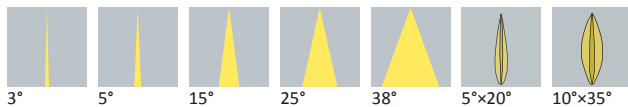




Datasheet BLU Series

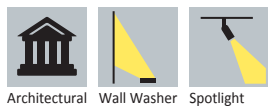
Available Distribution



LED

CREE	CREE	CREE	NICHIA	SAMSUNG	OSRAM	TOYONIA
XP-E	XPL-HD	XPL-HI	NCS××19B	LH351A	OSLON SSL80	M05
XP-E2	XM-L2	XHP35-HI	NVS××19B	LH351D		
XP-G	XM-L AWT		NVS××19C			
XP-G2	XHP35-HD		NVSW219C			
XP-L2						

Recommend Applications



General Information

PMMA	PC	PMMA 8N	PC LEV1700K	400nm~900nm	Hand
70°C -40°C	110°C -40°C	HB RTI 90°C	V-2 RTI 130°C	> 90%	

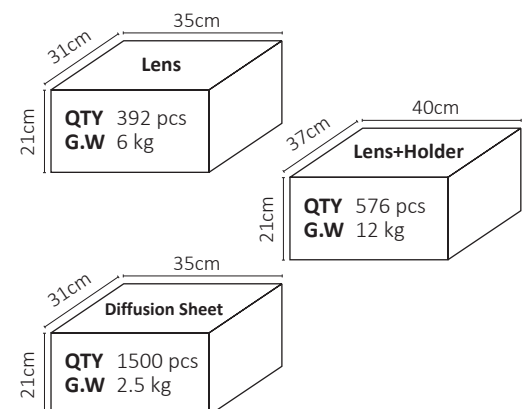
- Lens Material L06: PMMA 8N / L02: PC LEV1700KL
- Operating Temperature L06: -40°C~+70°C / L02: -40°C~+110°C
- UL Flammability L06: HB / L02: V-2 @ 1.5mm
- UL RTI Elec L06: 90°C / L02: 130°C@1.5mm
- Light Transmission Rate 400nm~900nm > 90%
- ✓ If necessary, Clean lenses with mild soap, water and soft 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-BLU××L06-T	Ø 35	20.8
LL01CR-BLU××L06-M2-T	Ø 38.2	21.5
LL01CR-BLU05L06-M2-T + LL01CR-DLX××L02	Ø 38.2	21.5

*All dimensions are in millimeters.

Packaging Details (SPQ)



Accessories



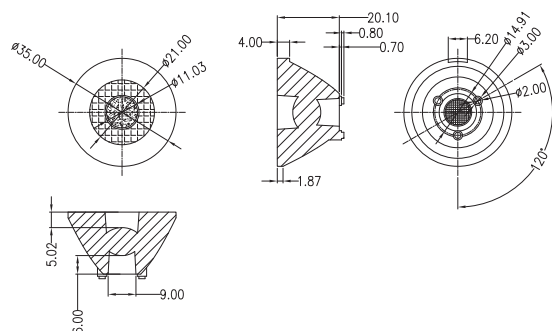
- Available with Holder LL01CRVZ05H2
- Available with Tape LL01A00XUNX LL01A00AYTX2
- Available with Diffusion Sheet LL01CR-DLX××L02 (15°/25°/38°/10°x35°)

Mechanical Specification

*All dimensions are in millimeters.

Lens Dimension

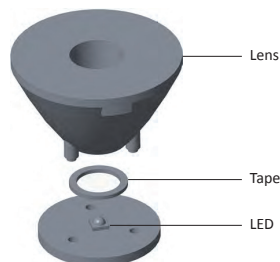
LL01CR-BLU××L06



Assembly Instruction

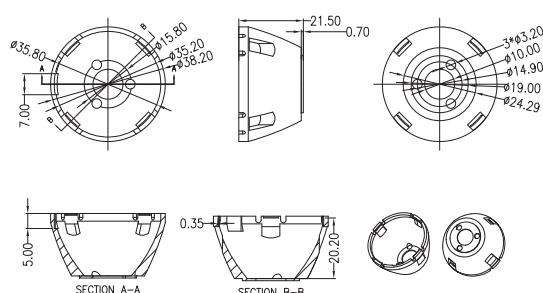
Part No LL01CR-BLU××L06-T
Tape LL01A00XUNX

Fixing Method



Holder Dimension

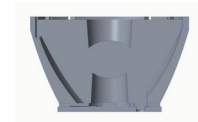
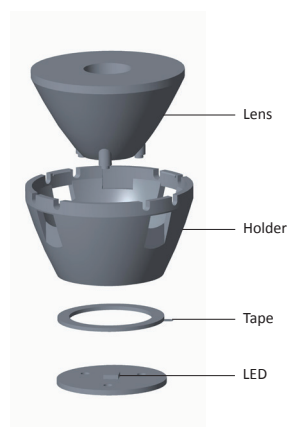
LL01CRVZ05H2



Assembly Instruction

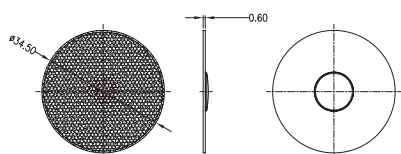
Part No LL01CR-BLU××L06-M2-T
Holder LL01CRVZ05H2
Tape LL01A00AYTX2

Fixing Method



Diffusion Sheet Dimension

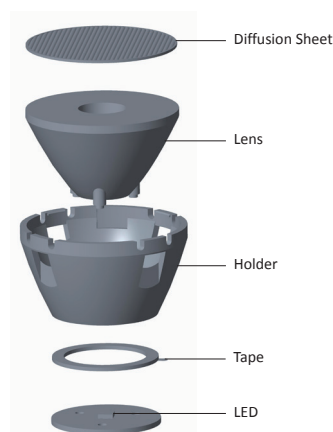
LL01CR-DLX××L02 (15°/25°/38°/10°×35°)



Assembly Instruction

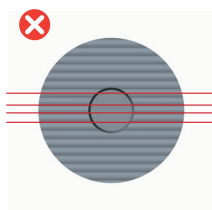
Part No LL01CR-BLU05L06-M2-T + LL01CR-DLX××L02
Assembly Lens LL01CR-BLU05L06
Holder LL01CRVZ05H2
Tape LL01A00AYTX2
Diffusion Sheet LL01CR-DLX××L02 (15°/25°/38°/10°×35°)

Fixing Method

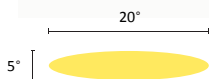
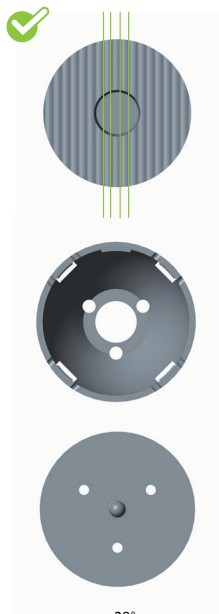


Assembly Instruction

Part No LL01CR-BLU0520L06-M2-T
Holder LL01CRVZ05H2

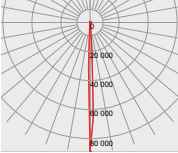
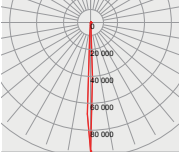
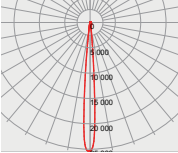
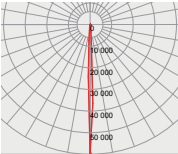
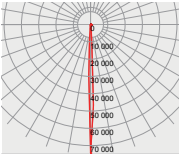
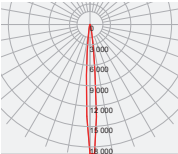
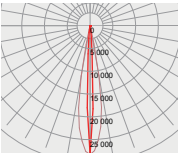
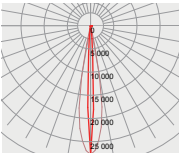
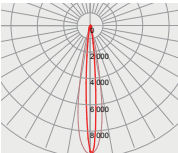


* Please ensure the lens position is correctly located as shown in picture.

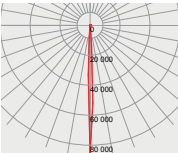
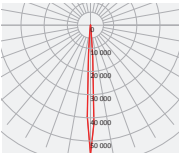
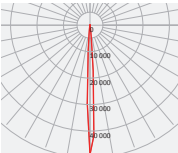
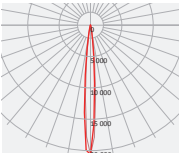
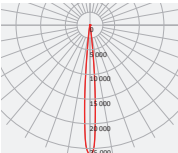
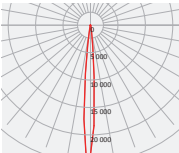
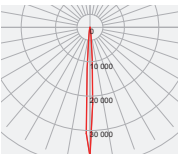
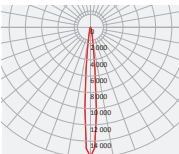
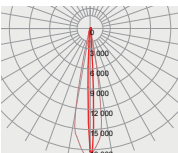


Photometric Distribution

LL01CR-BLUxxL06-T

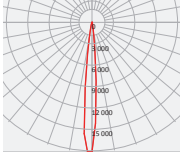
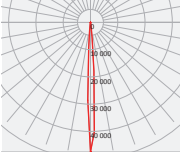
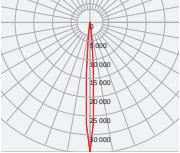
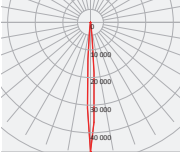
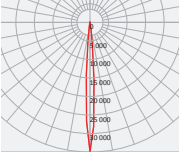
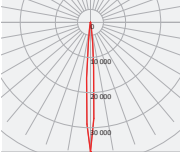
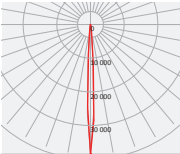
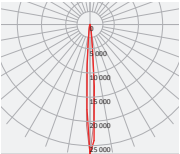
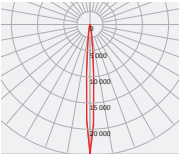
	 CREE XPE	 CREE XPE2	 CREE XML2
Lens			
3°			
5°			
5°×20°			

LL01CR-BLUxxL06-M2-T

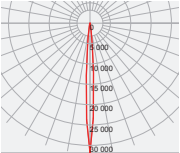
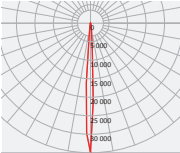
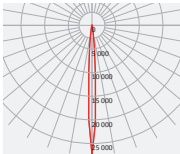
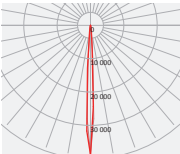
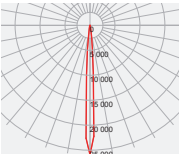
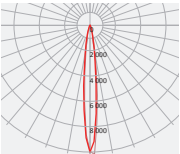
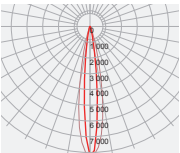
	 CREE XPE	 CREE XPG	 CREE XP-G2	 CREE XP-L2	 CREE XPL-HD	 CREE XM-L AWT
Distribution						
3°						
5°		—	—		—	—
5°×20°		—	—	—	—	—

Photometric Distribution

L01CR-BLU××L06-M2-T

Lens						
	CREE XHP35-HD	CREE XPL-HI	CREE XHP35-HI	NICHIA NCS××19B	NICHIA NVS××19B	NICHIA NVS××19C
3°						
5°	-			-		-
5°×20°	-	-	-	-	-	-

LL01CR-BLU××L06-M2-T

Distribution					
	NICHIA NVSW219C	SAMSUNG LH351A	SAMSUNG LH351D	OSRAM OSLOM SSL80	TOYONIA M05
3°	-	-			-
5°				-	
5°×20°	-	-		-	-

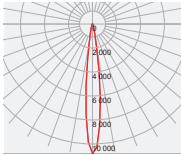
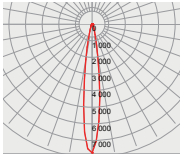
Photometric Distribution

LL01CR-BLU05L06-M2-T + LL01CR-DLX××L02

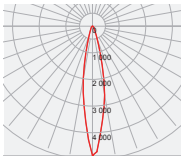
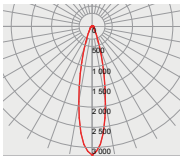
Lens with
Diffusion
Sheet



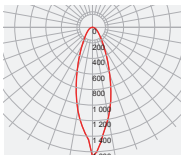
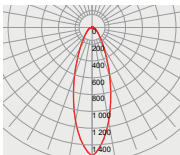
15°



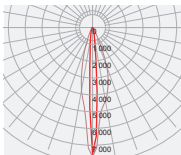
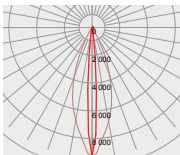
25°



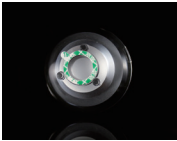
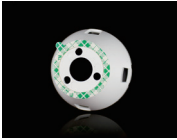
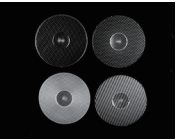
38°



10°×35°



Details by LED

Part No	Lens	Holder	Tape	Diffusion sheet	LED
LL01CR-BLU××L06-T	 LL01CR-BLU××L06	-	 LL01A00XUNX	-	 CREE XPE  CREE XPE2  CREE XML2
LL01CR-BLU××L06-M2-T	 LL01CR-BLU××L06	 LL01CRVZ05H2	 LL01A00AYTX2	-	 CREE XPE  CREE XPG  CREE XP-G2  CREE XP-L2  CREE XPL-HD  CREE XM-L AWT  CREE XHP35-HD  CREE XPL-HI  CREE XHP35-HI  NICHIA NCS××19B  NICHIA NVS××19B  NICHIA NVS××19C  NICHIA NVSW219C  SAMSUNG LH351A  SAMSUNG LH351D  OSRAM OSLOM SSL80  TOYONIA M05
LL01CR-BLU05L06-M2-T + LL01CR-DLX××L02	 LL01CR-BLU05L06	 LL01CRVZ05H2	 LL01A00AYTX2	 LL01CR-DLX××L02 (15°/25°/38°/10°×35°)	 CREE XHP35-HI  CREE XPG

LED	Part No	FWHM	cd / lm	IES
 CREE XPE	LL01CR-BLU03L06-T	4°	88.5	
	LL01CR-BLU05L06-T	4°	59.5	
	LL01CR-BLU0520L06-T	5°×18°	28.2	
	LL01CR-BLU03L06-M2-T	4°	85.8	
	LL01CR-BLU05L06-M2-T	5°	37.6	
 CREE XPE2	LL01CR-BLU0520L06-M2-T	4°×19°	19.1	
	LL01CR-BLU03L06-T	4°	95.4	
	LL01CR-BLU05L06-T	4°	74.4	
 CREE XML2	LL01CR-BLU0520L06-T	5°×18°	27.7	
	LL01CR-BLU03L06-T	8°	25.3	
	LL01CR-BLU05L06-T	8°	19.0	
 CREE XPG	LL01CR-BLU0520L06-T	8°×19°	10.9	
	LL01CR-BLU03L06-M2-T	5°	55.8	
	LL01CR-BLU05L06-M2-T	-	-	-
	LL01CR-BLU0520L06-M2-T	-	-	-
	LL01CR-BLU05L06-M2-T + LL01CR-DLX15L02	12°	107	
	LL01CR-BLU05L06-M2-T + LL01CR-DLX25L02	18°	4.8	
	LL01CR-BLU05L06-M2-T + LL01CR-DLX38L02	31°	1.6	
	LL01CR-BLU05L06-M2-T + LL01CR-DLX1035L02	6°×23°	7.6	

LED	Part No	FWHM	cd / lm	IES
 CREE XP-G2	LL01CR-BLU03L06-M2-T	5°	48.8	↓
	LL01CR-BLU05L06-M2-T	-	-	-
	LL01CR-BLU0520L06-M2-T	-	-	-
 CREE XP-L2	LL01CR-BLU03L06-M2-T	8°	20.6	↓
	LL01CR-BLU05L06-M2-T	9°	15.9	↓
	LL01CR-BLU0520L06-M2-T	-	-	-
 CREE XPL-HD	LL01CR-BLU03L06-M2-T	8°	26.2	↓
	LL01CR-BLU05L06-M2-T	-	-	-
	LL01CR-BLU0520L06-M2-T	-	-	-
 CREE XM-L AWT	LL01CR-BLU03L06-M2-T	8°	23.5	↓
	LL01CR-BLU05L06-M2-T	-	-	-
	LL01CR-BLU0520L06-M2-T	-	-	-
 CREE XHP35-HD	LL01CR-BLU03L06-M2-T	9°	18.1	↓
	LL01CR-BLU05L06-M2-T	-	-	-
	LL01CR-BLU0520L06-M2-T	-	-	-
 CREE XPL-HI	LL01CR-BLU03L06-M2-T	6°	47.4	↓
	LL01CR-BLU05L06-M2-T	5°	38.4	↓
	LL01CR-BLU0520L06-M2-T	-	-	-
 CREE XHP35-HI	LL01CR-BLU03L06-M2-T	6°	34.5	↓
	LL01CR-BLU05L06-M2-T	6°	26.6	↓
	LL01CR-BLU0520L06-M2-T	-	-	-
	LL01CR-BLU05L06-M2-T + LL01CR-DLX15L02	14°	7.3	↓
	LL01CR-BLU05L06-M2-T + LL01CR-DLX25L02	23°	3.1	↓
	LL01CR-BLU05L06-M2-T + LL01CR-DLX38L02	33°	1.5	↓
 NICHIA NCSxx198	LL01CR-BLU03L06-M2-T	6°	46.8	↓
	LL01CR-BLU05L06-M2-T	-	-	-
	LL01CR-BLU0520L06-M2-T	-	-	-
	LL01CR-BLU03L06-M2-T	7°	34.9°	↓
	LL01CR-BLU05L06-M2-T	6°	24.6	↓
	LL01CR-BLU0520L06-M2-T	-	-	-
 NICHIA NVSxx198	LL01CR-BLU03L06-M2-T	6°	36.8	↓
	LL01CR-BLU05L06-M2-T	-	-	-
	LL01CR-BLU0520L06-M2-T	-	-	-
 NICHIA NVSxx19C	LL01CR-BLU03L06-M2-T	-	-	-
	LL01CR-BLU05L06-M2-T	6°	27.3	↓
	LL01CR-BLU0520L06-M2-T	-	-	-
 SAMSUNG LH351A	LL01CR-BLU03L06-M2-T	-	-	-
	LL01CR-BLU05L06-M2-T	5°	38.7	↓
	LL01CR-BLU0520L06-M2-T	-	-	-
 SAMSUNG LH351D	LL01CR-BLU03L06-M2-T	6°	31.7	↓
	LL01CR-BLU05L06-M2-T	7°	25.8	↓
	LL01CR-BLU0520L06-M2-T	11°×20°	8.2	↓
 OSRAM OSLOM SSL80	LL01CR-BLU03L06-M2-T	6°	34.9	↓
	LL01CR-BLU05L06-M2-T	-	-	-
	LL01CR-BLU0520L06-M2-T	-	-	-
 TOYONIA M05	LL01CR-BLU03L06-M2-T	-	-	-
	LL01CR-BLU05L06-M2-T	11°	10.2	↓
	LL01CR-BLU0520L06-M2-T	-	-	-

Product Nomenclature

Ledlink Led Type Lens Angle Holder Diffusion Sheet Angle

LL 01 CR -BLU 05 L06 -M2 -T + LL01CR-DLX15L02

Lens Dot Number Serial Number Type of Material Tape

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