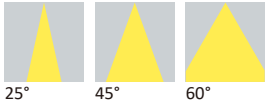


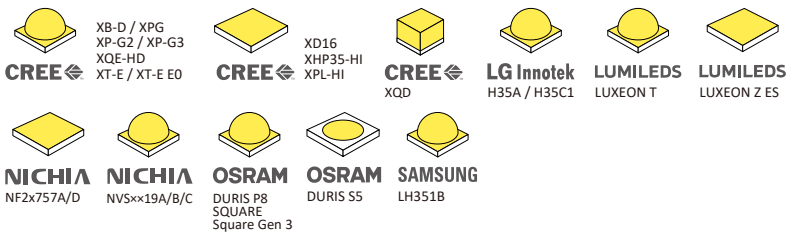
Datasheet

AAF Series

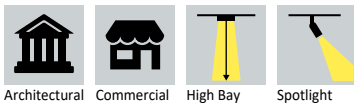
Available Distribution



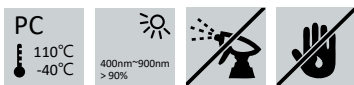
LED



Recommend Applications



General Information



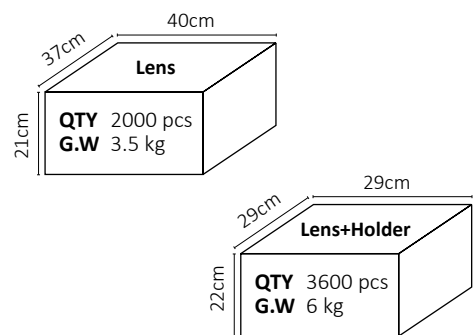
- Lens Material: PC
- Lens Color: Transparent
- Operating Temperature: -40°C~+110°C
- Light Transmission Rate: 400nm~900nm > 90%
- ⚠ If necessary, Clean lenses with mild soap, water and soft cloth.
- ⚠ Never use any commercial cleaning solvents on lenses, like alcohol.
- ⚠ Please handle or install lenses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

Dimensions

Part Number	Diameter	Height
LL01CR-AAF25L02 / LL01NI-AAFxxL02	Ø11.8	6.65
LL01CR-AAFxxL02-Mx-T	Ø13.55	7.25
LL01HS-AAFxxL02-Mx-T		
LL01XB-AAFxxL02-Ux-T	Ø13.5	7.25
LL01NI-QKxxL02-Mx-T		
LL01OS-AAFxxL02-Ux-T		
LL01RP-AAFxxL02-Mx-T	Ø13.5	7.35

*All dimensions are in millimeters.

Packaging Details (SPQ)



Accessories



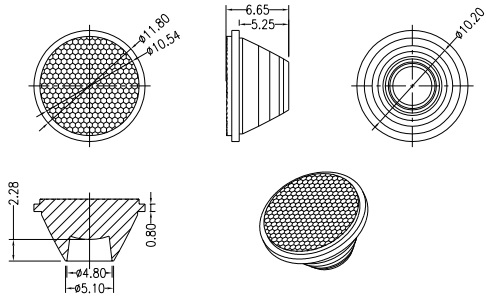
- 6 Different Types of Holder
LL01CRCR10Hx
LL01CRMD25Hx
LL01CRRP25Hx
LL01CROR25Hx
LL01CRQK25Hx
LL01OSRD40Hx
- 3 Different Types of Tape
LL01A00XHNX
LL01A00XHVV
LL01A00XSMX

Mechanical Specification

*All dimensions are in millimeters.

Lens Dimension

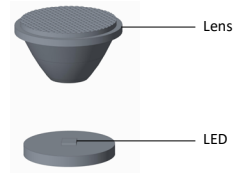
LL01CR-AAF25L02/ LL01NI-AAF45L02 / LL01NI-AAF60L02



Assembly Instruction

Part No LL01CR-AAF25L02/ LL01NI-AAF45L02 / LL01NI-AAF60L02

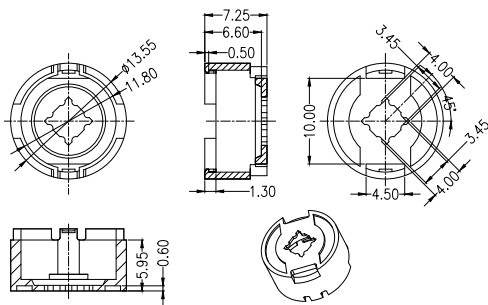
Fixing Method



Lift lens and have its bottom aligned with the top of LED's light emitting surface.

Holder Dimension

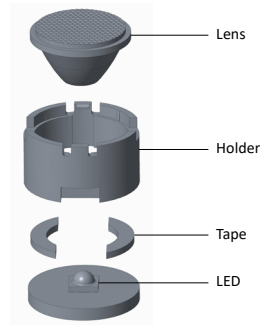
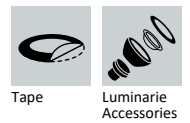
LL01CRCR10Hx



Assembly Instruction

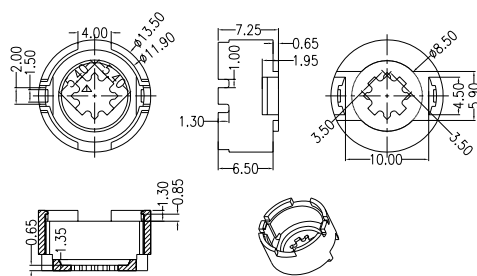
Part No LL01CR-AAFxxL02-Mx-T
Holder LL01CRCR10Hx
Tape LL01A00XHNX

Fixing Method



Holder Dimension

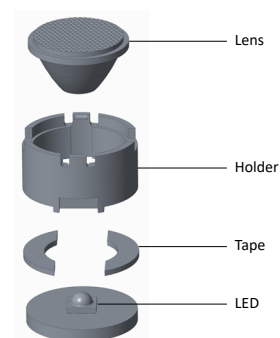
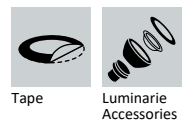
LL01CRMD25Hx



Assembly Instruction

Part No LL01HS-AAFxxL02-Mx-T
Holder LL01CRMD25Hx
Tape LL01A00XHVX

Fixing Method



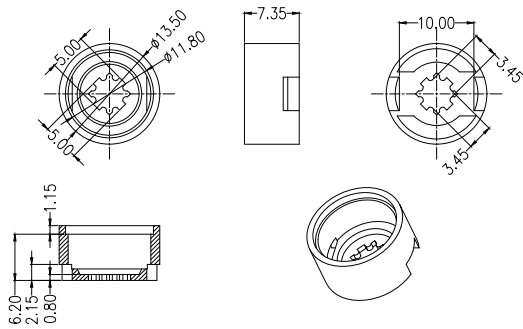
Mechanical Specification

*All dimensions are in millimeters.

Holder Dimension



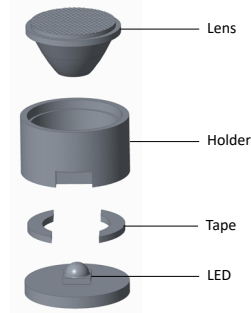
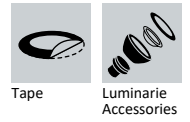
LL01CRRP25Hx



Assembly Instruction

Fixing Method

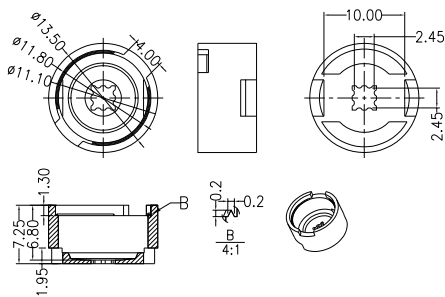
Part No LL01RP-AAFxxL02-Mx-T
Holder LL01CRRP25Hx
Tape LL01A00XHNX



Holder Dimension



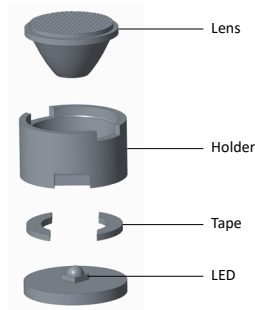
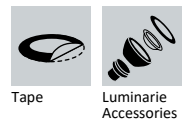
LL01CROR25Hx



Assembly Instruction

Fixing Method

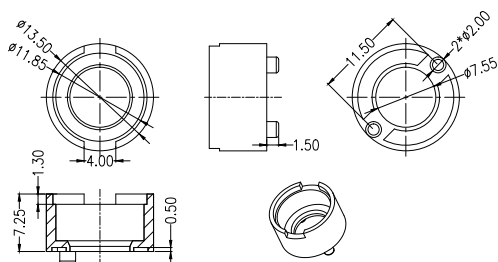
Part No LL01XB-AAFxxL02-Ux-T
Holder LL01CROR25Hx
Tape LL01A00XHNX



Holder Dimension



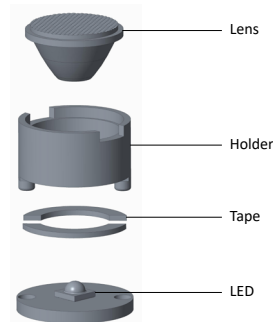
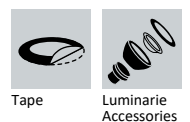
LL01CRQK25Hx



Assembly Instruction

Fixing Method

Part No LL01NI-QKxxL02-Mx-T
Holder LL01CRQK25Hx
Tape LL01A00XSMX



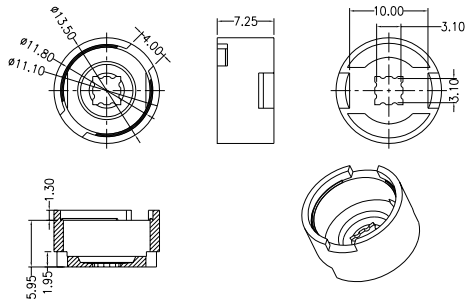
Mechanical Specification

*All dimensions are in millimeters.

Holder Dimension



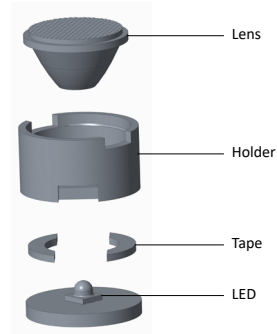
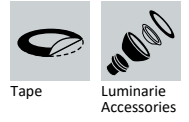
LL01OSRD40Hx



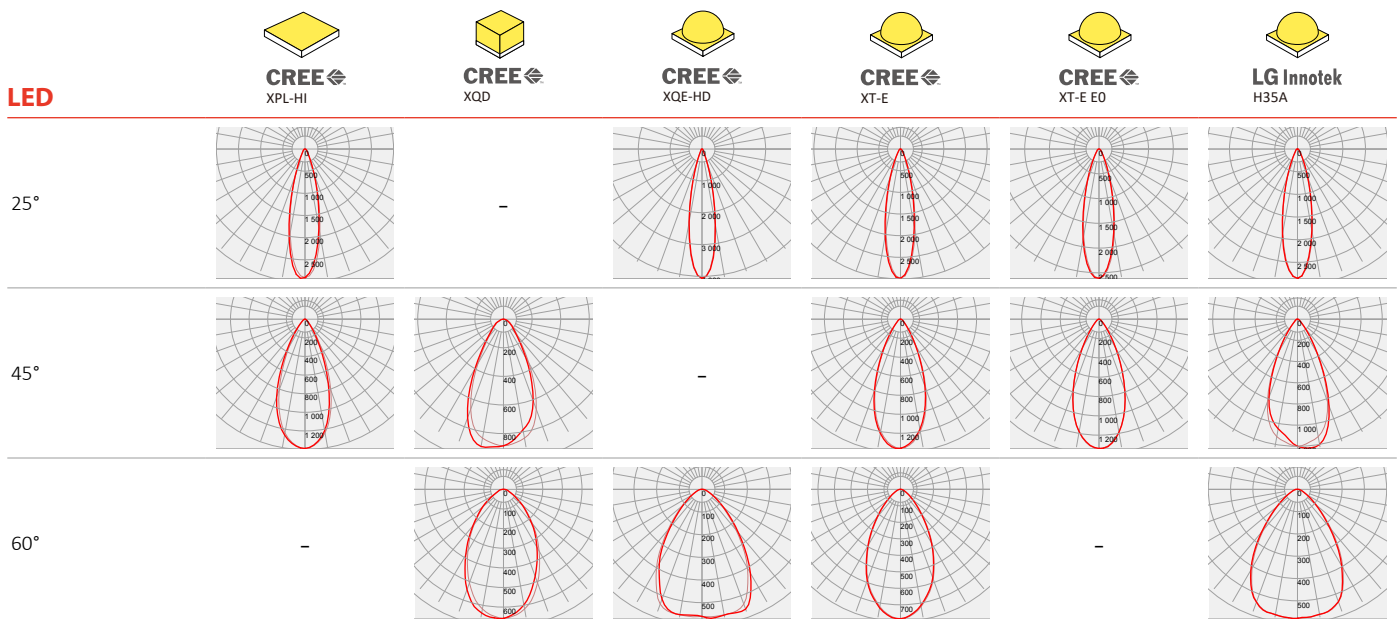
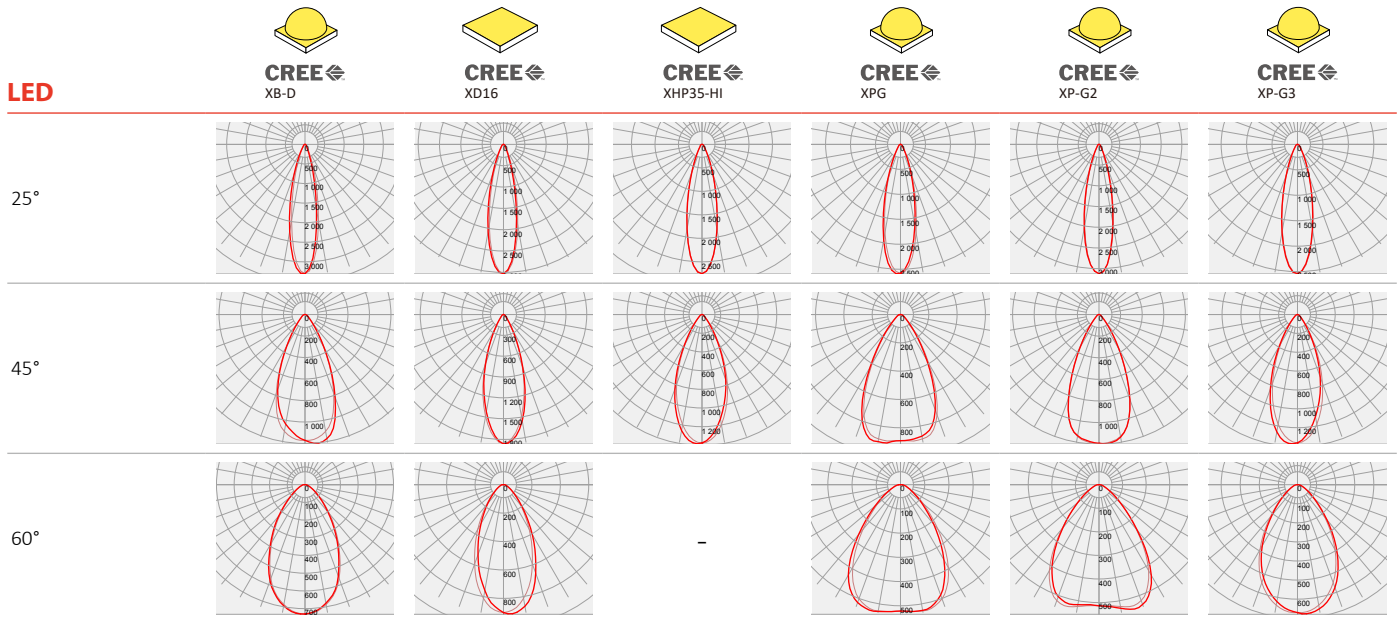
Assembly Instruction

Part No LL01OS-AAFxxL02-Ux-T
Holder LL01OSRD40Hx
Tape LL01A00XHNX

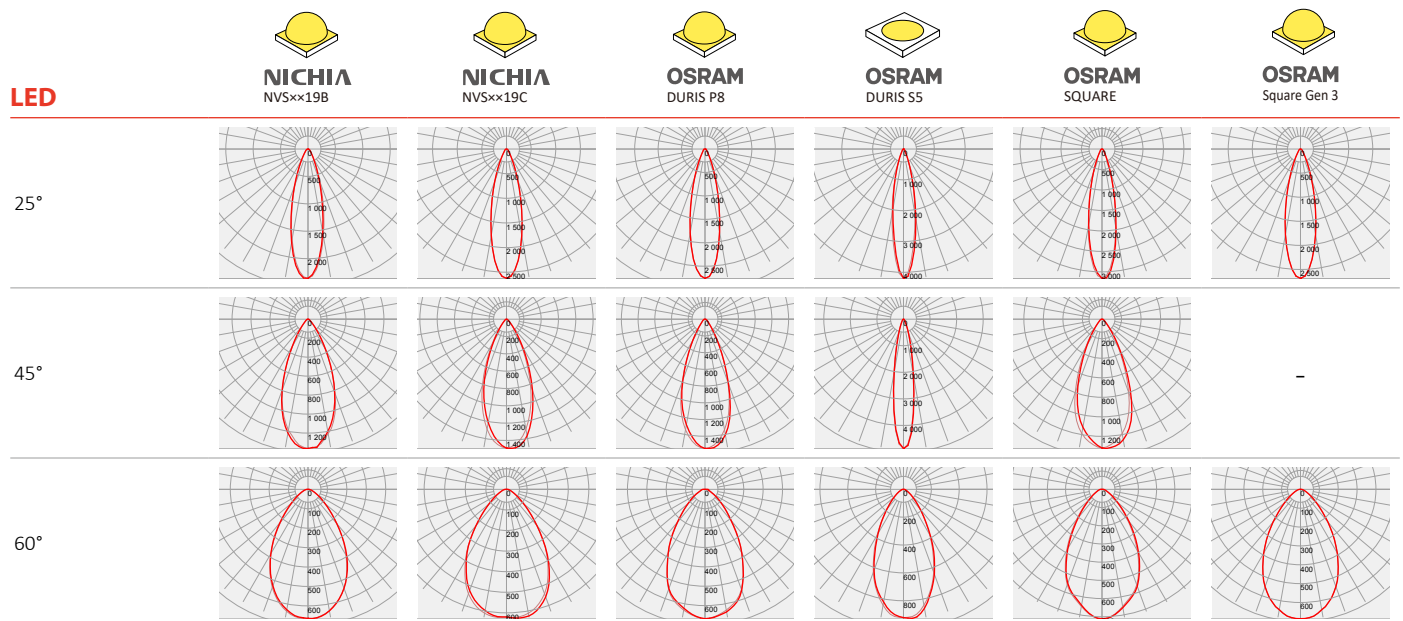
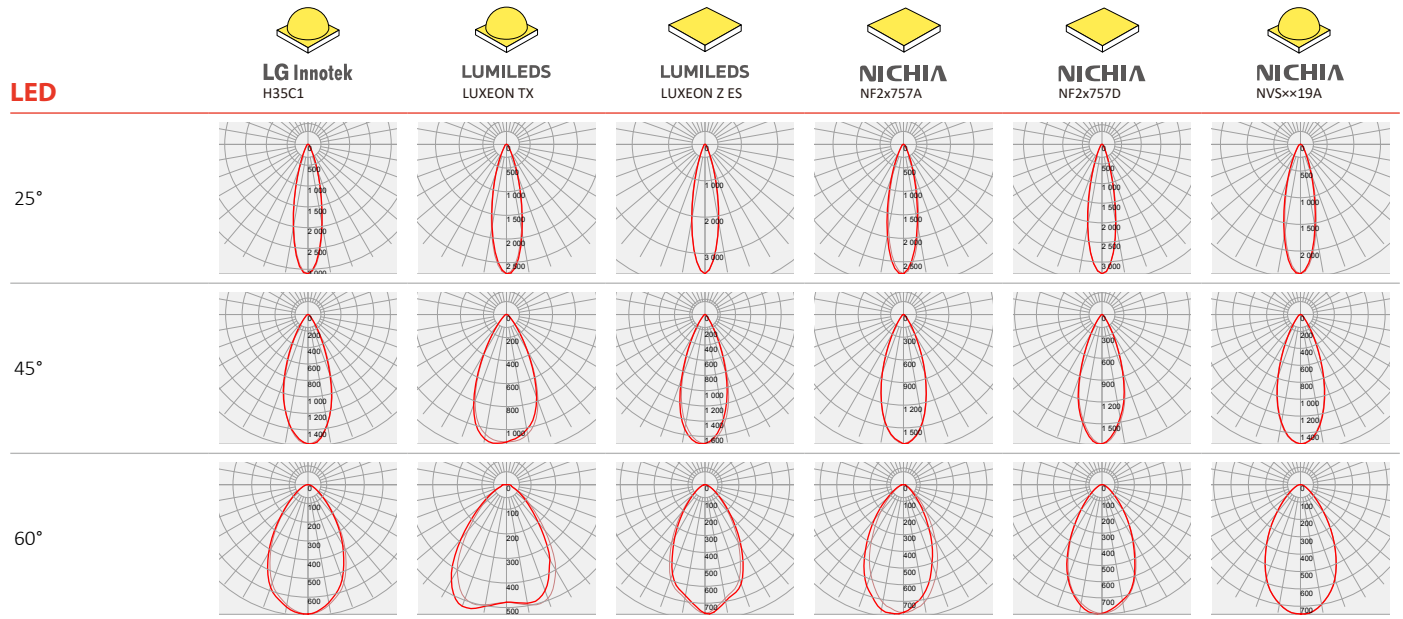
Fixing Method



Photometric Distribution



Photometric Distribution



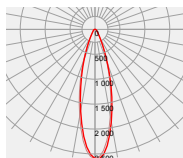
Photometric Distribution



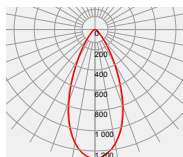
SAMSUNG
LH351B

LED

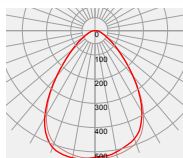
25°








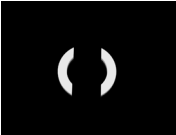



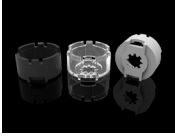
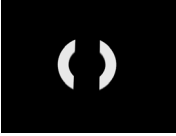








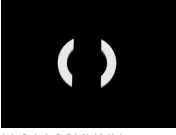








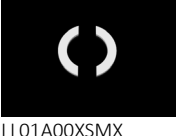








45°




























60°



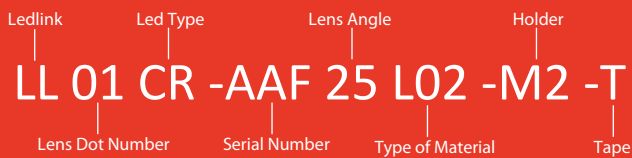
Details by LED

Part No	Holder	Tape	LED Package Size	LED
LL01CR-AAF25L02 LL01NI-AAFxxL02 (45°/60°)	-	-	1317 / 1616 1620 / 3737	 CREE XD16  CREE XQD  LUMILEDS LUXEON TX  LUMILEDS LUXEON Z ES
LL01CR-AAFxxL02-Mx-T	 LL01CRCR10Hx	 LL01A00XHNX	3535	 CREE XHP35-HI  CREE XP-G2  CREE XPL-HI
LL01HS-AAFxxL02-Mx-T	 LL01CRMD25Hx	 LL01A00XHVX	3535	 CREE XPG  CREE XP-G3  LG Innotek H35A  NICHIA NVSxx19A  NICHIA NVSxx19B  NICHIA NVSxx19C  SAMSUNG LH351B
LL01RP-AAFxxL02-Mx-T	 LL01CRRP25Hx	 LL01A00XHNX	3535	 CREE XT-E  CREE XT-E E0  LG Innotek H35C1
LL01XB-AAFxxL02-Ux-T	 LL01CROR25Hx	 LL01A00XHNX	1616 / 2525	 CREE XB-D  CREE XQE-HD
LL01NI-QKxxL02-Mx-T	 LL01CRQK25Hx	 LL01A00XSMX	3737	 OSRAM DURIS P8
LL01OS-AAFxxL02-Ux-T	 LL01OSRD40Hx	 LL01A00XHNX	3030	 NICHIA NF2x757A  NICHIA NF2x757D  OSRAM DURIS S5  OSRAM SQUARE  OSRAM Square Gen 3

LED	Part No	FWHM	cd / lm	IES
 CREE XB-D	LL01XB-AAF25L02-U2-T	23°	3.3	↓
	LL01XB-AAF45L02-U2-T	47°	1.2	↓
	LL01XB-AAF60L02-U2-T	61°	0.7	↓
 CREE XD16	LL01CR-AAF25L02	25°	3.0	↓
	LL01NI-AAF45L02	35°	1.8	↓
	LL01NI-AAF60L02	51°	0.9	↓
 CREE XHP35-HI	LL01CR-AAF25L02-M2-T	26°	2.7	↓
	LL01CR-AAF45L02-M2-T	44°	1.3	↓
	LL01CR-AAF60L02-M2-T	-	-	-
 CREE XPG	LL01HS-AAF25L02-M2-T	27°	2.5	↓
	LL01HS-AAF45L02-M2-T	56°	0.9	↓
	LL01HS-AAF60L02-M2-T	76°	0.5	↓
 CREE XP-G2	LL01CR-AAF25L02-M2-T	25°	3.1	↓
	LL01CR-AAF45L02-M2-T	49°	1.1	↓
	LL01CR-AAF60L02-M2-T	76°	0.5	↓
 CREE XP-G3	LL01HS-AAF25L02-M2-T	27°	2.5	↓
	LL01HS-AAF45L02-M2-T	43°	1.3	↓
	LL01HS-AAF60L02-M2-T	66°	0.6	↓
 CREE XPL-HI	LL01CR-AAF25L02-M2-T	26°	2.9	↓
	LL01CR-AAF45L02-M2-T	44°	1.3	↓
	LL01CR-AAF60L02-M2-T	-	-	-
 CREE XQD	LL01CR-AAF25L02	-	-	-
	LL01NI-AAF45L02	53°	0.9	↓
	LL01NI-AAF60L02	64°	0.6	↓
 CREE XQE-HD	LL01XB-AAF25L02-U2-T	22°	4.0	↓
	LL01XB-AAF45L02-U2-T	-	-	-
	LL01XB-AAF60L02-U2-T	73°	0.5	↓
 CREE XT-E	LL01RP-AAF25L02-M2-T	25°	2.9	↓
	LL01RP-AAF45L02-M2-T	43°	1.3	↓
	LL01RP-AAF60L02-M2-T	59°	0.7	↓
 CREE XT-E E0	LL01RP-AAF25L02-M2-T	27°	2.6	↓
	LL01RP-AAF45L02-M2-T	44°	1.3	↓
	LL01RP-AAF60L02-M2-T	-	-	-
 LG Innotek H35A	LL01HS-AAF25L02-M2-T	26°	2.8	↓
	LL01HS-AAF45L02-M2-T	48°	1.2	↓
	LL01HS-AAF60L02-M2-T	73°	0.5	↓
 LG Innotek H35C1	LL01RP-AAF25L02-M2-T	25°	3.1	↓
	LL01RP-AAF45L02-M2-T	41°	1.5	↓
	LL01RP-AAF60L02-M2-T	65°	0.6	↓
 LUMILEDS LUXEON TX	LL01CR-AAF25L02	26°	2.7	↓
	LL01NI-AAF45L02	50°	1.1	↓
	LL01NI-AAF60L02	77°	0.5	↓

LED	Part No	FWHM	cd / lm	IES
 LUMILEDS LUXEON Z ES	LL01CR-AAF25L02	23°	3.5	↓
	LL01NI-AAF45L02	39°	1.6	↓
	LL01NI-AAF60L02	61°	0.7	↓
 NICHIA NF2x757A	LL01OS-AAF25L06-U2-T	26°	2.7	↓
	LL01OS-AAF45L06-U2-T	39°	1.7	↓
	LL01OS-AAF60L06-U2-T	59°	0.7	↓
 NICHIA NF2x757D	LL01OS-AAF25L06-U2-T	24°	3.2	↓
	LL01OS-AAF45L06-U2-T	39°	1.7	↓
	LL01OS-AAF60L06-U2-T	58°	0.8	↓
 NICHIA NVSx19A	LL01HS-AAF25L02-M2-T	27°	2.4	↓
	LL01HS-AAF45L02-M2-T	40°	1.5	↓
	LL01HS-AAF60L02-M2-T	61°	0.7	↓
 NICHIA NVSx19B	LL01HS-AAF25L02-M2-T	28°	2.3	↓
	LL01HS-AAF45L02-M2-T	45°	1.3	↓
	LL01HS-AAF60L02-M2-T	67°	0.6	↓
 NICHIA NVSx19C	LL01HS-AAF25L02-M2-T	27°	2.6	↓
	LL01HS-AAF45L02-M2-T	42°	1.4	↓
	LL01HS-AAF60L02-M2-T	70°	0.6	↓
 OSRAM DURIS P8	LL01NI-QK25L02-M2-T	26°	2.7	↓
	LL01NI-QK45L02-M2-T	40°	1.5	↓
	LL01NI-QK60L02-M2-T	65°	0.6	↓
 OSRAM DURIS S5	LL01OS-AAF25L06-U2-T	20°	4.1	↓
	LL01OS-AAF45L06-U2-T	17°	4.8	↓
	LL01OS-AAF60L06-U2-T	52°	0.9	↓
 OSRAM SQUARE	LL01OS-AAF25L06-U2-T	24°	3.1	↓
	LL01OS-AAF45L06-U2-T	45°	1.3	↓
	LL01OS-AAF60L06-U2-T	63°	0.7	↓
 OSRAM Square Gen 3	LL01OS-AAF25L06-U2-T	27°	2.6	↓
	LL01OS-AAF45L06-U2-T	-	-	-
	LL01OS-AAF60L06-U2-T	65°	0.6	↓
 SAMSUNG LH351B	LL01HS-AAF25L02-M2-T	27°	2.5	↓
	LL01HS-AAF45L02-M2-T	46°	1.2	↓
	LL01HS-AAF60L02-M2-T	77°	0.5	↓

Product Nomenclature



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