LedLink
Linking LEDs to The Real World

V1.2_20170522

Data Sheet

LL01CR-CEWxxL52

CREE
LED Solution Provider

CXA1310

Features & Typical Applications

- High efficiency
- Available with 3 beam angles
- Optimized Uniformity
- Lens with Connector
- Architectural Lighting
- Commercial Lighting
- Spotlight

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LL01CR-CEWxxL52

General Information

- Lens Material : SABIC 2180T
- Connector Material : PBT4815
- Operating Temperature range -40℃~+110℃(upper limit +120℃).
- Storage Temperature range -40℃~+110℃(upper limit +120℃).
  * Average transmittance in visible spectrum 400nm~700nm>90%.
- Usage and Maintenance:
  1. If necessary, clean lenses with mild soap, water and soft cloth.
  2. Never use any commercial cleaning solvents on lenses, like alcohol.
  3. Please handle or install lenses with wearing gloves, skin oils may damage lens or its optical characteristic.

Product Nomenclature

X1-Ledlink

X3 - Led type
ex : ED:Edison, CR:CREE…etc.

X6 - Type
ex : L:Lens、H:Holder

LL	01	CR	-	CEW	xx	L	02
X1	X2	X3		X4	X5	X6	X7

X2 - Lens quantity
ex: 01、03、06…etc.

X4 - Serial number
ex:AA、AB、AAA、AAB…etc.

X5 - Lens angle
ex: 40、60…etc.

X7 - Type of material
ex:02-PC、06-PMMA…etc.

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Optical Specifications

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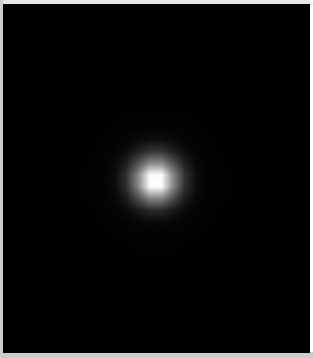
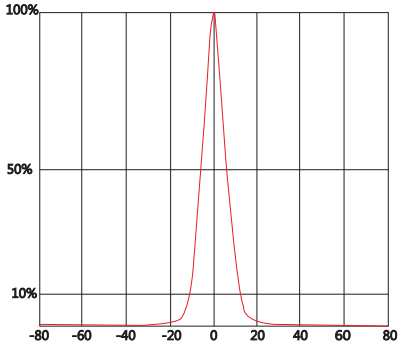
Note: (1) All the results of analysis are based on 0 degrees of elevation.
(2) Tolerance: ±10%.
(3) Led Luminous Flux(lm): 330(±5%).

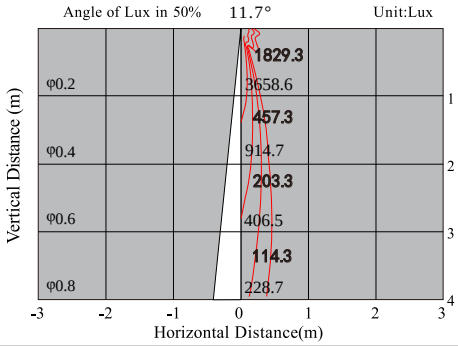
Part Number	FWHM	Field Angle*	cd / lm	IES File
LL01CR-CEW12L52	12°	24°	11.1	Download



Beam Pattern

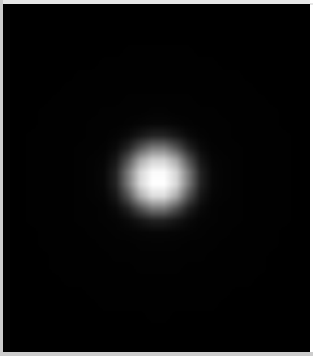


Candela Distribution

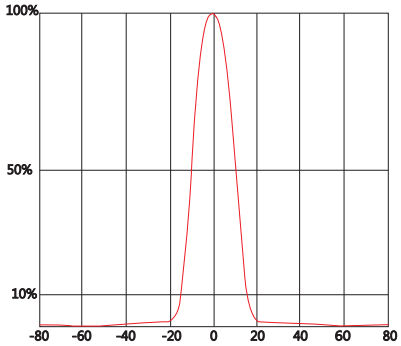


Illuminance Distribution

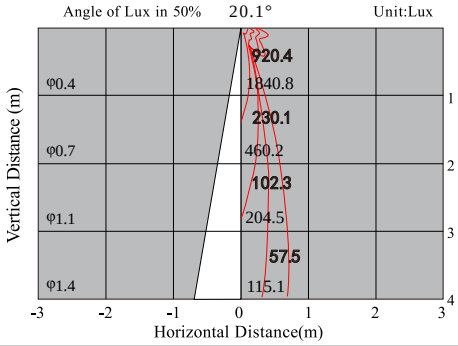
Part Number	FWHM	Field Angle*	cd / lm	IES File
LL01CR-CEW24L52	20°	30°	5.6	Download



Beam Pattern

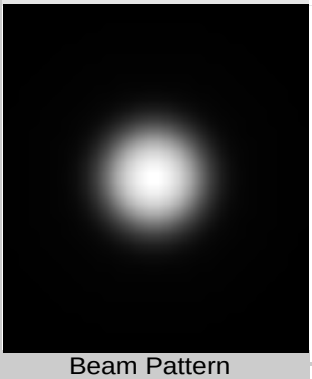


Candela Distribution

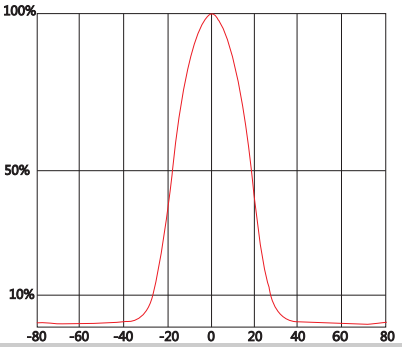


Illuminance Distribution

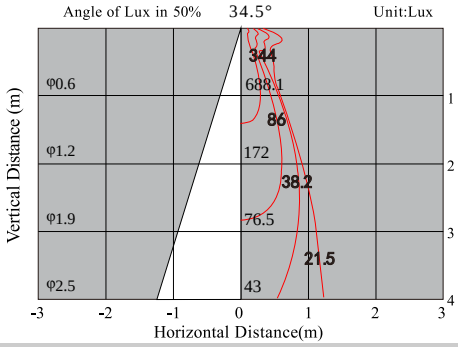
Part Number	FWHM	Field Angle*	cd / lm	IES File
LL01CR-CEW38L52	36°	54°	2.1	Download



Beam Pattern



Candela Distribution



Illuminance Distribution

*The Field Angle is the angle between the two directions opposed to each other over the beam axis for which the luminous intensity is 10% that of the maximum luminous intensity.
*This testing result is obtained through testing the popular rank LED samples which provided by the original manufacturer. Hence, the testing results would be varied as the users choose same LED model but different rank.

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LL01CR-CEWxxL52
Optical Specifications

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LED Solution Provider

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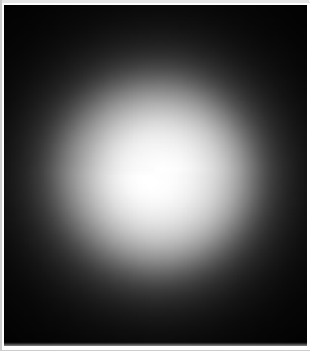
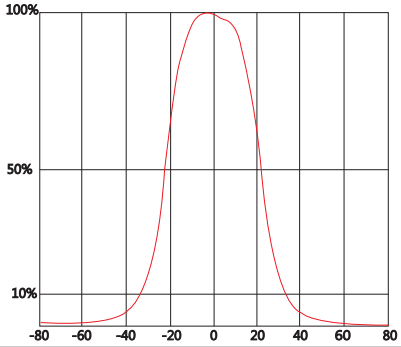
Note: (1) All the results of analysis are based on 0 degrees of elevation.
(2) Tolerance: ±10%.
(3) Led Luminous Flux(lm): 330(±5%).

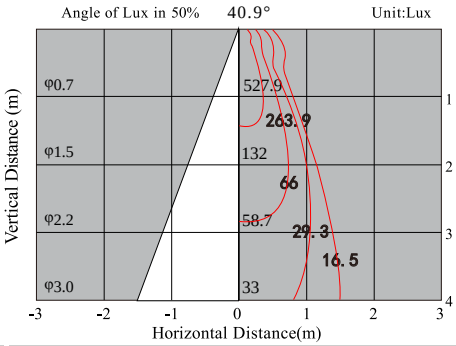
Part Number	FWHM	Field Angle*	cd / lm	IES File
LL01CR-CEW45L52	44.6°	68.7°	1.4	Download



Beam Pattern



Candela Distribution



Illuminance Distribution

*The Field Angle is the angle between the two directions opposed to each other over the beam axis for which the luminous intensity is 10% that of the maximum luminous intensity.
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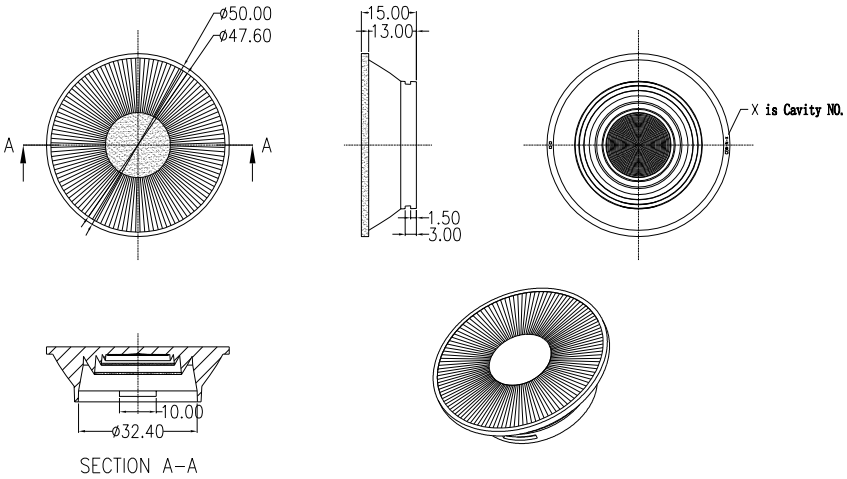
LL01CR-CEWxxL52
Mechanical Specification

1.Fixing method

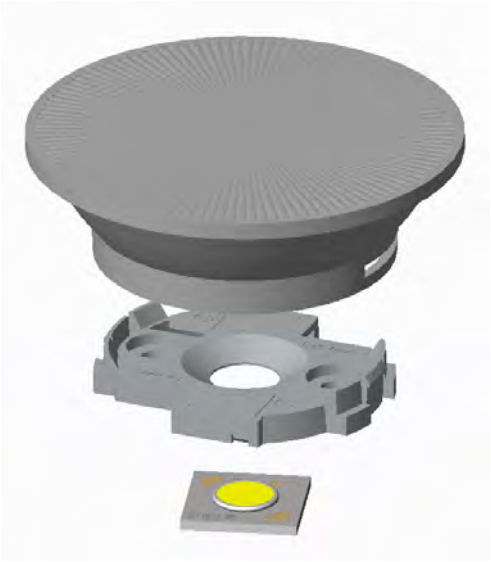
Note: (1)All dimensions are in mm.
(2)All tolerance are ± 0.15 mm
unless otherwise specified.

☐ Glue ■ Screw ☐ Tape ■ Fixing-ring ■ Frame

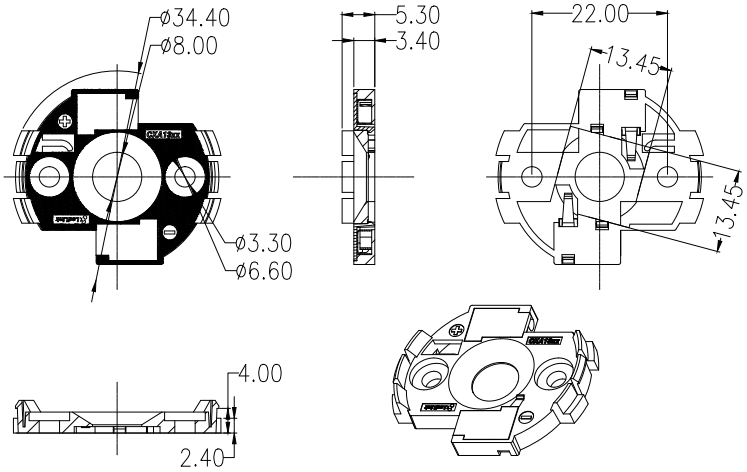
2.Lens dimension



3. Lens + Leds assembly instruction

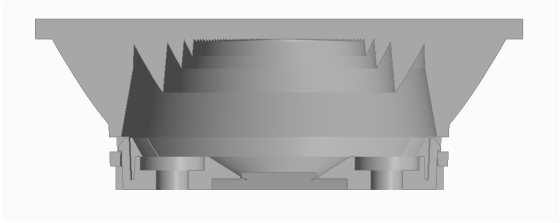


4.Connector dimension



Connector part number: LL01A00CZNB2-M2

5. View assembly lens with LED:



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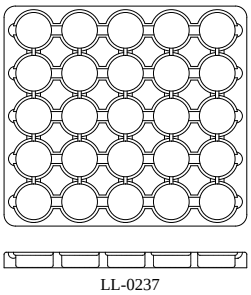
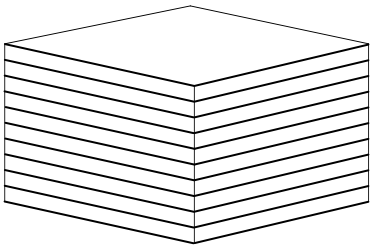
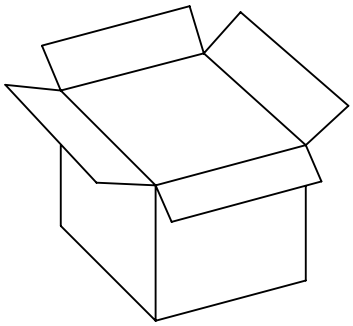
Package Specifications

Item	Quantity	Total	Size(L*W*H)	G.W
plastic box	25 pcs/plastic box	25 pcs	32*29*2.05 cm	12.9g
outer box	10 plastic box/outer box	250 pcs	35*31*21 cm	



25 pcs/plastic box





250 pcs/outer box

Note:

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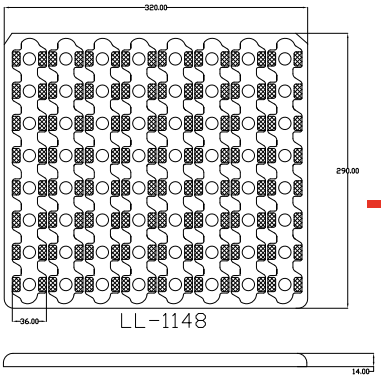
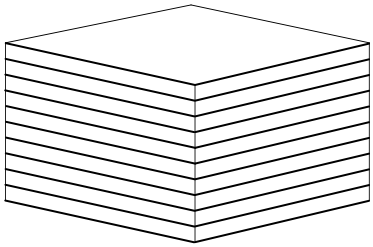
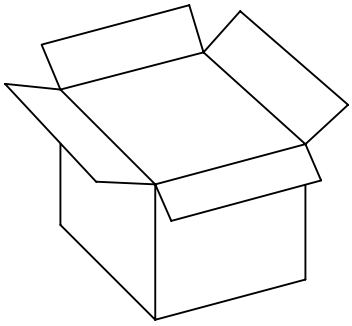
Package Specifications

Item	Quantity	Total	Size(L*W*H)	G.W
plastic box	64pcs/plastic box	64 pcs	32*29.3*1.4 cm	1.5g
outer box	14 plastic box/outer box	896 pcs	41*38*21 cm	



64 pcs/plastic box





896 pcs/outer box

Note:

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Поставка электронных компонентов

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- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
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- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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AVIC JONHON

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«FORSTAR» (основан в 1998 г.)

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