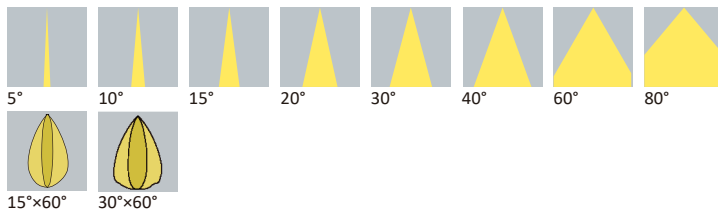




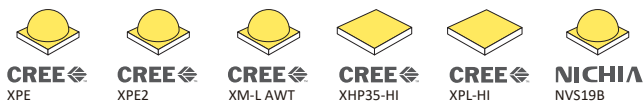
Datasheet

AHA Series

Available Distribution



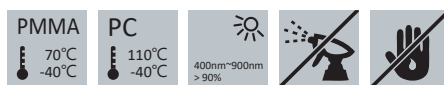
LED



Recommend Applications



General Information



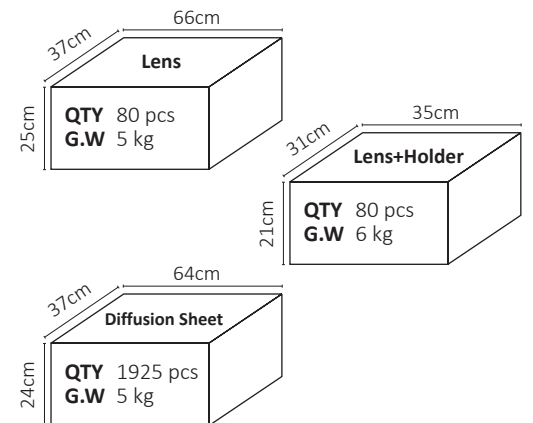
- Lens Material: PMMA / PC
- Lens Color: Transparent
- Operating Temperature: PMMA: -40°C~+70°C / PC: -40°C~+110°C
- Light Transmission Rate: 400nm~900nm > 90%
- ☑ If necessary, Clean lenses with mild soap, water and soft cloth.
- ⚠ Never use any commercial cleaning solvents on lenses, like alcohol.
- 🧤 Please handle or install lenses with wearing gloves, skin oils may damage lens or its optical characteristic.

Dimensions

Part Number	Diameter	Height
LL01ZZ-AHA05L06-M2-T	Ø52	27
LL01ZZ-AHA10L06-M2-T		
LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCKxxL52		

*All dimensions are in millimeters.

Packaging Details (SPQ)



Accessories



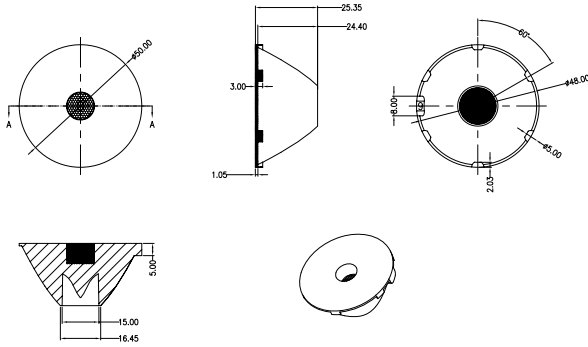
- Available with Holder: LL01CRRN05H2
- Available with Diffusion Sheet: LL01ZZ-DCKxxL52
- Available with Tape: LL01A33AXVXX

Mechanical Specification

*All dimensions are in millimeters.

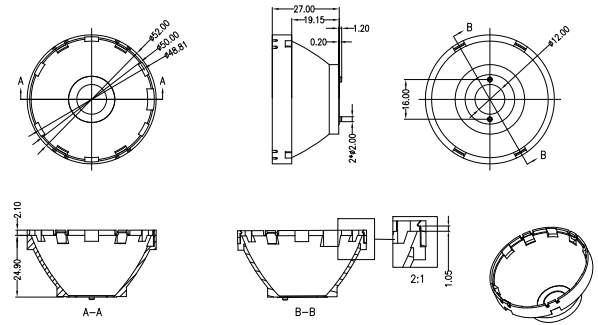
Lens Dimension

LL01ZZ-AHA××L06



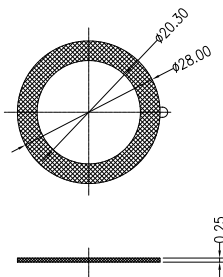
Holder Dimension

LL01CRRN05H2



Tape Dimension

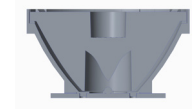
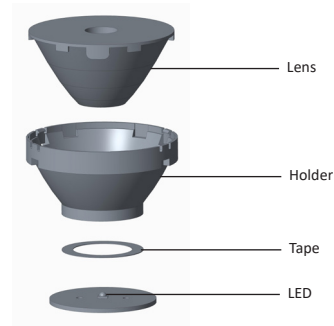
LL01A33AXVXX



Assembly Instruction

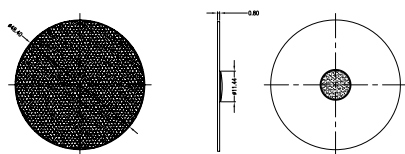
Part No LL01ZZ-AHA××L06-M2-T
Holder LL01CRRN05H2
Tape LL01A33AXVXX

Fixing Method



Diffusion Sheet Dimension

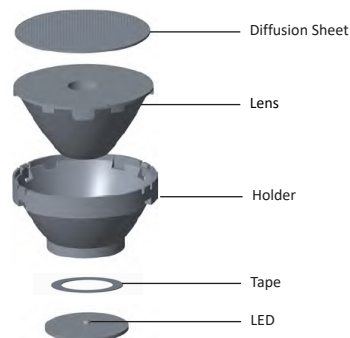
LL01ZZ-DCK××L52



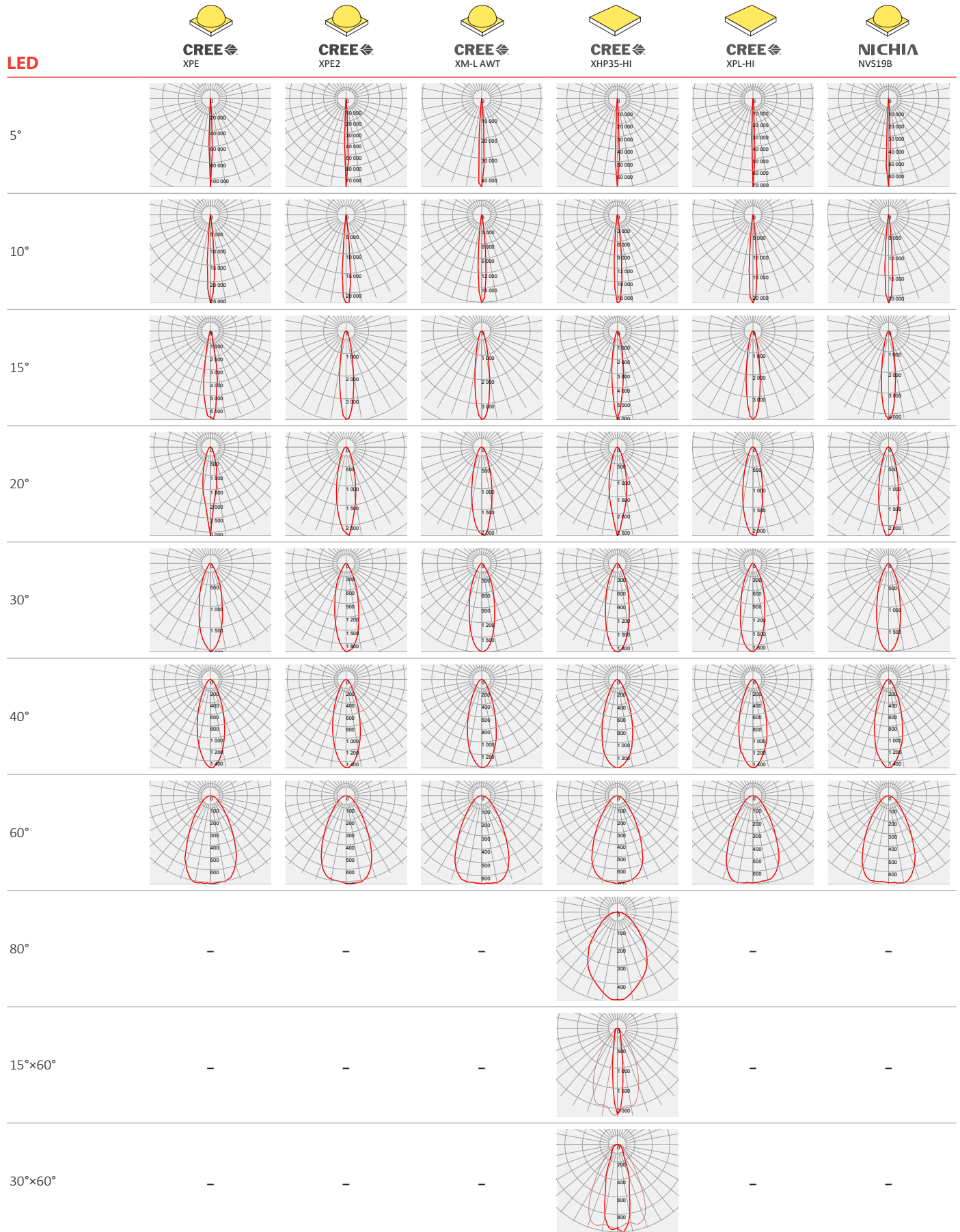
Assembly Instruction

Part No LL01ZZ-AHA05L06-M2-T
+ LL01ZZ-DCK××L52
Holder LL01CRRN05H2
Diffusion Sheet LL01ZZ-DCK××L52
Tape LL01A33AXVXX




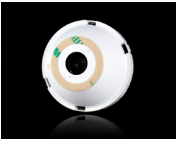
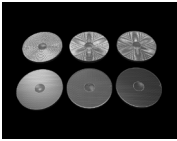
Fixing Method







Photometric Distribution




















Details by LED

Part No	Holder	Tape	Diffusion Sheet	LED Package Size
LL01ZZ-AHAxxL06-M2-T	 LL01CRRN05H2	 LL01A33AXVXX	-	3535 / 5050
LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCKxxL52	 LL01CRRN05H2	 LL01A33AXVXX	 LL01ZZ-DCKxxL52	

LED	Part No	FWHM	cd/lm	IES
	LL01ZZ-AHA05L06-M2-T	4°	110.5	↓
	LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCK10L52	9°	26.3	↓
	LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCK15L52	17°	6.8	↓
	LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCK20L52	16°	3.1	↓
	LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCK30L52	30°	2.0	↓
	LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCK40L52	35°	1.5	↓
	LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCK60L52	59°	0.7	↓
	LL01ZZ-AHA05L06-M2-T	4°	78.2	↓
	LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCK10L52	9°	22.5	↓
	LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCK15L52	18°	3.9	↓
	LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCK20L52	25°	2.2	↓
	LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCK30L52	31°	1.9	↓
	LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCK40L52	36°	1.5	↓
	LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCK60L52	60°	0.7	↓

LED	Part No	FWHM	cd/lm	IES
	LL01ZZ-AHA05L06-M2-T	6°	44.6	↓
	LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCK10L52	10°	18.2	↓
	LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCK15L52	19°	3.6	↓
	LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCK20L52	26°	2.1	↓
	LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCK30L52	33°	1.7	↓
	LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCK40L52	37°	1.4	↓
	LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCK60L52	62°	0.6	↓
	LL01ZZ-AHA05L06-M2-T	5°	70.0	↓
	LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCK10L52	9°	19.7	↓
	LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCK15L52	15°	6.2	↓
	LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCK20L52	23°	2.6	↓
	LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCK30L52	31°	1.9	↓
	LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCK40L52	39°	1.4	↓
	LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCK60L52	60°	0.7	↓
	LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCK80L52	79°	0.4	↓
	LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCK1560L52	14°x56°	2.2	↓
	LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCK3060L52	31°x63°	1.0	↓

LED	Part No	FWHM	cd/lm	IES
	LL01ZZ-AHA05L06-M2-T	4°	73.9	
	LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCK10L52	9°	22.0	
	LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCK15L52	18°	4.0	
	LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCK20L52	26°	2.1	
	LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCK30L52	31°	1.9	
	LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCK40L52	36°	1.5	
	LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCK60L52	60°	0.7	
	LL01ZZ-AHA05L06-M2-T	5°	70.5	
	LL01ZZ-AHA10L06-M2-T	7°	32.6	
	LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCK10L52	9°	21.7	
	LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCK15L52	18°	4.2	
	LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCK20L52	26°	2.2	
	LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCK30L52	30°	2.0	
	LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCK40L52	36°	1.5	
	LL01ZZ-AHA05L06-M2-T + LL01ZZ-DCK60L52	61°	0.6	

Product Nomenclature

Ledlink Led Type Lens Angle Holder Diffusion Sheet Angle

LL 01 ZZ -AHA 05 L06 -M2 -T + LL01ZZ-DCK10L52

Lens Dot Number Serial Number Type of Material Tape

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