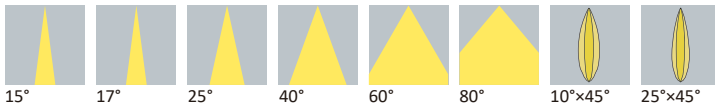


Datasheet

# NE Series

## Available Distribution

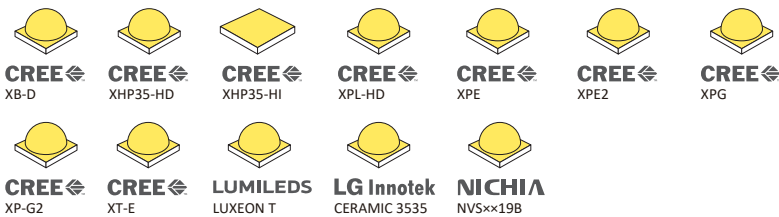


## Dimensions

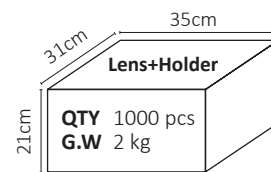
Part Number	Diameter	Height
LL01CR-NExxL06	Ø19.4	14.7
LL01CR-NExxL06-M2	Ø23.5	15.8
LL01CR-CNExxL06-M2-T	Ø23.5	15.8
LL01CR-KDxxL06-M2	Ø19.5	17.1
LL01NI-NExxL06-M2-T	Ø21.4	15.8

\*All dimensions are in millimeters.

## LED



## Packaging Details (SPQ)



## Recommand Applications



Architectural Commercial

## General Information



- Lens Material PMMA 8N
- Operating Temperature -40°C~+70°C
- UL Flammability HB @1.5mm
- UL RTI Elec 90°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.

## Accessories

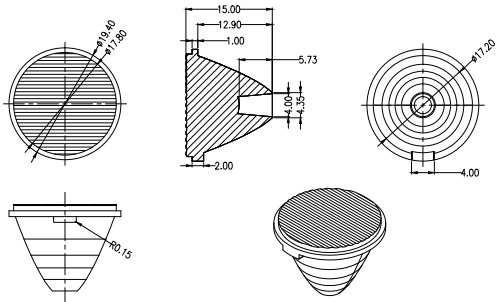


- 4 Different Types of Holder  
LL01CRKI25Hx  
LL01CRPP15Hx  
LL01CRKD30Hx  
LL01NIUD10Hx
- 2 Different Types of Tape  
LL01A00XUNX  
LL01A00AYDXX

# Mechanical Specification

\*All dimensions are in millimeters.

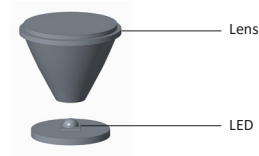
## Lens Dimension



## Assembly Instruction

### Fixing Method

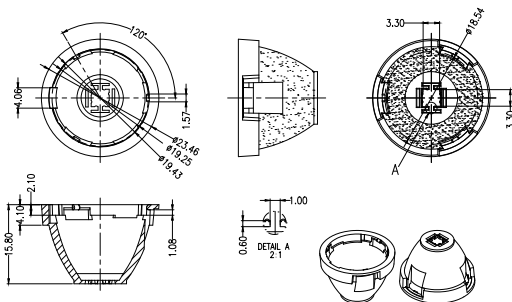
Part No LL01CR-NExxL06



## Holder Dimension



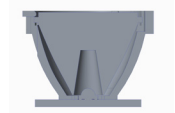
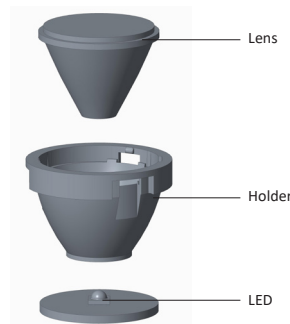
LL01CRKI25Hx



## Assembly Instruction

### Fixing Method

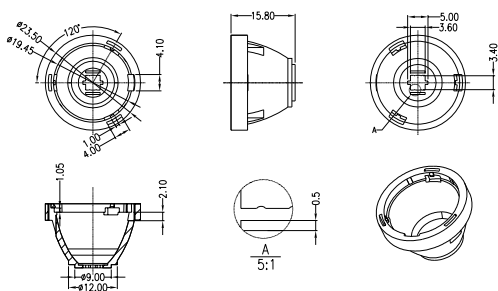
Part No LL01CR-NExxL06-M2  
Holder LL01CRKI25Hx



## Holder Dimension



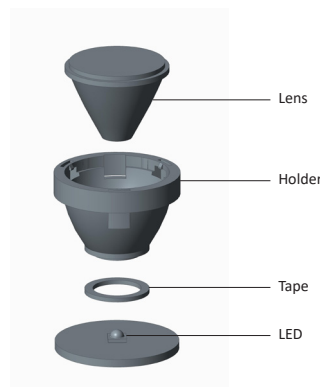
LL01CRPP15Hx



## Assembly Instruction

### Fixing Method

Part No LL01CR-CNExxL06-M2-T  
Holder LL01CRPP15Hx  
Tape LL01A00XUNX

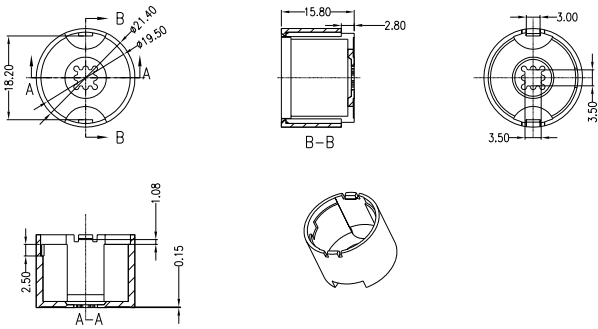




## Holder Dimension



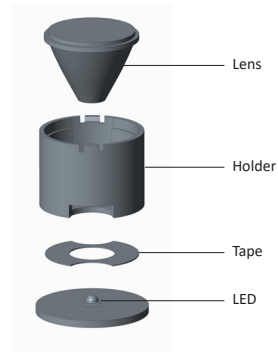
LL01NIUD10Hx



## Assembly Instruction

Fixing Method

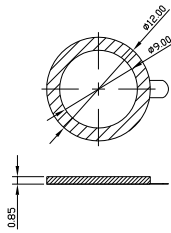
Part No LL01NI-NE××L06-M2-T  
 Holder LL01NIUD10Hx  
 Tape LL01A00AYDXX



## Tape Dimension



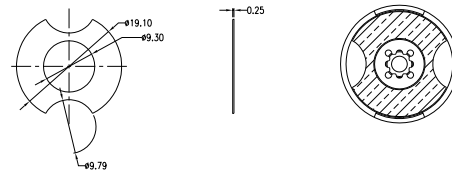
LL01A00XUNX



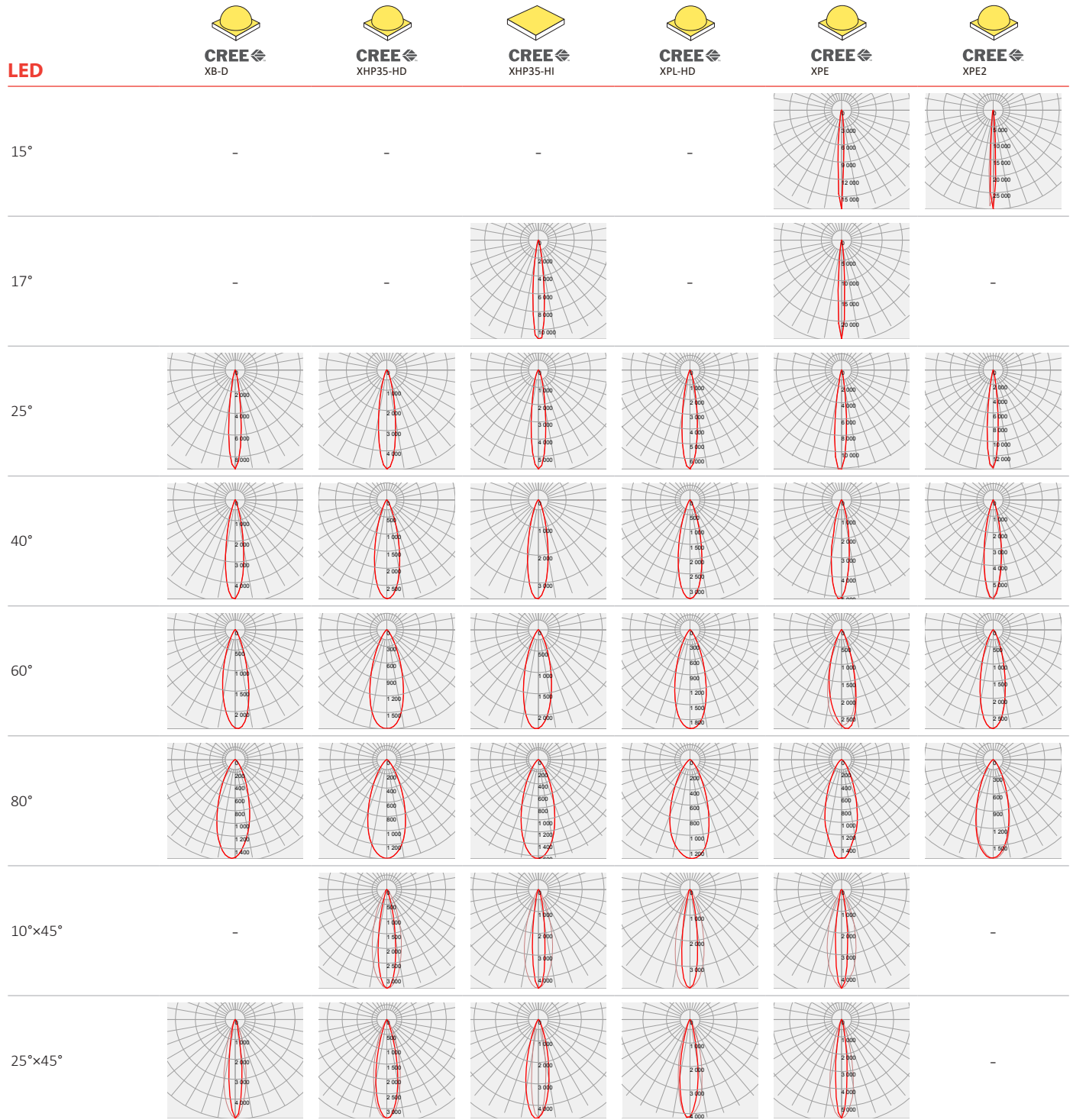
## Tape Dimension



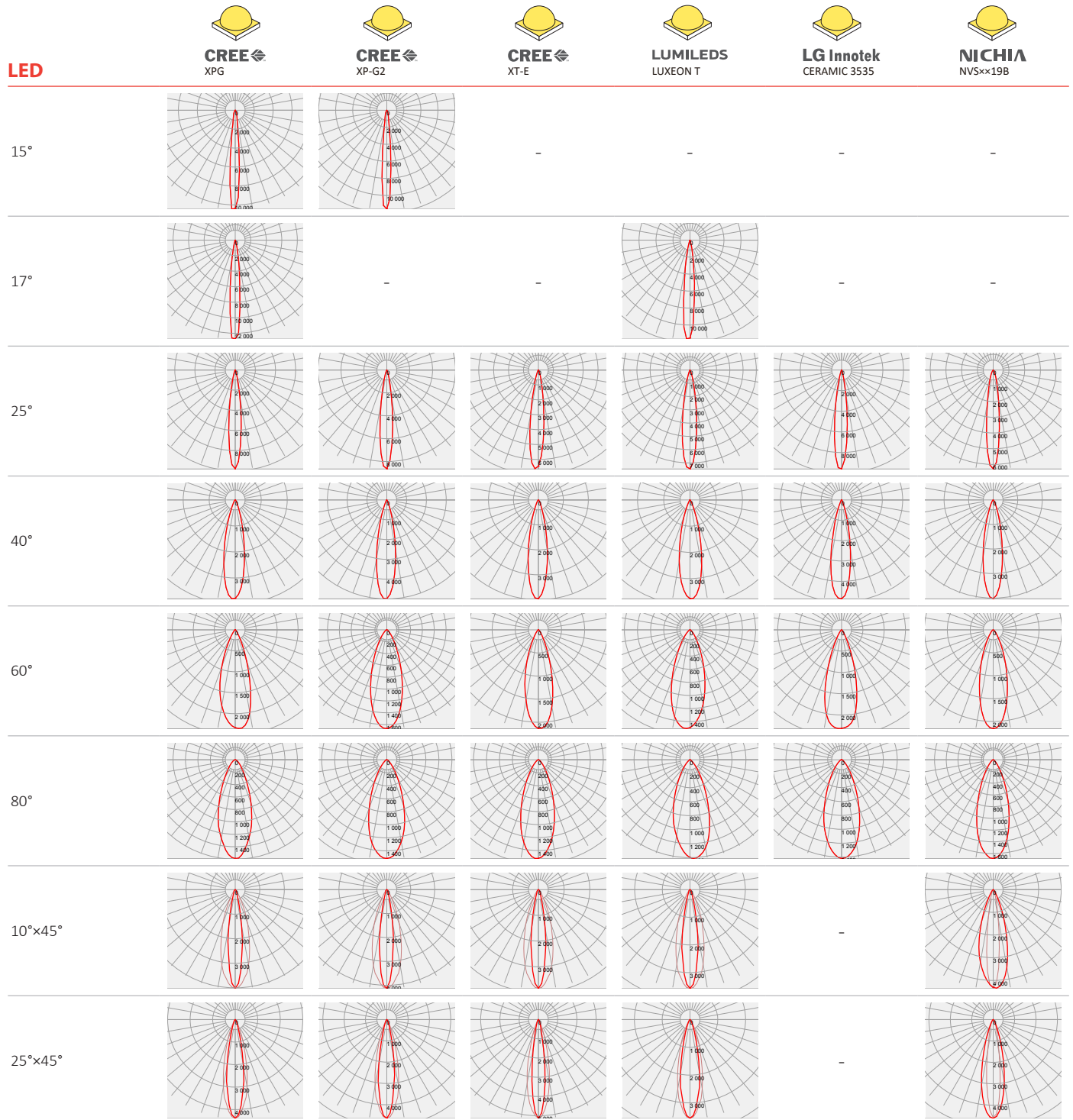
LL01A00AYDXX





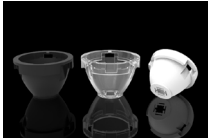







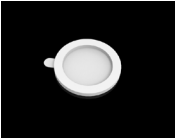


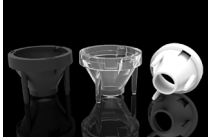


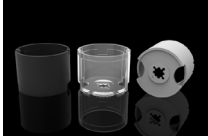





# Photometric Distribution









# Photometric Distribution
















































# Details by LED








Part No	Holder	Tape	LED Package Size	LED
LL01CR-NE××L06	-	-	2525 / 3737	 CREE XB-D  LUMILEDS LUXEON T
LL01CR-NE××L06-M2	 LL01CRKI25H×	-	3535	 CREE XHP35-HI  CREE XPE  CREE XPE2  CREE XPG  CREE XT-E  LG Innotek CERAMIC 3535
LL01CR-CNE××L06-M2-T	 LL01CRPP15H×  LL01A00XUNX	-	3535	 CREE XPE  CREE XP-G2
LL01CR-KD××L06-M2	 LL01CRKD30H×	-	3535	 CREE XPE  CREE XPG
LL01NI-NE××L06-M2-T	 LL01NIUD10H×  LL01A00AYDXX	-	3535	 CREE XPE  CREE XHP35-HD  CREE XPL-HD  NICHIA NVS××19B

LED	Part No	FWHM	cd / lm	IES
 <b>CREE</b> XB-D	LL01CR-NE15L06	-	-	-
	LL01CR-NE17L06	-	-	-
	LL01CR-NE25L06	14°	9.1	↓
	LL01CR-NE40L06	20°	4.7	↓
	LL01CR-NE60L06	29°	2.4	↓
	LL01CR-NE80L06	37°	1.5	↓
	LL01CR-NE1045L06	-	-	-
	LL01CR-NE2545L06	15°×25°	4.9	↓
 <b>CREE</b> XHP35-HD	LL01NI-NE15L06-M2-T	-	-	-
	LL01NI-NE17L06-M2-T	-	-	-
	LL01NI-NE25L06-M2-T	19°	4.8	↓
	LL01NI-NE40L06-M2-T	28°	2.8	↓
	LL01NI-NE60L06-M2-T	37°	1.7	↓
	LL01NI-NE80L06-M2-T	42°	1.3	↓
	LL01NI-NE1045L06-M2-T	19°×33°	3.3	↓
	LL01NI-NE2545L06-M2-T	24°×30°	3.3	↓
 <b>CREE</b> XHP35-HI	LL01CR-NE15L06-M2	-	-	-
	LL01CR-NE17L06-M2	13°	11.0	↓
	LL01CR-NE25L06-M2	16°	5.7	↓
	LL01CR-NE40L06-M2	23°	3.5	↓
	LL01CR-NE60L06-M2	32°	2.3	↓
	LL01CR-NE80L06-M2	38°	1.6	↓
	LL01CR-NE1045L06-M2	14°×32°	4.5	↓
	LL01CR-NE2545L06-M2	26°×16°	4.6	↓
 <b>CREE</b> XPL-HD	LL01NI-NE15L06-M2-T	-	-	-
	LL01NI-NE17L06-M2-T	-	-	-
	LL01NI-NE25L06-M2-T	17°	6.6	↓
	LL01NI-NE40L06-M2-T	26°	3.3	↓
	LL01NI-NE60L06-M2-T	35°	1.9	↓
	LL01NI-NE80L06-M2-T	44°	1.3	↓
	LL01NI-NE1045L06-M2-T	17°×32°	3.8	↓
	LL01NI-NE2545L06-M2-T	20°×27°	4.1	↓

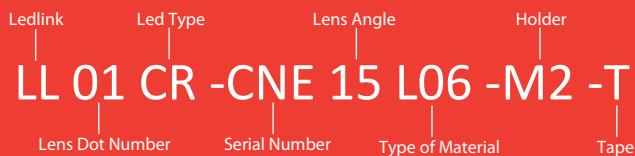
LED	Part No	FWHM	cd / lm	IES
 <b>CREE</b> XPE	LL01CR-NE15L06-M2	6°	17.1	↓
	LL01CR-NE17L06-M2	7°	24.3	↓
	LL01CR-NE25L06-M2	13°	12.0	↓
	LL01CR-NE40L06-M2	20°	5.1	↓
	LL01CR-NE60L06-M2	30°	2.8	↓
	LL01CR-NE80L06-M2	37°	1.5	↓
	LL01CR-NE1045L06-M2	14°×32°	4.5	↓
	LL01CR-NE2545L06-M2	13°×25°	5.7	↓
	LL01NI-NE15L06-M2-T	6°	24.8	↓
	LL01NI-NE17L06-M2-T	7°	31.1	↓
	LL01NI-NE25L06-M2-T	10°	17.0	↓
	LL01NI-NE40L06-M2-T	19°	6.6	↓
	LL01NI-NE60L06-M2-T	28°	2.8	↓
	LL01NI-NE80L06-M2-T	37°	1.6	↓
	LL01NI-NE1045L06-M2-T	14°×32°	4.4	↓
	LL01NI-NE2545L06-M2-T	13°×25°	6.1	↓
	LL01CR-CNE15L06-M2-T	6°	18.6	↓
	LL01CR-CNE17L06-M2-T	7°	24.3	↓
	LL01CR-CNE25L06-M2-T	13°	12.0	↓
	LL01CR-CNE40L06-M2-T	20°	5.1	↓
	LL01CR-CNE60L06-M2-T	30°	2.8	↓
	LL01CR-CNE80L06-M2-T	37°	1.5	↓
	LL01CR-CNE1045L06-M2-T	14°×32°	4.5	↓
	LL01CR-CNE2545L06-M2-T	13°×25°	5.7	↓
	LL01CR-KD15L06-M2	-	-	-
	LL01CR-KD17L06-M2	7°	24.3	↓
	LL01CR-KD25L06-M2	13°	12.0	↓
	LL01CR-KD40L06-M2	20°	5.1	↓
LL01CR-KD60L06-M2	30°	2.8	↓	
LL01CR-KD80L06-M2	37°	1.5	↓	
LL01CR-KD1045L06-M2	14°×32°	4.5	↓	
LL01CR-KD2545L06-M2	13°×25°	5.7	↓	
 <b>CREE</b> XPE2	LL01CR-NE15L06-M2	6°	29.9	↓
	LL01CR-NE17L06-M2	-	-	-
	LL01CR-NE25L06-M2	12°	13.8	↓
	LL01CR-NE40L06-M2	20°	6.0	↓
	LL01CR-NE60L06-M2	28°	2.8	↓
	LL01CR-NE80L06-M2	37°	1.7	↓
	LL01CR-NE1045L06-M2	-	-	-
	LL01CR-NE2545L06-M2	-	-	-



LED	Part No	FWHM	cd / lm	IES
	LL01CR-NE15L06-M2	10°	10.1	
	LL01CR-NE17L06-M2	11°	12.7	
	LL01CR-NE25L06-M2	14°	9.8	
	LL01CR-NE40L06-M2	23°	3.7	
	LL01CR-NE60L06-M2	34°	2.3	
	LL01CR-NE80L06-M2	38°	1.5	
	LL01CR-NE1045L06-M2	16°×32°	4.0	
	LL01CR-NE2545L06-M2	19°×26°	4.3	
	LL01CR-KD15L06-M2	10°	10.4	
	LL01CR-KD17L06-M2	11°	12.7	
	LL01CR-KD25L06-M2	14°	9.8	
	LL01CR-KD40L06-M2	23°	3.7	
	LL01CR-KD60L06-M2	34°	2.3	
	LL01CR-KD80L06-M2	38°	1.5	
	LL01CR-KD1045L06-M2	16°×32°	4.0	
	LL01CR-KD2545L06-M2	19°×26°	4.3	
	LL01CR-CNE15L06-M2-T	10°	11.5	
	LL01CR-CNE17L06-M2-T	-	-	-
	LL01CR-CNE25L06-M2-T	14°	8.6	
	LL01CR-CNE40L06-M2-T	21°	4.9	
	LL01CR-CNE60L06-M2-T	36°	1.6	
	LL01CR-CNE80L06-M2-T	40°	1.5	
	LL01CR-CNE1045L06-M2-T	16°×33°	4.1	
LL01CR-CNE2545L06-M2-T	18°×26°	4.6		
	LL01CR-NE15L06-M2	-	-	-
	LL01CR-NE17L06-M2	-	-	-
	LL01CR-NE25L06-M2	15°	6.6	
	LL01CR-NE40L06-M2	22°	3.9	
	LL01CR-NE60L06-M2	31°	2.1	
	LL01CR-NE80L06-M2	38°	1.5	
	LL01CR-NE1045L06-M2	17°×33°	3.8	
	LL01CR-NE2545L06-M2	15°×25°	5.1	
	LL01CR-NE15L06	-	-	-
	LL01CR-NE17L06	12°	11.6	
	LL01CR-NE25L06	16°	7.4	
	LL01CR-NE40L06	25°	3.7	
	LL01CR-NE60L06	38°	1.5	
	LL01CR-NE80L06	41°	1.4	
	LL01CR-NE1045L06	18°×32°	3.5	
	LL01CR-NE2545L06	21°×28°	3.5	
	LL01CR-NE15L06-M2	-	-	-
	LL01CR-NE17L06-M2	-	-	-
	LL01CR-NE25L06-M2	14°	9.5	
	LL01CR-NE40L06-M2	22°	4.8	
	LL01CR-NE60L06-M2	34°	2.3	
	LL01CR-NE80L06-M2	40°	1.4	
	LL01CR-NE1045L06-M2	-	-	-
LL01CR-NE2545L06-M2	-	-	-	

LED	Part No	FWHM	cd / lm	IES
	LL01NI-NE15L06-M2-T	-	-	-
	LL01NI-NE17L06-M2-T	-	-	-
	LL01NI-NE25L06-M2-T	14°	6.2	
	LL01NI-NE40L06-M2-T	22°	4.0	
	LL01NI-NE60L06-M2-T	32°	2.1	
	LL01NI-NE80L06-M2-T	37°	1.6	
	LL01NI-NE1045L06-M2-T	32°×14°	4.3	
	LL01NI-NE2545L06-M2-T	25°×15°	4.6	

## Product Nomenclature



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