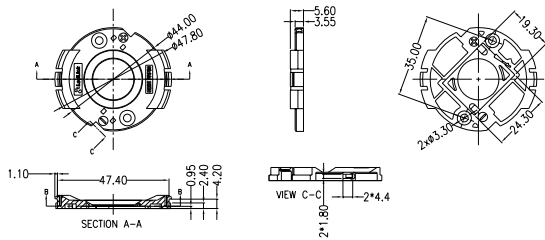
Tensile Test

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

*All dimensions are in millimeters.

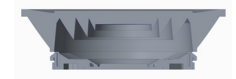
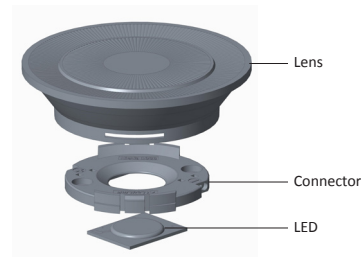


LL01A00CWHB2



Fixing Method

Part No	LL01CR-CENxxL02
Connector	LL01A00CWHB2 (Solder-Free)
LED	Nichia108B



Tensile Test with Solder-Free Connector

LL01A00CWHB2

Wire Specification

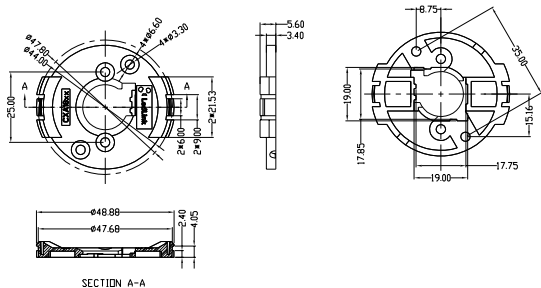
Wire Diameter	0.32mm ² ~0.81mm ²
---------------	--

Tensile Test

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

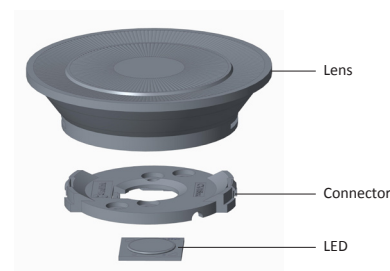


LL01A00CSKB2



Fixing Method

Part No	LL01CR-CEN××L02
Connector	LL01A00CSKB2
LED	CREE CXA1820



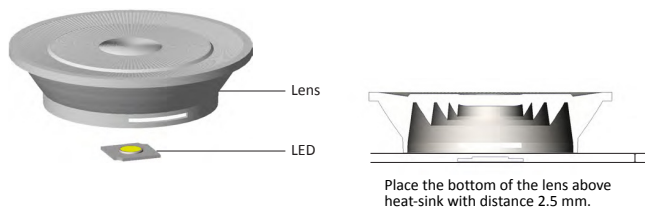
Mechanical Specification

*All dimensions are in millimeters.

Assembly Instruction

Fixing Method

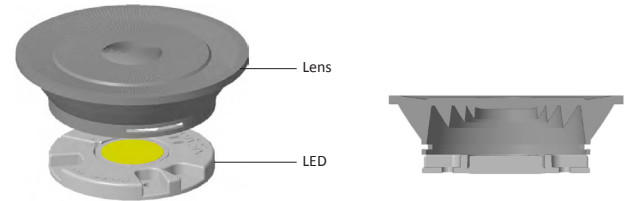
Part No LL01CR-CEN××L02
LED CITIZEN CLL030 / CLU700 / CLU710



Assembly Instruction

Fixing Method

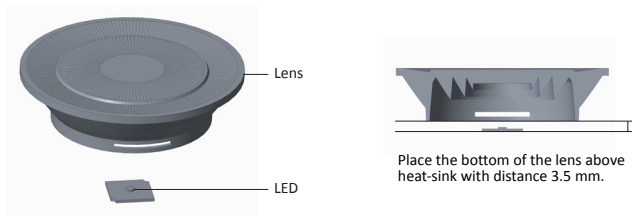
Part No LL01CR-CEN××L02
LED XICATO XTM 19mm / XTM 9mm



Assembly Instruction

Fixing Method

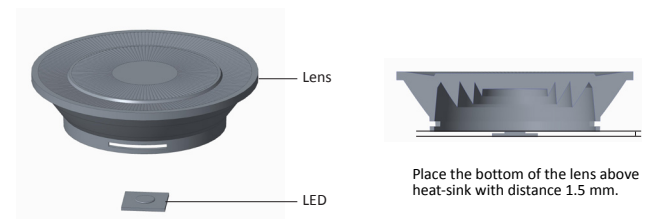
Part No LL01CR-CEN××L02
LED TOYONIA M04 / LEDTEEN TW682A
HONOURTEK HRA0303 / HRA0404 /
HRA0407 / HRA0410



Assembly Instruction

Fixing Method

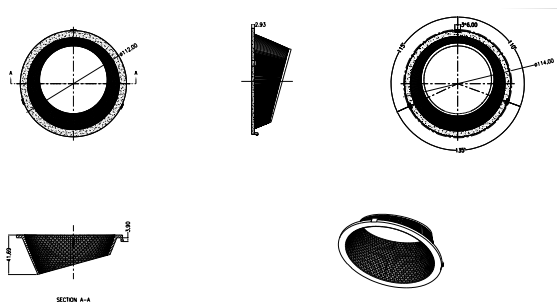
Part No LL01CR-CEN××L02
LED TOYONIA M10



Anti-Glare Cover Dimension



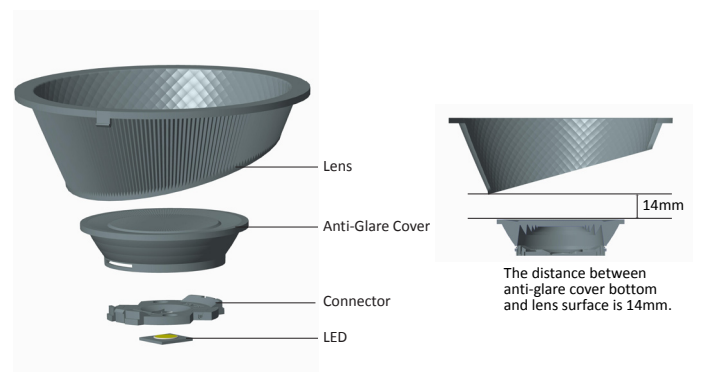
LL01CR-CUE34L14



Assembly Instruction

Fixing Method

Part No LL01CR-CEN38L02
Anti-Glare Cover LL01CR-CUE34L14
LED CREE CXA1520



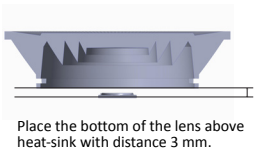
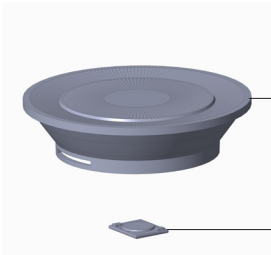
Mechanical Specification

*All dimensions are in millimeters.

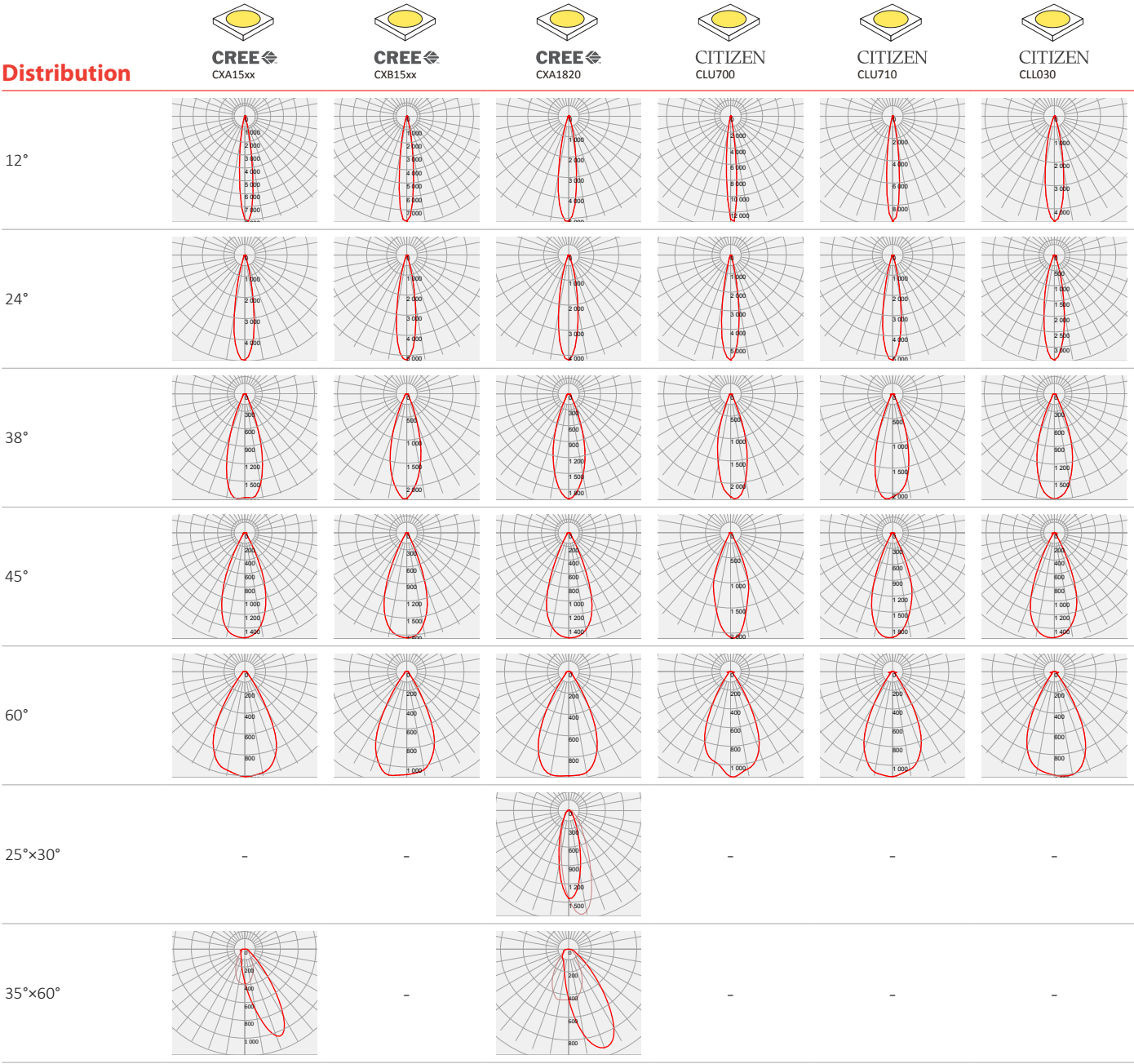
Assembly Instruction

Fixing Method

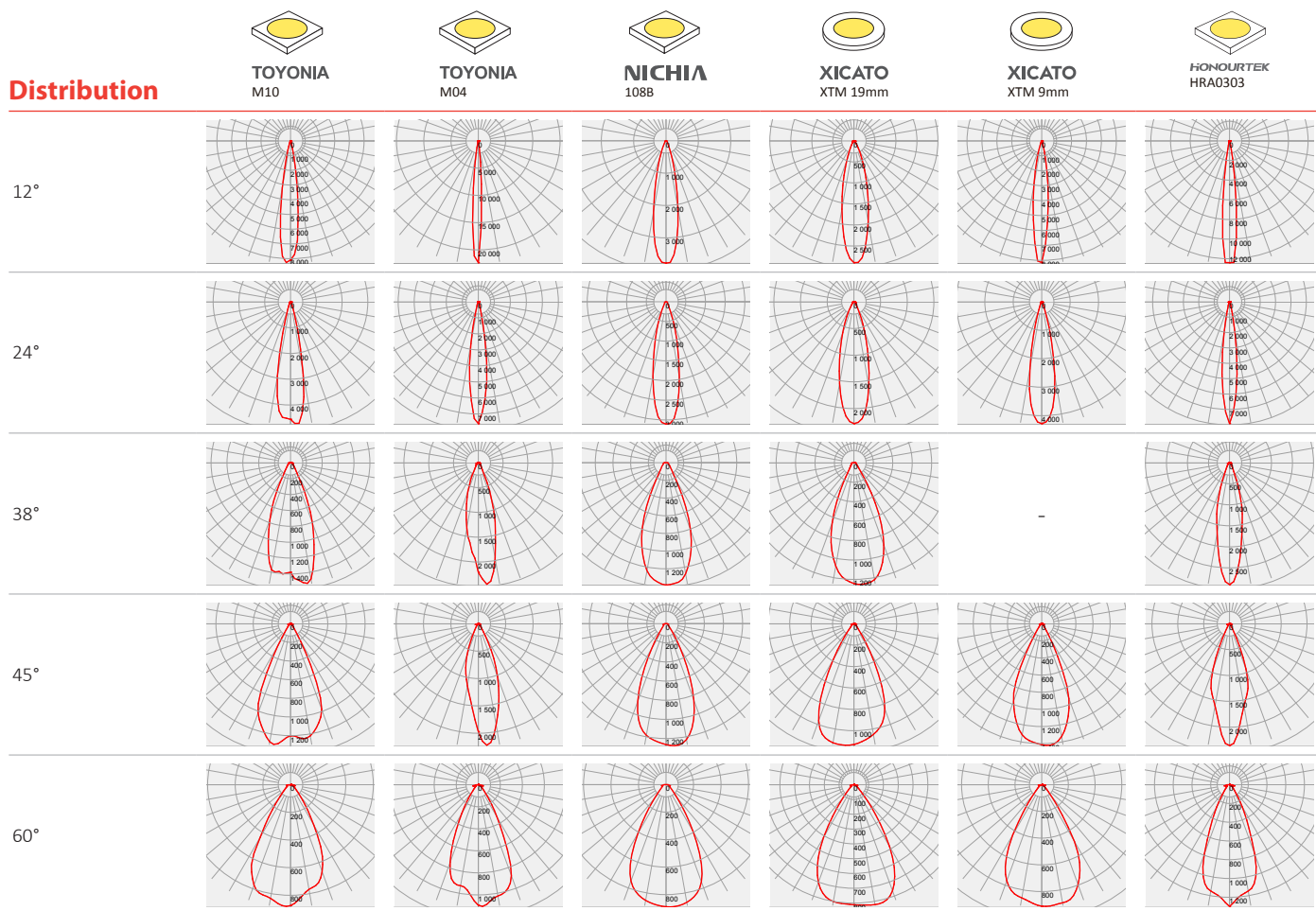
Part No LL01CR-CEN××L02
LED Bridgelux Vesta DTW 6mm Gen 2
Bridgelux Vesta TW 6/15/18/22/29mm Gen 2



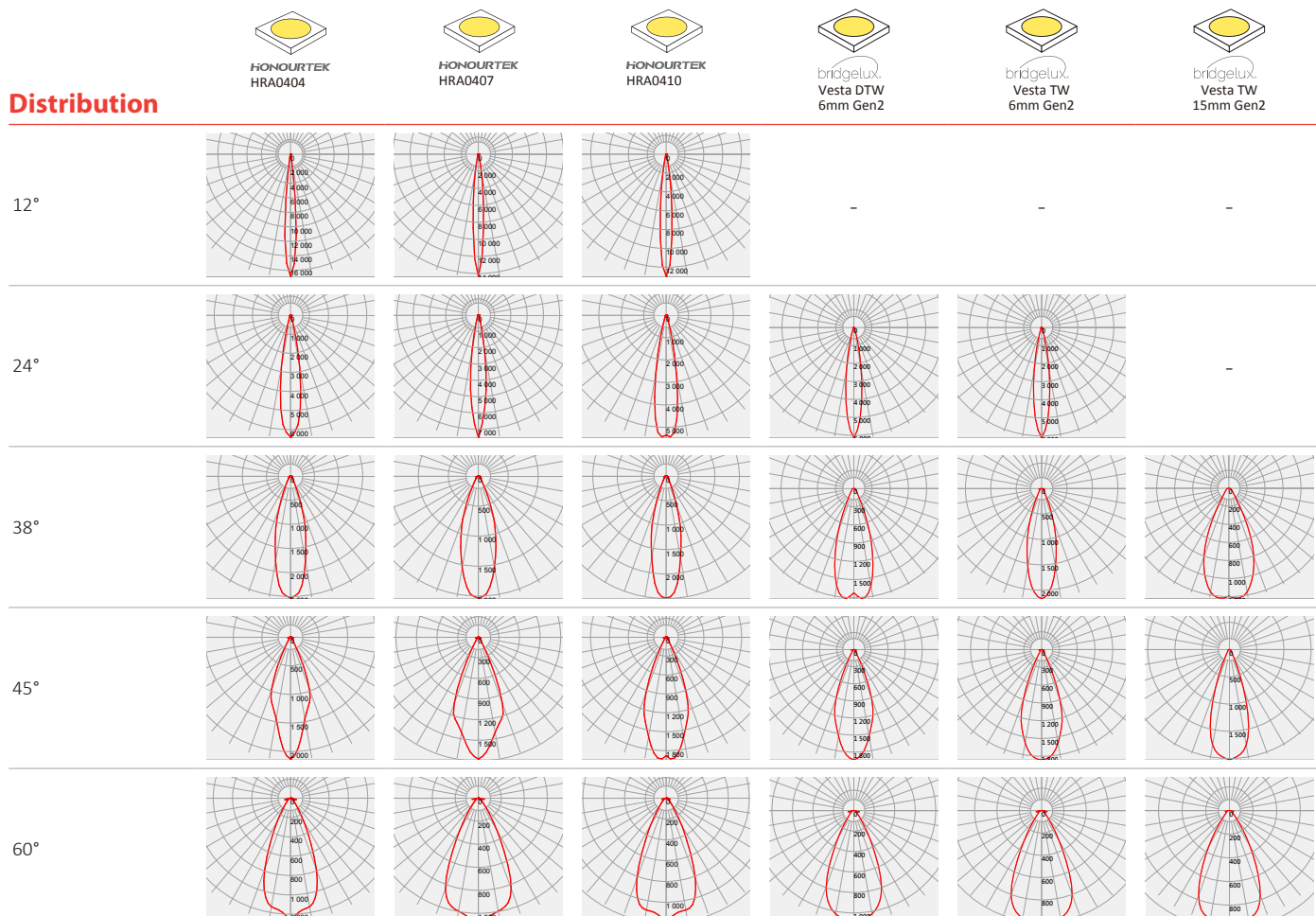
Photometric Distribution



Distribution



Distribution



Distribution



bridgelux
Vesta TW
18mm Gen2



bridgelux
Vesta TW
22mm Gen2



bridgelux
Vesta TW
29mm Gen2



LEDTEEN
TW682A

12°

-

-

-

-

24°

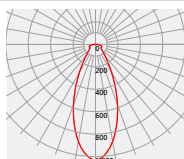
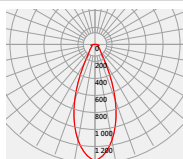
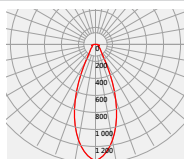
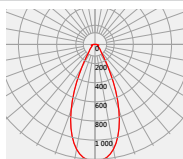
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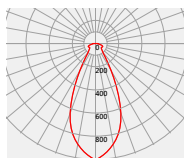
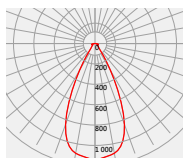
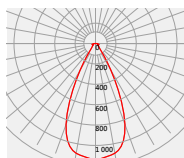
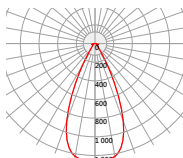
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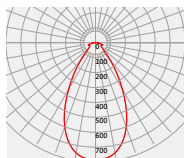
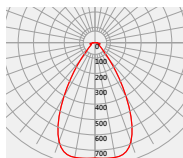
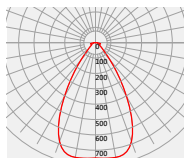
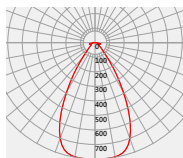
38°



45°



60°

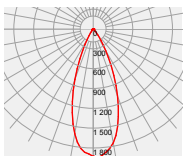


CREE
CXA1520

Distribution

38°

With Anti-Glare Cover



Details by LED

Part No	Connector	LED Package Size	LED
LL01CR-CENxxL02	-	LES Ø2.8~28.5	 CITIZEN CLU700  CITIZEN CLU710  CITIZEN CLL030  TOYONIA M04  TOYONIA M10  XICATO XTM 19mm  XICATO XTM 9mm  HONOURTEK HRA0303  HONOURTEK HRA0404  HONOURTEK HRA0407  HONOURTEK HRA0410  bridgelux Vesta DTW 6mm Gen2  bridgelux Vesta TW 6mm Gen2  bridgelux Vesta TW 15mm Gen2  bridgelux Vesta TW 18mm Gen2  bridgelux Vesta TW 22mm Gen2  bridgelux Vesta TW 29mm Gen2  LEDTEEN TW682A
	 LL01A00CWDB2	LES Ø9	 CREE CXA15xx  CREE CXB15xx
	 LL01A00CWHB2	LES Ø14.6	 NICHIA 108B
	 LL01A00CSKB2	LES Ø12	 CREE CXA1820

Part No	Anti-Glare Cover	Connector	LED Package Size	LED
LL01CR-CEN38L02	 LL01CR-CUF34L14	 LL01A00CWDB2	LES Ø9	 CREE CXA1520

LED	Part No	FWHM	cd / lm	IES
 CREE CXA15xx	LL01CR-CEN12L02	14°	8.1	
	LL01CR-CEN24L02	20°	4.9	
	LL01CR-CEN38L02	36°	1.8	
	LL01CR-CEN45L02	44°	1.5	
	LL01CR-CEN60L02	59°	1.0	
	LL01CR-CEN3560L02	31°×57°	1.1	
 CREE CXB15xx	LL01CR-CEN12L02	15°	7.8	
	LL01CR-CEN24L02	20°	5.2	
	LL01CR-CEN38L02	32°	2.2	
	LL01CR-CEN45L02	42°	1.8	
	LL01CR-CEN60L02	55°	1.1	
 CREE CXA1820	LL01CR-CEN12L02	19°	5.1	
	LL01CR-CEN24L02	21°	4.1	
	LL01CR-CEN38L02	34°	1.9	
	LL01CR-CEN45L02	43°	1.5	
	LL01CR-CEN60L02	55°	0.9	
	LL01CR-CEN2530L02	28°×30°	1.7	
	LL01CR-CEN3560L02	39°×62°	0.9	
 TOYONIA M04	LL01CR-CEN12L02	8°	22.3	
	LL01CR-CEN24L02	16°	7.5	
	LL01CR-CEN38L02	27°	2.4	
	LL01CR-CEN45L02	29°	2.2	
	LL01CR-CEN60L02	49°	1.1	
 TOYONIA M10	LL01CR-CEN12L02	15°	8.2	
	LL01CR-CEN24L02	22°	4.7	
	LL01CR-CEN38L02	40°	1.5	
	LL01CR-CEN45L02	49°	1.3	
	LL01CR-CEN60L02	57°	0.8	
 CITIZEN CLU700	LL01CR-CEN12L02	11°	13.1	
	LL01CR-CEN24L02	18°	5.6	
	LL01CR-CEN38L02	31°	2.3	
	LL01CR-CEN45L02	38°	2.1	
	LL01CR-CEN60L02	52°	1.1	
 CITIZEN CLU710	LL01CR-CEN12L02	13°	9.4	
	LL01CR-CEN24L02	19°	5.1	
	LL01CR-CEN38L02	34°	2.1	
	LL01CR-CEN45L02	41°	1.9	
	LL01CR-CEN60L02	55°	1.1	

LED	Part No	FWHM	cd / lm	IES
 CITIZEN CLL030	LL01CR-CEN12L02	19°	4.5	
	LL01CR-CEN24L02	22°	3.4	
	LL01CR-CEN38L02	37°	1.7	
	LL01CR-CEN45L02	44°	1.5	
	LL01CR-CEN60L02	56°	1.0	
 NICHIA 108B	LL01CR-CEN12L02	22°	3.7	
	LL01CR-CEN24L02	24°	3.1	
	LL01CR-CEN38L02	43°	1.3	
	LL01CR-CEN45L02	47°	1.2	
	LL01CR-CEN60L02	57°	0.8	
 XICATO XTM 19mm	LL01CR-CEN12L02	24°	2.8	
	LL01CR-CEN24L02	27°	2.2	
	LL01CR-CEN38L02	45°	1.2	
	LL01CR-CEN45L02	52°	1.1	
	LL01CR-CEN60L02	61°	0.8	
 XICATO XTM 9mm	LL01CR-CEN12L02	14°	8.1	
	LL01CR-CEN24L02	22°	4.2	
	LL01CR-CEN38L02	-	-	-
	LL01CR-CEN45L02	47°	1.4	
	LL01CR-CEN60L02	60°	0.9	
 HONOURTEK HRA0303	LL01CR-CEN12L02	12°	12.3	
	LL01CR-CEN24L02	14°	7.9	
	LL01CR-CEN38L02	24°	2.8	
	LL01CR-CEN45L02	35°	2.3	
	LL01CR-CEN60L02	43°	1.2	
 HONOURTEK HRA0404	LL01CR-CEN12L02	10°	16.7	
	LL01CR-CEN24L02	18°	6.3	
	LL01CR-CEN38L02	28°	2.5	
	LL01CR-CEN45L02	37°	2.1	
	LL01CR-CEN60L02	44°	1.2	
 HONOURTEK HRA0407	LL01CR-CEN12L02	10°	14.2	
	LL01CR-CEN24L02	14°	7.4	
	LL01CR-CEN38L02	33°	2.0	
	LL01CR-CEN45L02	42°	1.7	
	LL01CR-CEN60L02	51°	1.0	
 HONOURTEK HRA0410	LL01CR-CEN12L02	11°	12.9	
	LL01CR-CEN24L02	19°	5.4	
	LL01CR-CEN38L02	28°	2.4	
	LL01CR-CEN45L02	39°	1.9	
	LL01CR-CEN60L02	47°	1.1	

LED	Part No	FWHM	cd / lm	IES
 bridgelux Vesta DTW 6mm Gen2	LL01CR-CEN12L02	-	-	-
	LL01CR-CEN24L02	16°	6.1	
	LL01CR-CEN38L02	36°	1.8	
	LL01CR-CEN45L02	38°	1.9	
	LL01CR-CEN60L02	49°	1.0	
 bridgelux Vesta TW 6mm Gen2	LL01CR-CEN12L02	-	-	-
	LL01CR-CEN24L02	16°	6.1	
	LL01CR-CEN38L02	30°	2.1	
	LL01CR-CEN45L02	39°	1.8	
	LL01CR-CEN60L02	52°	0.9	
 bridgelux Vesta TW 15mm Gen2	LL01CR-CEN12L02	-	-	-
	LL01CR-CEN24L02	-	-	-
	LL01CR-CEN38L02	47°	1.2	
	LL01CR-CEN45L02	35°	2.0	
	LL01CR-CEN60L02	54°	0.9	
 bridgelux Vesta TW 18mm Gen2	LL01CR-CEN12L02	-	-	-
	LL01CR-CEN24L02	-	-	-
	LL01CR-CEN38L02	44°	1.2	
	LL01CR-CEN45L02	47°	1.2	
	LL01CR-CEN60L02	59°	0.8	
 bridgelux Vesta TW 22mm Gen2	LL01CR-CEN12L02	-	-	-
	LL01CR-CEN24L02	-	-	-
	LL01CR-CEN38L02	40°	1.3	
	LL01CR-CEN45L02	49°	1.1	
	LL01CR-CEN60L02	61°	0.7	
 bridgelux Vesta TW 29mm Gen2	LL01CR-CEN12L02	-	-	-
	LL01CR-CEN24L02	-	-	-
	LL01CR-CEN38L02	43°	1.0	
	LL01CR-CEN45L02	47°	1.0	
	LL01CR-CEN60L02	57°	0.7	
 LEDTEEN TW682A	LL01CR-CEN12L02	-	-	-
	LL01CR-CEN24L02	16°	5.7	
	LL01CR-CEN38L02	37°	1.7	
	LL01CR-CEN45L02	38°	1.8	
	LL01CR-CEN60L02	52°	0.9	

Product Nomenclature

Ledlink Led Type Lens Angle

LL 01 CR- CEN 12 L02

Lens Dot Number Serial Number Type of Material

Ledlink Optics, Inc

Taiwan HQ

15F, No.655,Bannan Rd., Chung-Ho Dist.,
New Taipei City, Taiwan 235

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Dongguan Factory

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GuangDong Province, China 523478

Ledlink Optics (Yangzhou) Co., Ltd

Yangzhou Factory

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www.ledlink-optics.com

service@ledlink-optics.com

