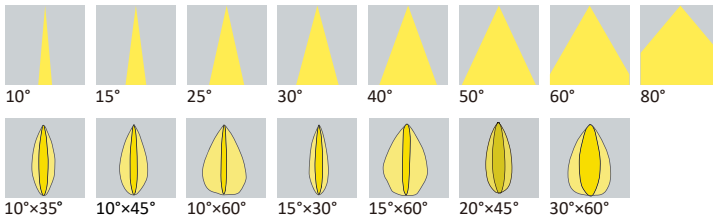


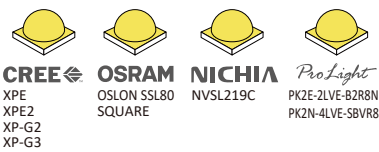
## Datasheet

# AFC Series

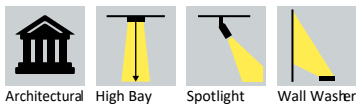
### Available Distribution






### LED



### Recommnd Applications



### General Information

<b>PMMA</b> 70°C -40°C	<b>PC</b> 110°C -40°C	<b>PMMA 8N</b> <b>HB</b> 1.5mm <b>RTI</b> 90°C	<b>PC 1225Z</b> <b>V-2</b> 1.5mm <b>RTI</b> 125°C	 400nm~900nm > 90%		
------------------------------	-----------------------------	--	---	---	---	---

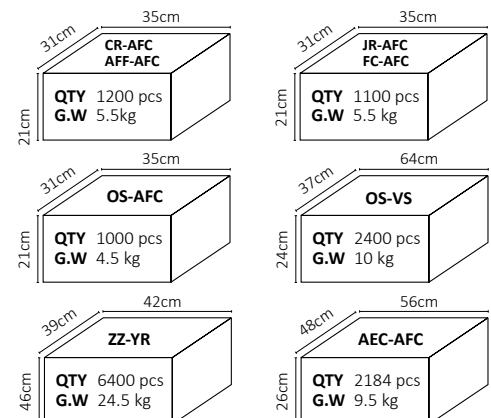
- Lens Material L06: PMMA 8N / L46: PC 1225Z
- Operating Temperature PMMA: -40°C~+70°C / PC: -40°C~+110°C
- UL Flammability PMMA: HB @1.5mm / PC 1225Z: V-2 @1.5mm
- UL RTI Elec PMMA: 90°C @1.5mm / PC 1225Z: 125°C @1.5mm
- Light Transmission Rate 400nm~900nm > 90%
- ☑ If necessary, Clean lenses with mild 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-AFCxL06-M2-T	Ø21.3	12.45
LL01OS-AFCxL06-M2-T	Ø21.3	12.35
LL01OS-VSxL06-M2	Ø21.3	12.35
LL01CR-WxL06-M2	Ø21.3	12.35
LL01ZZ-YRxL06-M2	Ø21.3	12.35
LL01JR-AFCxL06-U2	Ø21.9	12.35
LL01ZZ-AFCxL06-M2	Ø21.3	12.35
LL01AEC-AFCxL06-M2	Ø21.3	12.35
LL01AFF-AFCxLxx-M2	Ø21.3	12.35
LL01FC-AFCxL06-U2-T	Ø21.3	12.35

\*All dimensions are in millimeters.

### Packaging Details (SPQ)



### Accessories



- 11 Different Types of Holder  
LL01CRRR2050H2  
LL01OSPL2545H2  
LL01OSWA06H2  
LL01CRWX25H2  
LL01LUYR10H2  
LL01LUZD1560H2

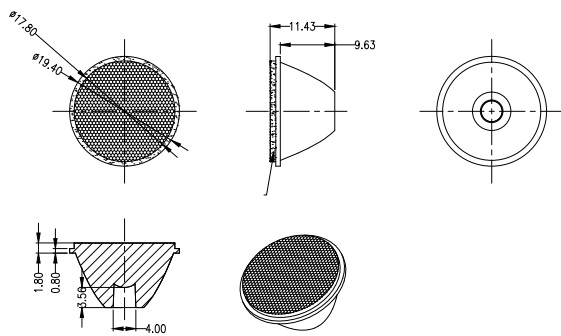
- Available with Tape  
LL01CRZU2050Hx  
LL01AEC-AEQ01Hx  
LL01CRAFF2050Hx  
LL01LUAEU1560H2

# Mechanical Specification

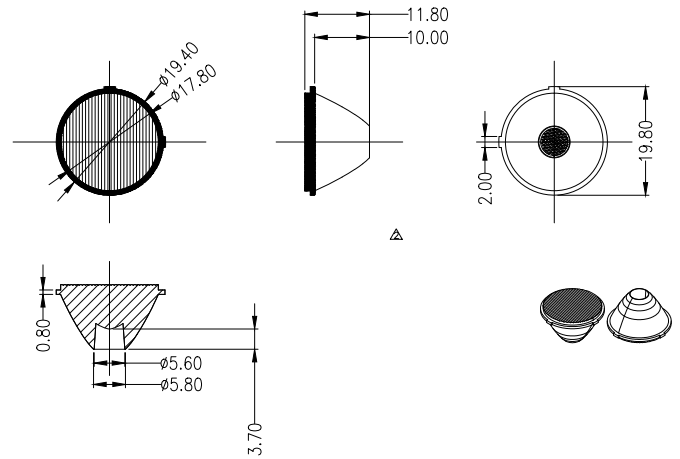
\*All dimensions are in millimeters.

## Lens Dimension

\*Circular Beam

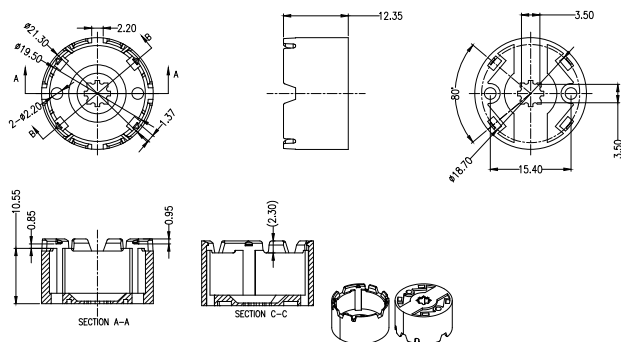


\*Elliptical Beam



## Holder Dimension

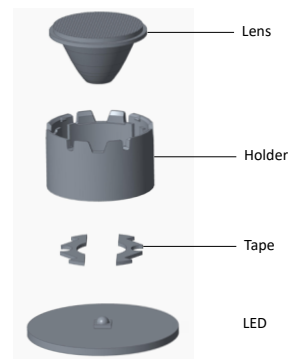
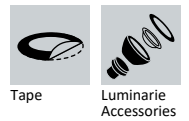
LL01CRRR2050Hx



## Assembly Instruction

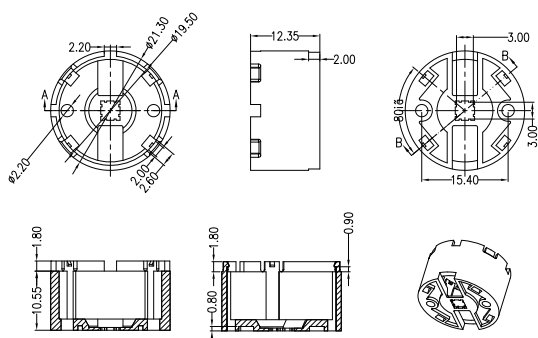
Part No LL01CR-AFCxL06-M2-T  
Holder LL01CRRR2050Hx  
Tape LL01A00XTRX

Fixing Method



## Holder Dimension

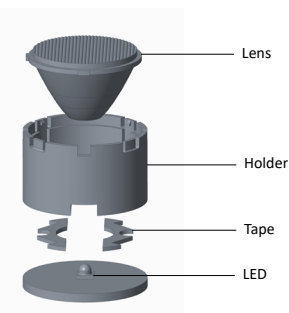
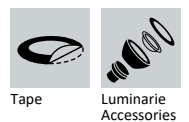
LL01OSPL2545H2



## Assembly Instruction

Part No LL01OS-AFCxL06-M2-T  
Holder LL01OSPL2545H2  
Tape LL01A00XTRX

Fixing Method

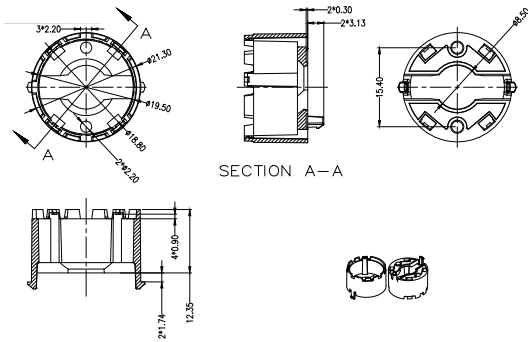


# Mechanical Specification

\*All dimensions are in millimeters.

## Holder Dimension

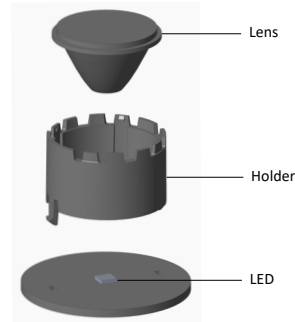
LL01AECAEQ01Hx



## Assembly Instruction

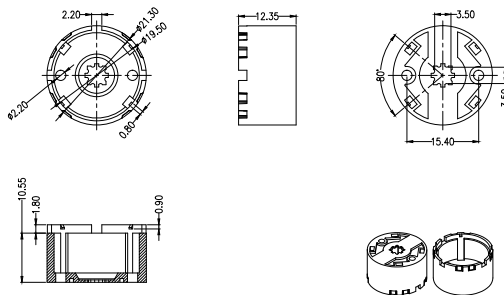
Part No LL01AEC-AFCxL06-M2  
Holder LL01AECAEQ01Hx

Fixing Method



## Holder Dimension

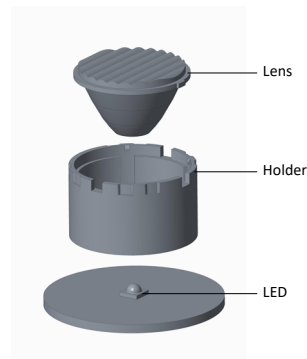
LL01CRAFF2050Hx



## Assembly Instruction

Part No LL01AFF-AFCxLxx-Mx  
Holder LL01CRAFF2050Hx

Fixing Method



# Mechanical Specification

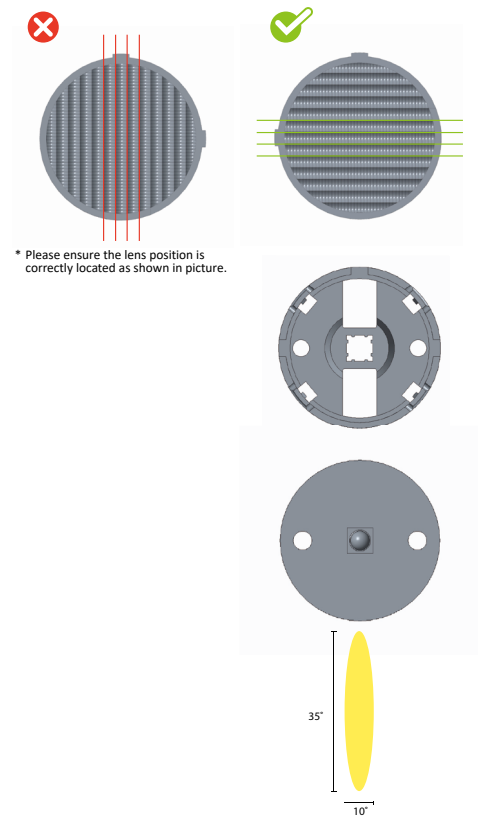
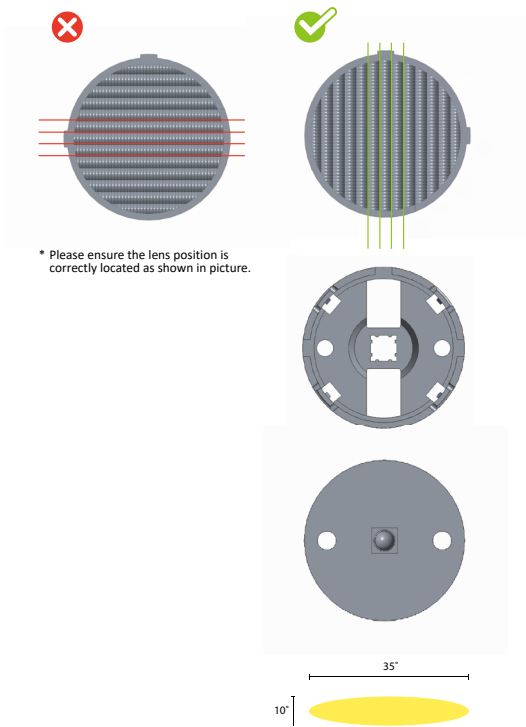
\*All dimensions are in millimeters.

## Assembly Instruction

Part No	LL01CR-AFCxxL06-M2-T LL01OS-AFCxxL06-M2-T LL01AEC-AFCxxL06-Mx LL01AFF-AFCxxLxx-Mx	Holder	LL01CRRR2050H2 LL01OSPL2545H2 LL01AECAEQ01Hx LL01CRAFF2050Hx
---------	--	--------	---

## Assembly Instruction

Part No	LL01AEC-AFCxxL06-Mx ( 3510/4510/6010 ) LL01AFF-AFCxxLxx-Mx ( 3510/4510/6010 )	Holder	LL01AECAEQ01Hx LL01CRAFF2050Hx
---------	--	--------	-----------------------------------

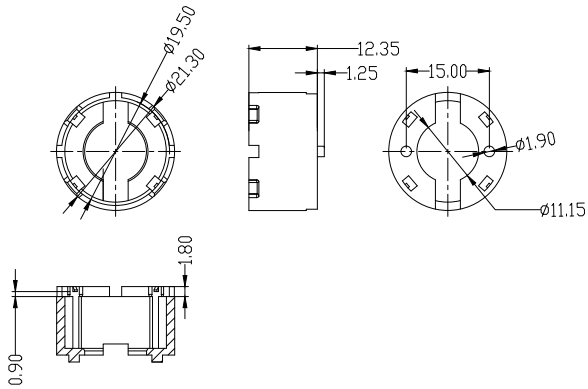


# Mechanical Specification

\*All dimensions are in millimeters.

## Holder Dimension

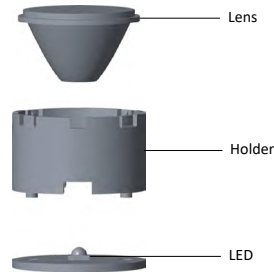
LL01OSWA06H2



## Assembly Instruction

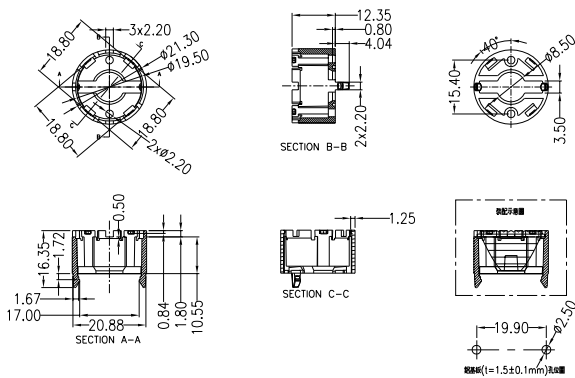
Part No LL01OS-VSxxL06-M2  
Holder LL01OSWA06H2

## Fixing Method



## Holder Dimension

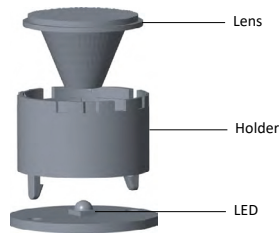
LL01LUYR10H2



## Assembly Instruction

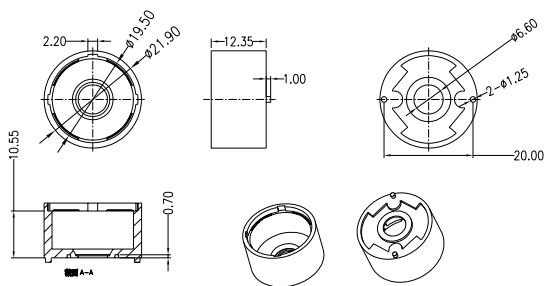
Part No LL01ZZ-YRxxL06-M2  
Holder LL01LUYR10H2

## Fixing Method



## Holder Dimension

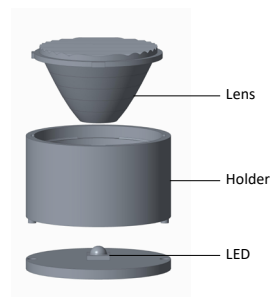
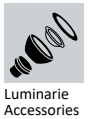
LL01LUZD1560H2



## Assembly Instruction

Part No LL01JR-AFCxxL06-U2  
Holder LL01LUZD1560H2

## Fixing Method

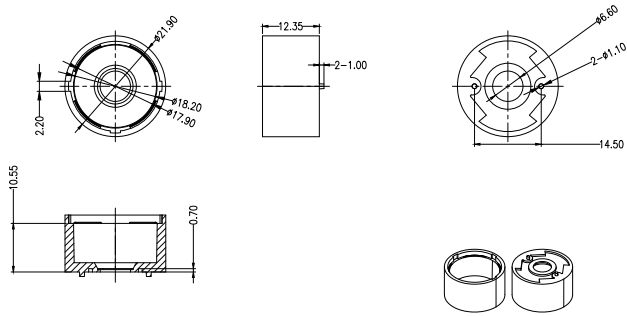


# Mechanical Specification

\*All dimensions are in millimeters.

## Holder Dimension

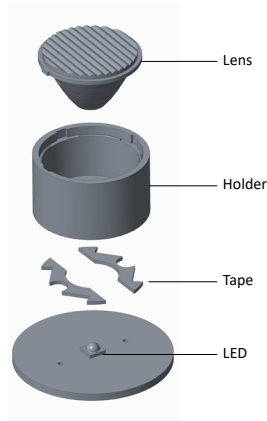
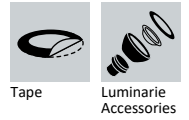
LL01LUAEU1560H2



## Assembly Instruction

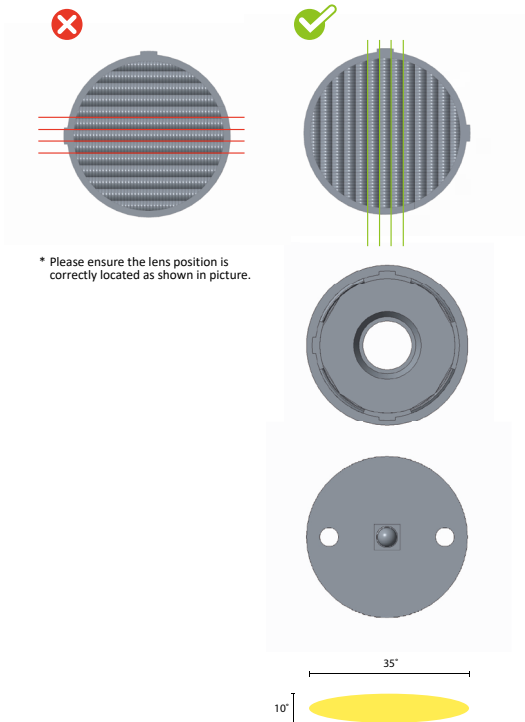
Part No LL01FC-AFCxxL06-U2-T  
 Holder LL01LUAEU1560H2  
 Tape LL01A00XTRX

### Fixing Method



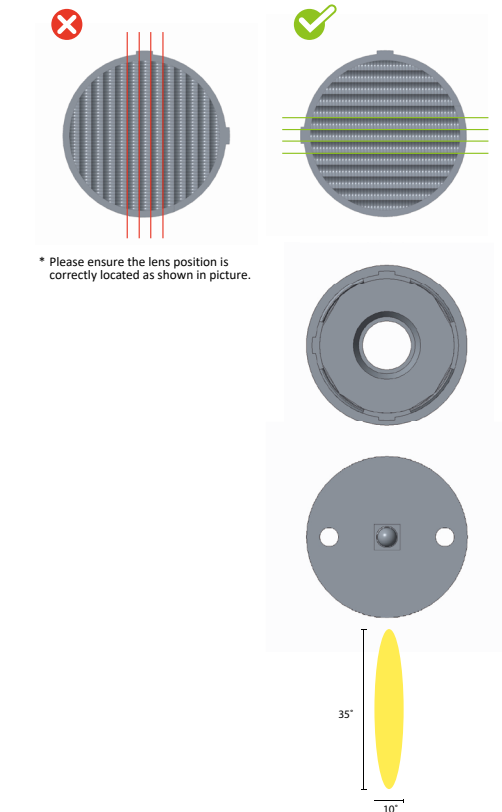
## Assembly Instruction

Part No	LL01OS-VSxxL06-M2 LL01ZZ-YRxxL06-M2 LL01JR-AFCxxL06-U2 LL01FC-AFCxx L06-U2-T	Holder	LL01OSWA06H2 LL01LUYR10H2 LL01LUZD1560H2 LL01LUAEU1560H2
---------	---	--------	---



## Assembly Instruction

Part No	LL01FC-AFCxxL06-U2-T ( 3510/4510/6010 )	Holder	LL01LUAEU1560H2
---------	--	--------	-----------------

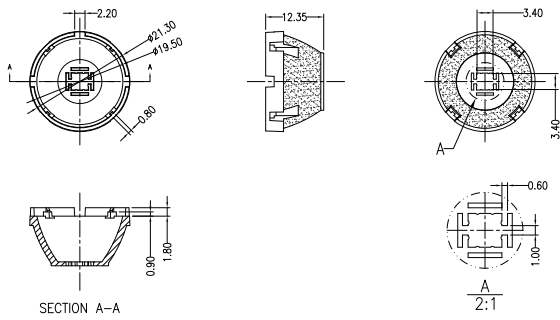


# Mechanical Specification

\*All dimensions are in millimeters.

## Holder Dimension

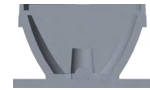
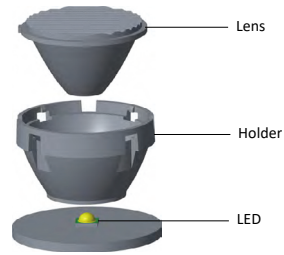
LL01CRWX25H2



## Assembly Instruction

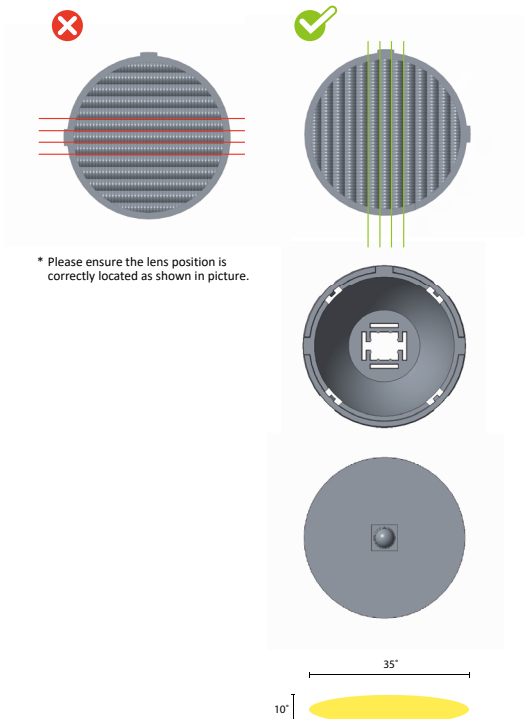
Part No LL01CR-WX××L06-M2  
Holder LL01CRWX25H2

### Fixing Method



## Assembly Instruction

Part No LL01CR-WX××L06-M2  
Holder LL01CRWX25H2

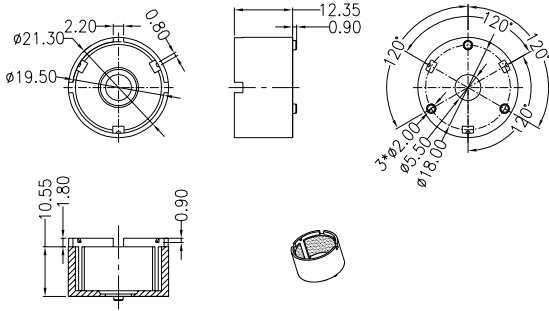


# Mechanical Specification

\*All dimensions are in millimeters.

## Holder Dimension

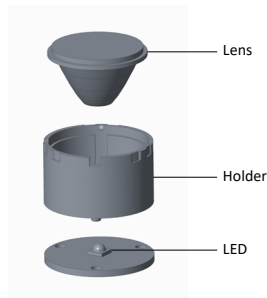
LL01CRZU2050H2



## Assembly Instruction

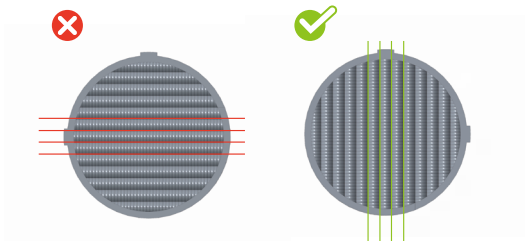
Part No LL01ZZ-AFC××L06-M2  
Holder LL01CRZU2050H2

### Fixing Method

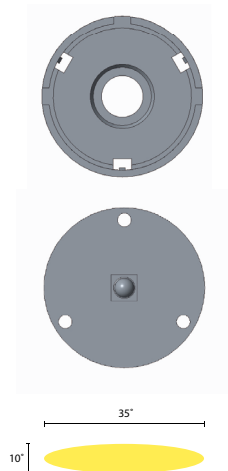


## Assembly Instruction

Part No LL01ZZ-AFC××L06-M2  
Holder LL01CRZU2050H2

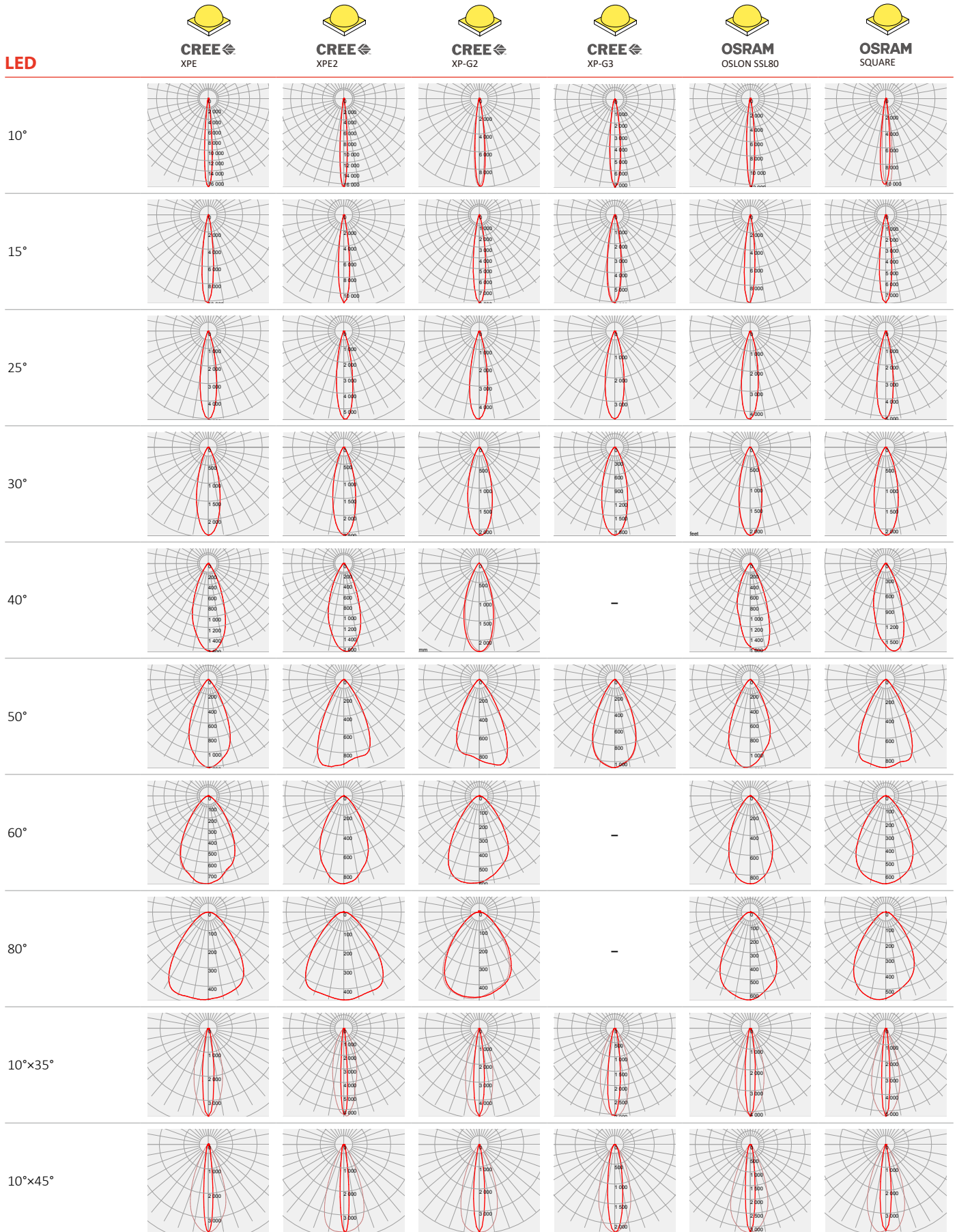


\* Please ensure the lens position is correctly located as shown in picture.

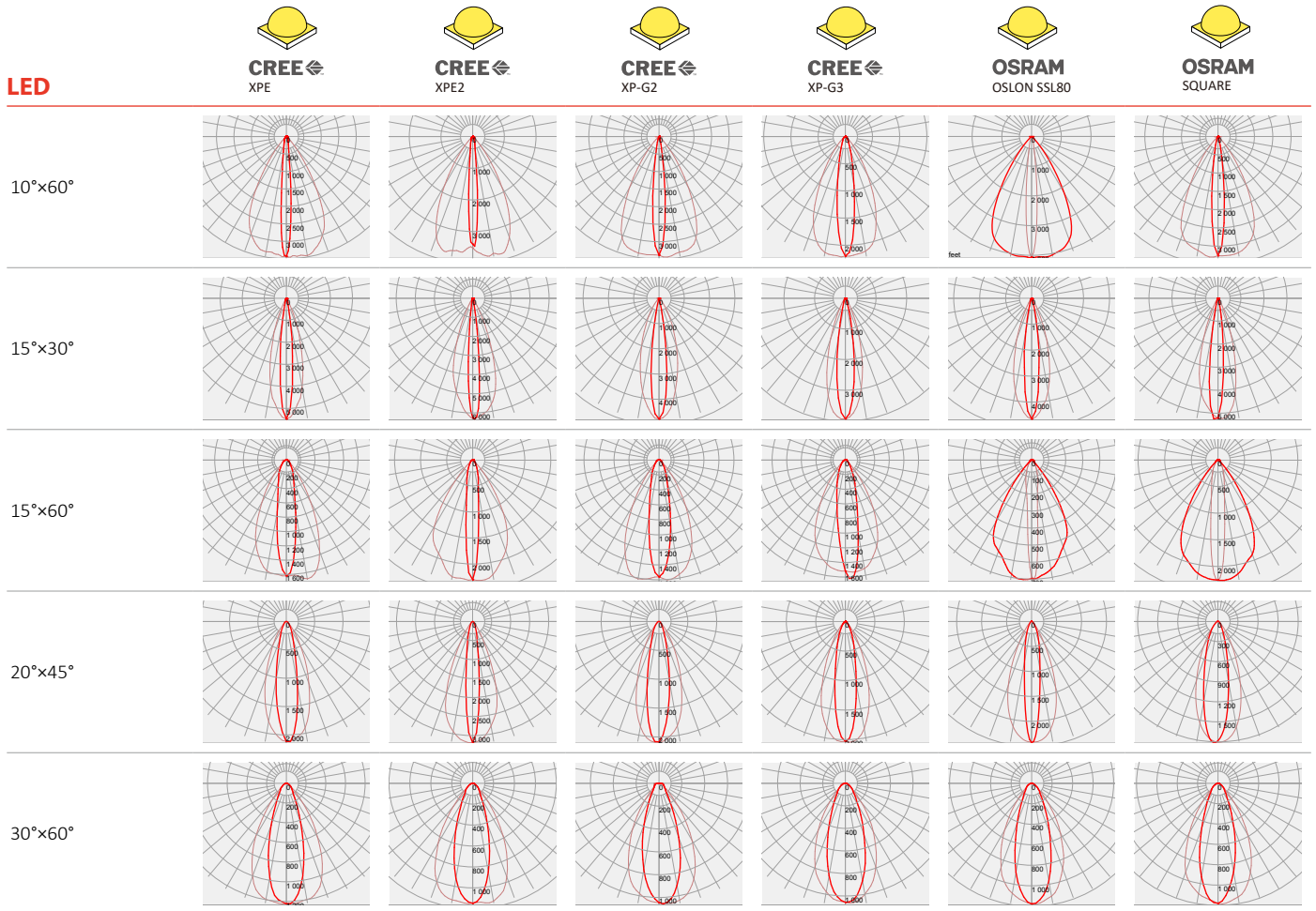




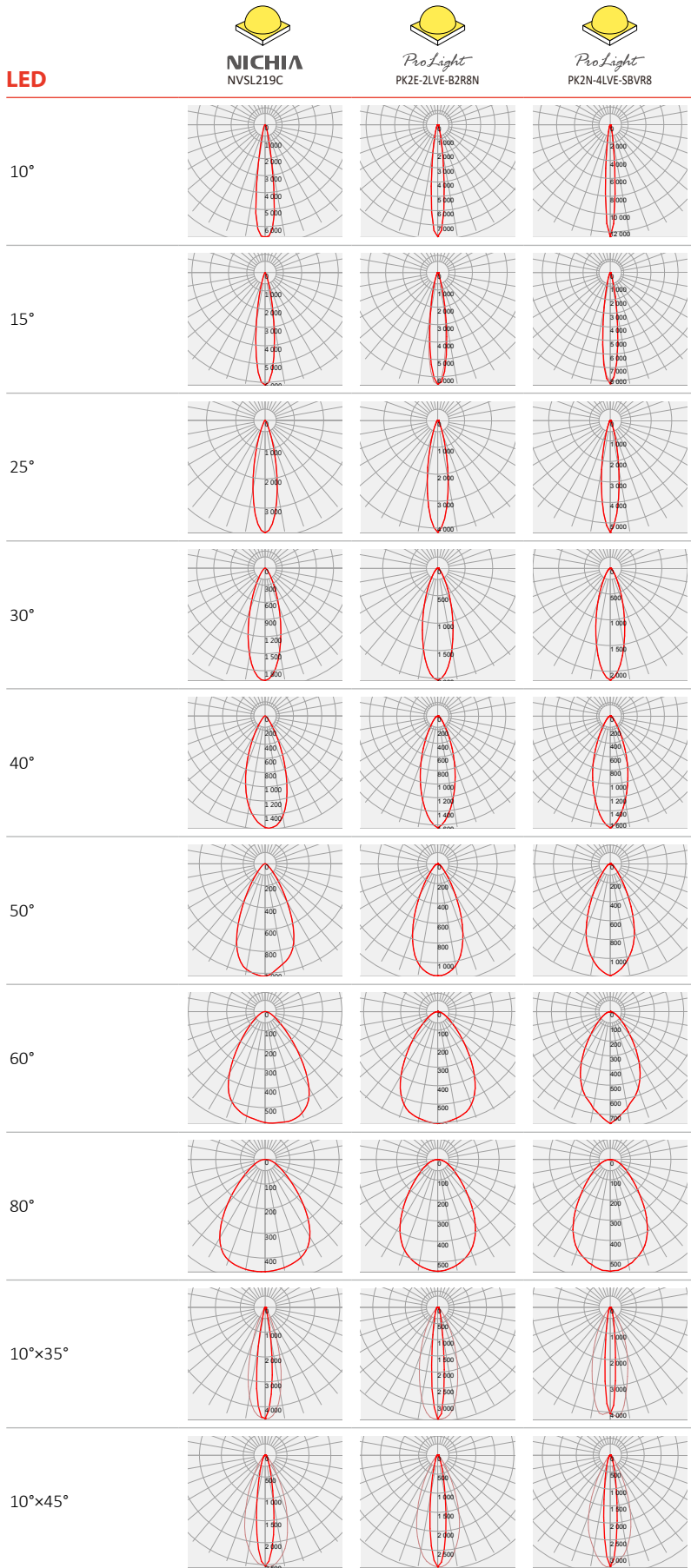
# Photometric Distribution



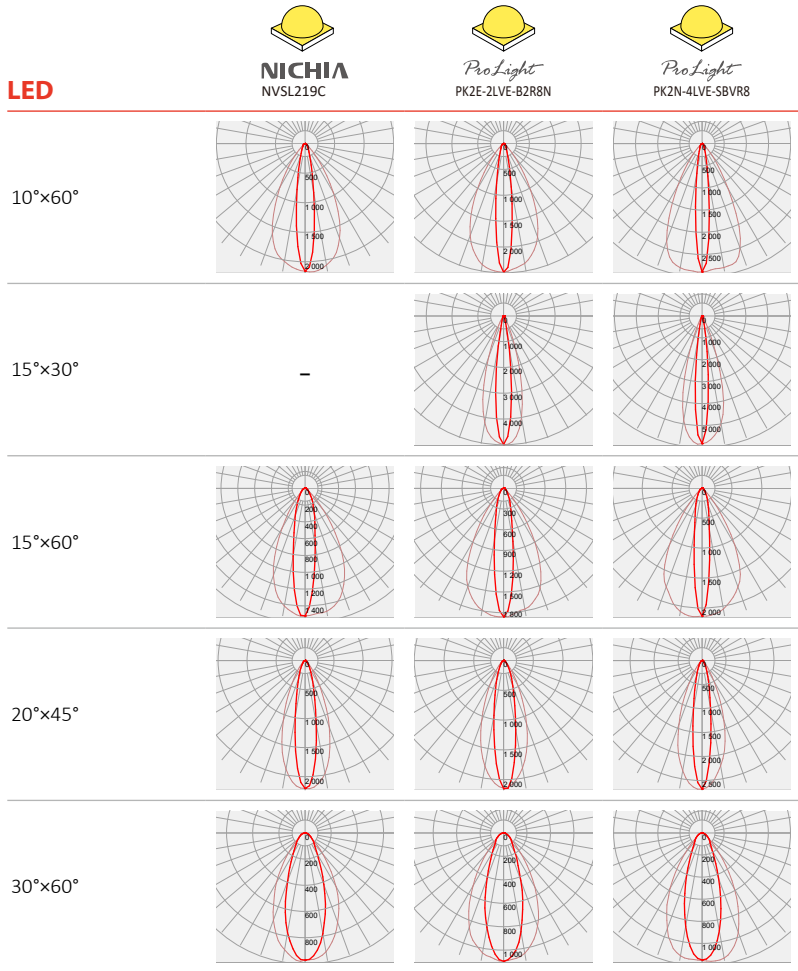
# Photometric Distribution




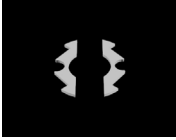









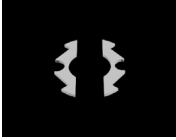
















# Photometric Distribution




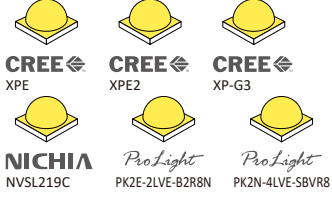

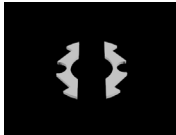

# Photometric Distribution






# Details by LED




Part No	Holder	Tape	LED Package Size	LED	
LL01CR-AFCxxL06-M2-T	 LL01CRRR2050Hx	 LL01A00XTRX	3535	   <b>CREE</b> XPE <b>CREE</b> XPE2 <b>CREE</b> XP-G3    <b>NICHIA</b> NVSL219C <i>ProLight</i> PK2E-2LVE-B2R8N <i>ProLight</i> PK2N-4LVE-SBVR8	*P.15
LL01CR-WXxxL06-M2	 LL01CRWX25H2	-	3535	 <b>CREE</b> XPE	*P.16
LL01OS-AFCxxL06-M2-T	 LL01OSPL2545H2	 LL01A00XTRX	3030	  <b>OSRAM</b> OSOLON SSL80 <b>OSRAM</b> SQUARE	*P.16
LL01OS-VSxxL06-M2	 LL01OSWA06H2	-	3030 / 3535	   <b>CREE</b> XPE <b>CREE</b> XP-G2 <b>OSRAM</b> SQUARE	*P.16
LL01ZZ-AFCxxL06-M2	 LL01CRZU2050H2	-	3535	 <b>CREE</b> XPE	*P.17
LL01ZZ-YRxxL06-M2	 LL01LUYR10H2	-	3030 / 3535 (PCB)	  <b>CREE</b> XPE <b>OSRAM</b> SQUARE	*P.17
LL01JR-AFCxxL06-U2	 LL01LUZD1560H2	-	3535	 <b>CREE</b> XPE	*P.17
LL01AEC-AFCxxL06-Mx	 LL01AECAEQ01Hx	-	3030	  <b>OSRAM</b> SQUARE <b>OSRAM</b> OSOLON SSL80	*P.19

# Details by LED

Part No	Holder	Tape	LED Package Size	LED	
LL01AFF-AFCxxLxx-Mx	 <p>LL01CRAFF2050Hx</p>	-	3535	 <p> <b>CREE</b> XPE    <b>CREE</b> XPE2    <b>CREE</b> XP-G3  <b>NICHIA</b> NVSL219C    <i>ProLight</i> PK2E-2LVE-B2R8N    <i>ProLight</i> PK2N-4LVE-SBVR8         </p>	*P.18
LL01FC-AFCxxL06-U2-T	 <p>LL01LUAEU1560H2</p>  <p>LL01A00XTRX</p>		3535	 <p><b>CREE</b> XPE</p>	*P.17

















CR-AFC

LED	Part No	FWHM	cd / lm	IES
 <b>CREE</b> XPE	LL01CR-AFC10L06-M2-T	9°	16.9	↓
	LL01CR-AFC15L06-M2-T	14°	10.2	↓
	LL01CR-AFC25L06-M2-T	21°	5.0	↓
	LL01CR-AFC30L06-M2-T	30°	2.4	↓
	LL01CR-AFC40L06-M2-T	41°	1.6	↓
	LL01CR-AFC50L06-M2-T	50°	1.2	↓
	LL01CR-AFC60L06-M2-T	66°	0.7	↓
	LL01CR-AFC80L06-M2-T	82°	0.4	↓
	LL01CR-AFC1035L06-M2-T	15°×37°	3.6	↓
	LL01CR-AFC1045L06-M2-T	11°×43°	3.5	↓
	LL01CR-AFC1060L06-M2-T	9°×60°	3.4	↓
	LL01CR-AFC1530L06-M2-T	11°×30°	5.4	↓
	LL01CR-AFC1560L06-M2-T	18°×54	1.6	↓
	LL01CR-AFC2045L06-M2-T	20°×41°	2.1	↓
LL01CR-AFC3060L46-M2-T	32°×60°	1.2	↓	
 <b>CREE</b> XPE2	LL01CR-AFC10L06-M2-T	9°	16.5	↓
	LL01CR-AFC15L06-M2-T	14°	11.2	↓
	LL01CR-AFC25L06-M2-T	20°	5.6	↓
	LL01CR-AFC30L06-M2-T	29°	2.5	↓
	LL01CR-AFC40L06-M2-T	40°	1.6	↓
	LL01CR-AFC50L06-M2-T	57°	0.9	↓
	LL01CR-AFC60L06-M2-T	60°	0.8	↓
	LL01CR-AFC80L06-M2-T	84°	0.4	↓
	LL01CR-AFC1035L06-M2-T	8°×32°	6.4	↓
	LL01CR-AFC1045L06-M2-T	11°×44°	3.7	↓
	LL01CR-AFC1060L06-M2-T	9°×58°	3.8	↓
	LL01CR-AFC1530L06-M2-T	10°×37°	6.3	↓
	LL01CR-AFC1560L06-M2-T	12°×63°	2.3	↓
	LL01CR-AFC2045L06-M2-T	12°×44°	3.1	↓
LL01CR-AFC3060L46-M2-T	33°×62°	1.1	↓	
 <b>CREE</b> XP-G3	LL01CR-AFC10L06-M2-T	13°	7.3	↓
	LL01CR-AFC15L06-M2-T	18°	6.0	↓
	LL01CR-AFC25L06-M2-T	24°	3.7	↓
	LL01CR-AFC30L06-M2-T	33°	1.9	↓
	LL01CR-AFC40L06-M2-T	-	-	-
	LL01CR-AFC50L06-M2-T	52°	1.0	↓
	LL01CR-AFC60L06-M2-T	-	-	-
	LL01CR-AFC80L06-M2-T	-	-	-
	LL01CR-AFC1035L06-M2-T	16°×37°	3.0	↓
	LL01CR-AFC1045L06-M2-T	19°×40°	2.2	↓
	LL01CR-AFC1060L06-M2-T	16°×53°	2.2	↓
	LL01CR-AFC1530L06-M2-T	16°×32°	3.9	↓
	LL01CR-AFC1560L06-M2-T	19°×58°	1.6	↓
	LL01CR-AFC2045L06-M2-T	20°×43°	2.0	↓
LL01CR-AFC3060L46-M2-T	36°×57°	1.0	↓	

































LED	Part No	FWHM	cd / lm	IES
 <b>NICHIA</b> NVSL219C	LL01CR-AFC10L06-M2-T	17°	6.5	↓
	LL01CR-AFC15L06-M2-T	18°	6.1	↓
	LL01CR-AFC25L06-M2-T	24°	3.8	↓
	LL01CR-AFC30L06-M2-T	33°	1.9	↓
	LL01CR-AFC40L06-M2-T	40°	1.5	↓
	LL01CR-AFC50L06-M2-T	53°	1.0	↓
	LL01CR-AFC60L06-M2-T	72°	0.5	↓
	LL01CR-AFC80L06-M2-T	81°	0.4	↓
	LL01CR-AFC1035L06-M2-T	15°×32°	4.4	↓
	LL01CR-AFC1045L06-M2-T	18°×42°	2.5	↓
	LL01CR-AFC1060L06-M2-T	16°×55°	2.1	↓
	LL01CR-AFC1530L06-M2-T	-	-	-
	LL01CR-AFC1560L06-M2-T	19°×58°	1.5	↓
	LL01CR-AFC2045L06-M2-T	19°×41°	2.2	↓
LL01CR-AFC3060L46-M2-T	35°×57°	0.9	↓	
 <i>ProLight</i> PK2E-2LVE-B2R8N	LL01CR-AFC10L06-M2-T	13°	7.8	↓
	LL01CR-AFC15L06-M2-T	17°	6.4	↓
	LL01CR-AFC25L06-M2-T	21°	4.1	↓
	LL01CR-AFC30L06-M2-T	31°	2.0	↓
	LL01CR-AFC40L06-M2-T	36°	1.6	↓
	LL01CR-AFC50L06-M2-T	48°	1.1	↓
	LL01CR-AFC60L06-M2-T	70°	0.6	↓
	LL01CR-AFC80L06-M2-T	73°	0.5	↓
	LL01CR-AFC1035L06-M2-T	12°×38°	3.4	↓
	LL01CR-AFC1045L06-M2-T	16°×42°	2.9	↓
	LL01CR-AFC1060L06-M2-T	14°×55°	2.4	↓
	LL01CR-AFC1530L06-M2-T	13°×32°	4.9	↓
	LL01CR-AFC1560L06-M2-T	17°×59°	1.8	↓
	LL01CR-AFC2045L06-M2-T	19°×40°	2.1	↓
LL01CR-AFC3060L46-M2-T	33°×58°	1.0	↓	
 <i>ProLight</i> PK2N-4LVE-SBVR8	LL01CR-AFC10L06-M2-T	10°	12.5	↓
	LL01CR-AFC15L06-M2-T	15°	8.2	↓
	LL01CR-AFC25L06-M2-T	18°	5.4	↓
	LL01CR-AFC30L06-M2-T	29°	2.1	↓
	LL01CR-AFC40L06-M2-T	36°	1.6	↓
	LL01CR-AFC50L06-M2-T	47°	1.1	↓
	LL01CR-AFC60L06-M2-T	61°	0.7	↓
	LL01CR-AFC80L06-M2-T	72°	0.5	↓
	LL01CR-AFC1035L06-M2-T	11°×37°	4.2	↓
	LL01CR-AFC1045L06-M2-T	13°×42°	3.2	↓
	LL01CR-AFC1060L06-M2-T	12°×54°	2.9	↓
	LL01CR-AFC1530L06-M2-T	11°×33°	5.8	↓
	LL01CR-AFC1560L06-M2-T	14°×60°	2.1	↓
	LL01CR-AFC2045L06-M2-T	16°×40°	2.6	↓
LL01CR-AFC3060L46-M2-T	32°×60°	1.1	↓	



















































CR-WX

LED	Part No	FWHM	cd / lm	IES
	LL01CR-WX10L06-M2	8°	20.1	
	LL01CR-WX15L06-M2	15°	10.2	
	LL01CR-WX25L06-M2	22°	4.5	
	LL01CR-WX30L06-M2	30°	2.4	
	LL01CR-WX40L06-M2	41°	1.6	
	LL01CR-WX50L06-M2	50°	1.1	
	LL01CR-WX60L06-M2	66°	0.7	
	LL01CR-WX80L06-M2	83°	0.4	
	LL01CR-WX1035L06-M2	15°x38°	3.6	
	LL01CR-WX1045L06-M2	12°x43°	3.5	
	LL01CR-WX1060L06-M2	9°x60°	3.4	
	LL01CR-WX1530L06-M2	12°x30°	5.4	
	LL01CR-WX1560L06-M2	18°x54°	1.6	
	LL01CR-WX2045L06-M2	20°x41°	2.1	
	LL01CR-WX3060L46-M2	33°x64°	1.2	

OS-AFC


LED	Part No	FWHM	cd / lm	IES	
	LL01OS-AFC10L06-M2-T	10°	12.2		
	LL01OS-AFC15L06-M2-T	13°	9.9		
	LL01OS-AFC25L06-M2-T	21°	4.3		
	LL01OS-AFC30L06-M2-T	29°	2.1		
	LL01OS-AFC40L06-M2-T	39°	1.6		
	LL01OS-AFC50L06-M2-T	50°	1.2		
	LL01OS-AFC60L06-M2-T	55°	0.8		
	LL01OS-AFC80L06-M2-T	68°	0.6		
	LL01OS-AFC1035L06-M2-T	13°x35°	4.2		
	LL01OS-AFC1045L06-M2-T	12°x44°	3.1		
	LL01OS-AFC1060L06-M2-T	61°x10°	4.0		
	LL01OS-AFC1530L06-M2-T	14°x33°	4.6		
	LL01OS-AFC1560L06-M2-T	9°x63°	0.7		
	LL01OS-AFC2045L06-M2-T	14°x43°	2.4		
	LL01OS-AFC3060L46-M2-T	33°x57°	1.1		
		LL01OS-AFC10L06-M2-T	12°	10.7	
		LL01OS-AFC15L06-M2-T	16°	7.9	
		LL01OS-AFC25L06-M2-T	20°	5.1	
		LL01OS-AFC30L06-M2-T	31°	2.1	
LL01OS-AFC40L06-M2-T		37°	1.7		
LL01OS-AFC50L06-M2-T		58°	0.9		
LL01OS-AFC60L06-M2-T		67°	0.6		
LL01OS-AFC80L06-M2-T		74°	0.5		
LL01OS-AFC1035L06-M2-T		10°x35°	5.3		
LL01OS-AFC1045L06-M2-T		14°x44°	3.8		
LL01OS-AFC1060L06-M2-T		12°x58°	3.3		
LL01OS-AFC1530L06-M2-T		12°x32°	5.3		
LL01OS-AFC1560L06-M2-T		13°x61°	2.2		
LL01OS-AFC2045L06-M2-T		23°x41°	1.8		
LL01OS-AFC3060L46-M2-T		33°x59°	1.1		

OS-VS


LED	Part No	FWHM	cd / lm	IES	
	LL01OS-VS10L06-M2	8°	20.1		
	LL01OS-VS15L06-M2	14°	10.1		
	LL01OS-VS25L06-M2	21°	4.9		
	LL01OS-VS30L06-M2	30°	2.3		
	LL01OS-VS40L06-M2	41°	1.6		
	LL01OS-VS50L06-M2	50°	1.1		
	LL01OS-VS60L06-M2	66°	0.7		
	LL01OS-VS80L06-M2	83°	0.4		
	LL01OS-VS1035L06-M2	15°x37°	3.6		
	LL01OS-VS1045L06-M2	11°x43°	3.6		
	LL01OS-VS1060L06-M2	9°x60°	3.3		
	LL01OS-VS1530L06-M2	11°x30°	5.6		
	LL01OS-VS1560L06-M2	18°x54°	1.6		
	LL01OS-VS2045L06-M2-T	20°x41°	2.1		
	LL01OS-VS3060L46-M2	34°x61°	0.9		
		LL01OS-VS10L06-M2	12°	9.9	
		LL01OS-VS15L06-M2	16°	8.1	
		LL01OS-VS25L06-M2	22°	4.7	
		LL01OS-VS30L06-M2	31°	2.1	
LL01OS-VS40L06-M2		37°	2.3		
LL01OS-VS50L06-M2		56°	0.9		
LL01OS-VS60L06-M2		70°	0.6		
LL01OS-VS80L06-M2		82°	0.4		
LL01OS-VS1035L06-M2		13°x35°	4.8		
LL01OS-VS1045L06-M2		14°x44°	3.9		
LL01OS-VS1060L06-M2		12°x59°	3.4		
LL01OS-VS1530L06-M2		14°x35°	4.7		
LL01OS-VS1560L06-M2		21°x56°	1.6		
LL01OS-VS2045L06-M2		21°x41°	2.1		
LL01OS-VS3060L46-M2		35°x59°	1.0		
		LL01OS-VS10L06-M2	12°	11.1	
		LL01OS-VS15L06-M2	16°	7.9	
		LL01OS-VS25L06-M2	20°	5.1	
		LL01OS-VS30L06-M2	31°	2.1	
	LL01OS-VS40L06-M2	37°	1.7		
	LL01OS-VS50L06-M2	58°	0.9		
	LL01OS-VS60L06-M2	67°	0.6		
	LL01OS-VS80L06-M2	74°	0.5		
	LL01OS-VS1035L06-M2	10°x35°	5.1		
	LL01OS-VS1045L06-M2	14°x44°	3.8		
	LL01OS-VS1060L06-M2	12°x58°	3.2		
	LL01OS-VS1530L06-M2	12°x32°	5.1		
	LL01OS-VS1560L06-M2	14°x61°	2.0		
	LL01OS-VS2045L06-M2	23°x41°	1.8		
	LL01OS-VS3060L46-M2	27°x51°	1.5		





ZZ-AFC

LED	Part No	FWHM	cd / lm	IES
	LL01ZZ-AFC10L06-M2	8°	20.1	<a href="#">↓</a>
	LL01ZZ-AFC15L06-M2	14°	10.0	<a href="#">↓</a>
	LL01ZZ-AFC25L06-M2	21°	4.8	<a href="#">↓</a>
	LL01ZZ-AFC30L06-M2	30°	2.3	<a href="#">↓</a>
	LL01ZZ-AFC40L06-M2	41°	1.6	<a href="#">↓</a>
	LL01ZZ-AFC50L06-M2	50°	1.1	<a href="#">↓</a>
	LL01ZZ-AFC60L06-M2	65°	0.7	<a href="#">↓</a>
	LL01ZZ-AFC80L06-M2	83°	0.4	<a href="#">↓</a>
	LL01ZZ-AFC1035L06-M2	15°×37°	3.7	<a href="#">↓</a>
	LL01ZZ-AFC1045L06-M2	11°×43°	3.6	<a href="#">↓</a>
	LL01ZZ-AFC1060L06-M2	9°×59°	3.3	<a href="#">↓</a>
	LL01ZZ-AFC1530L06-M2	11°×30°	5.6	<a href="#">↓</a>
	LL01ZZ-AFC1560L06-M2	18°×54°	1.6	<a href="#">↓</a>
	LL01ZZ-AFC2045L06-M2	20°×41°	2.1	<a href="#">↓</a>
	LL01ZZ-AFC3060L46-M2	34°×61°	0.9	<a href="#">↓</a>


JR-AFC

LED	Part No	FWHM	cd / lm	IES
	LL01JR-AFC10L06-U2	8°	20.1	<a href="#">↓</a>
	LL01JR-AFC15L06-U2	14°	10.1	<a href="#">↓</a>
	LL01JR-AFC25L06-U2	21°	4.9	<a href="#">↓</a>
	LL01JR-AFC30L06-U2	30°	2.3	<a href="#">↓</a>
	LL01JR-AFC40L06-U2	41°	1.6	<a href="#">↓</a>
	LL01JR-AFC50L06-U2	50°	1.1	<a href="#">↓</a>
	LL01JR-AFC60L06-U2	66°	0.7	<a href="#">↓</a>
	LL01JR-AFC80L06-U2	83°	0.4	<a href="#">↓</a>
	LL01JR-AFC1035L06-U2	15°×37°	3.6	<a href="#">↓</a>
	LL01JR-AFC1045L06-U2	11°×43°	3.6	<a href="#">↓</a>
	LL01JR-AFC1060L06-U2	9°×60°	3.3	<a href="#">↓</a>
	LL01JR-AFC1530L06-U2	11°×30°	5.6	<a href="#">↓</a>
	LL01JR-AFC1560L06-U2	18°×54°	1.6	<a href="#">↓</a>
	LL01JR-AFC2045L06-U2	20°×41°	2.1	<a href="#">↓</a>
	LL01JR-AFC3060L46-U2	34°×61°	0.9	<a href="#">↓</a>













































ZZ-YR
















































LED	Part No	FWHM	cd / lm	IES
	LL01ZZ-YR10L06-M2	8°	19.7	<a href="#">↓</a>
	LL01ZZ-YR15L06-M2	15°	9.7	<a href="#">↓</a>
	LL01ZZ-YR25L06-M2	21°	4.7	<a href="#">↓</a>
	LL01ZZ-YR30L06-M2	30°	2.3	<a href="#">↓</a>
	LL01ZZ-YR40L06-M2	41°	1.6	<a href="#">↓</a>
	LL01ZZ-YR50L06-M2	50°	1.1	<a href="#">↓</a>
	LL01ZZ-YR60L06-M2	66°	0.7	<a href="#">↓</a>
	LL01ZZ-YR80L06-M2	83°	0.4	<a href="#">↓</a>
	LL01ZZ-YR1035L06-M2	15°×38°	3.7	<a href="#">↓</a>
	LL01ZZ-YR1045L06-M2	12°×43°	3.6	<a href="#">↓</a>
	LL01ZZ-YR1060L06-M2	9°×60°	3.4	<a href="#">↓</a>
	LL01ZZ-YR1530L06-M2	12°×30°	5.7	<a href="#">↓</a>
	LL01ZZ-YR1560L06-M2	18°×54°	1.6	<a href="#">↓</a>
	LL01ZZ-YR2045L06-M2	20°×41°	2.1	<a href="#">↓</a>
	LL01ZZ-YR3060L46-M2	33°×64°	1.2	<a href="#">↓</a>
	LL01ZZ-YR10L06-M2	12°	11.1	<a href="#">↓</a>
	LL01ZZ-YR15L06-M2	16°	7.9	<a href="#">↓</a>
	LL01ZZ-YR25L06-M2	20°	5.1	<a href="#">↓</a>
	LL01ZZ-YR30L06-M2	31°	2.1	<a href="#">↓</a>
	LL01ZZ-YR40L06-M2	37°	1.7	<a href="#">↓</a>
	LL01ZZ-YR50L06-M2	58°	0.9	<a href="#">↓</a>
	LL01ZZ-YR60L06-M2	67°	0.4	<a href="#">↓</a>
	LL01ZZ-YR80L06-M2	74°	0.5	<a href="#">↓</a>
	LL01ZZ-YR1035L06-M2	10°×35°	5.3	<a href="#">↓</a>
	LL01ZZ-YR1045L06-M2	14°×44°	3.8	<a href="#">↓</a>
	LL01ZZ-YR1060L06-M2	12°×58°	3.3	<a href="#">↓</a>
	LL01ZZ-YR1530L06-M2	12°×32°	5.2	<a href="#">↓</a>
	LL01ZZ-YR1560L06-M2	13°×61°	2.0	<a href="#">↓</a>
	LL01ZZ-YR2045L06-M2	23°×41°	1.8	<a href="#">↓</a>
	LL01ZZ-YR3060L46-M2	27°×51°	1.5	<a href="#">↓</a>

FC-AFC

































LED	Part No	FWHM	cd / lm	IES
	LL01FC-AFC10L06-U2-T	-	-	-
	LL01FC-AFC15L06-U2-T	14°	10.1	<a href="#">↓</a>
	LL01FC-AFC25L06-U2-T	21°	4.9	<a href="#">↓</a>
	LL01FC-AFC30L06-U2-T	30°	2.3	<a href="#">↓</a>
	LL01FC-AFC40L06-U2-T	41°	1.6	<a href="#">↓</a>
	LL01FC-AFC50L06-U2-T	50°	1.1	<a href="#">↓</a>
	LL01FC-AFC60L06-U2-T	65°	0.7	<a href="#">↓</a>
	LL01FC-AFC80L06-U2-T	83°	0.4	<a href="#">↓</a>
	LL01FC-AFC1035L06-U2-T	15°×37°	3.6	<a href="#">↓</a>
	LL01FC-AFC1045L06-U2-T	11°×43°	3.6	<a href="#">↓</a>
	LL01FC-AFC1060L06-U2-T	9°×59°	3.3	<a href="#">↓</a>
	LL01FC-AFC1530L06-U2-T	11°×30°	3.6	<a href="#">↓</a>
	LL01FC-AFC1560L06-U2-T	18°×54°	1.6	<a href="#">↓</a>
	LL01FC-AFC2045L06-U2-T	20°×41°	2.1	<a href="#">↓</a>
	LL01FC-AFC3060L46-U2-T	34°×61°	0.9	<a href="#">↓</a>

AFF-AFC

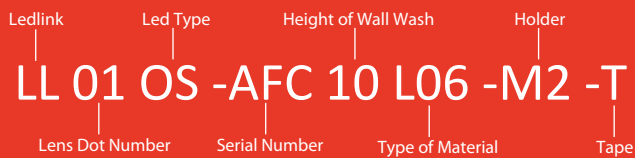
LED	Part No	FWHM	cd / lm	IES
	LL01AFF-AFC10L06-M2	8°	19.4	
	LL01AFF-AFC15L06-M2	14°	10.2	
	LL01AFF-AFC25L06-M2	21°	5.0	
	LL01AFF-AFC30L06-M2	30°	2.4	
	LL01AFF-AFC40L06-M2	41°	1.6	
	LL01AFF-AFC50L06-M2	50°	1.2	
	LL01AFF-AFC60L06-M2	65°	0.7	
	LL01AFF-AFC80L06-M2	82°	0.4	
	LL01AFF-AFC1035L06-M2	15°×37°	3.6	
	LL01AFF-AFC1045L06-M2	11°×43°	3.5	
	LL01AFF-AFC1060L06-M2	9°×59°	3.4	
	LL01AFF-AFC1530L06-M2	11°×30°	5.4	
	LL01AFF-AFC1560L06-M2	18°×54°	1.6	
	LL01AFF-AFC2045L06-M2	20°×41°	2.1	
	LL01AFF-AFC3060L46-M2	32°×60°	1.2	
	LL01AFF-AFC10L06-M2	9°	18.5	
	LL01AFF-AFC15L06-M2	14°	11.2	
	LL01AFF-AFC25L06-M2	20°	5.6	
	LL01AFF-AFC30L06-M2	29°	2.5	
	LL01AFF-AFC40L06-M2	40°	1.6	
	LL01AFF-AFC50L06-M2	57°	0.9	
	LL01AFF-AFC60L06-M2	60°	0.8	
	LL01AFF-AFC80L06-M2	84°	0.4	
	LL01AFF-AFC1035L06-M2	8°×32°	6.4	
	LL01AFF-AFC1045L06-M2	11°×44°	3.7	
	LL01AFF-AFC1060L06-M2	9°×58°	3.8	
	LL01AFF-AFC1530L06-M2	10°×37°	6.3	
	LL01AFF-AFC1560L06-M2	12°×63°	2.3	
	LL01AFF-AFC2045L06-M2	12°×44°	3.1	
	LL01AFF-AFC3060L46-M2	33°×62°	1.1	
	LL01AFF-AFC10L06-M2	13°	7.3	
	LL01AFF-AFC15L06-M2	18°	6.0	
	LL01AFF-AFC25L06-M2	24°	3.7	
	LL01AFF-AFC30L06-M2	33°	1.9	
	LL01AFF-AFC40L06-M2	-	-	-
	LL01AFF-AFC50L06-M2	52°	1.0	
	LL01AFF-AFC60L06-M2	-	-	-
	LL01AFF-AFC80L06-M2	-	-	-
	LL01AFF-AFC1035L06-M2	16°×37°	3.0	
	LL01AFF-AFC1045L06-M2	19°×40°	2.2	
	LL01AFF-AFC1060L06-M2	16°×53°	2.2	
	LL01AFF-AFC1530L06-M2	16°×32°	3.9	
	LL01AFF-AFC1560L06-M2	19°×58°	1.6	
	LL01AFF-AFC2045L06-M2	20°×43°	2.0	
	LL01AFF-AFC3060L46-M2	36°×56°	1.0	

LED	Part No	FWHM	cd / lm	IES
	LL01AFF-AFC10L06-M2	17°	6.6	
	LL01AFF-AFC15L06-M2	18°	6.1	
	LL01AFF-AFC25L06-M2	24°	3.8	
	LL01AFF-AFC30L06-M2	33°	1.9	
	LL01AFF-AFC40L06-M2	40°	1.5	
	LL01AFF-AFC50L06-M2	53°	1.0	
	LL01AFF-AFC60L06-M2	72°	0.5	
	LL01AFF-AFC80L06-M2	81°	0.4	
	LL01AFF-AFC1035L06-M2	15°×32°	4.4	
	LL01AFF-AFC1045L06-M2	18°×42°	2.5	
	LL01AFF-AFC1060L06-M2	16°×55°	2.1	
	LL01AFF-AFC1530L06-M2	-	-	-
	LL01AFF-AFC1560L06-M2	19°×58°	1.5	
	LL01AFF-AFC2045L06-M2	19°×41°	2.2	
	LL01AFF-AFC3060L46-M2	35°×57°	0.9	
	LL01AFF-AFC10L06-M2	13°	7.8	
	LL01AFF-AFC15L06-M2	17°	6.4	
	LL01AFF-AFC25L06-M2	21°	4.1	
	LL01AFF-AFC30L06-M2	31°	2.0	
	LL01AFF-AFC40L06-M2	36°	1.6	
	LL01AFF-AFC50L06-M2	48°	1.1	
	LL01AFF-AFC60L06-M2	70°	0.6	
	LL01AFF-AFC80L06-M2	73°	0.5	
	LL01AFF-AFC1035L06-M2	12°×38°	3.4	
	LL01AFF-AFC1045L06-M2	16°×42°	2.9	
	LL01AFF-AFC1060L06-M2	14°×55°	2.4	
	LL01AFF-AFC1530L06-M2	13°×32°	4.9	
	LL01AFF-AFC1560L06-M2	17°×58°	1.8	
	LL01AFF-AFC2045L06-M2	19°×40°	2.1	
	LL01AFF-AFC3060L46-M2	33°×58°	1.0	
	LL01AFF-AFC10L06-M2	10°	12.5	
	LL01AFF-AFC15L06-M2	15°	8.2	
	LL01AFF-AFC25L06-M2	18°	5.4	
	LL01AFF-AFC30L06-M2	29°	2.1	
	LL01AFF-AFC40L06-M2	36°	1.6	
	LL01AFF-AFC50L06-M2	47°	1.1	
	LL01AFF-AFC60L06-M2	61°	0.7	
	LL01AFF-AFC80L06-M2	72°	0.5	
	LL01AFF-AFC1035L06-M2	11°×37°	4.2	
	LL01AFF-AFC1045L06-M2	13°×42°	3.2	
	LL01AFF-AFC1060L06-M2	12°×54°	2.9	
	LL01AFF-AFC1530L06-M2	11°×33°	5.8	
	LL01AFF-AFC1560L06-M2	14°×60°	2.1	
	LL01AFF-AFC2045L06-M2	16°×40°	2.6	
	LL01AFF-AFC3060L46-M2	32°×60°	1.1	

AEC-AFC

LED	Part No	FWHM	cd / lm	IES
 <b>OSRAM</b> SQUARE	LL01AEC-AFC10L06-M2	12°	10.7	
	LL01AEC-AFC15L06-M2	16°	7.9	
	LL01AEC-AFC25L06-M2	20°	5.1	
	LL01AEC-AFC30L06-M2	31°	2.1	
	LL01AEC-AFC40L06-M2	37°	1.7	
	LL01AEC-AFC50L06-M2	58°	0.9	
	LL01AEC-AFC60L06-M2	67°	0.6	
	LL01AEC-AFC80L06-M2	74°	0.5	
	LL01AEC-AFC1035L06-M2	10°×35°	5.3	
	LL01AEC-AFC1045L06-M2	14°×44°	3.8	
	LL01AEC-AFC1060L06-M2	12°×58°	3.3	
	LL01AEC-AFC1530L06-M2	12°×32°	5.3	
	LL01AEC-AFC1560L06-M2	13°×61°	2.2	
	LL01AEC-AFC2045L06-M2	23°×41°	1.8	
	LL01AEC-AFC3060L46-M2	27°×51°	1.6	
 <b>OSRAM</b> OSOLON SSL80	LL01AEC-AFC10L06-M2	10°	12.2	
	LL01AEC-AFC15L06-M2	13°	9.9	
	LL01AEC-AFC25L06-M2	21°	4.3	
	LL01AEC-AFC30L06-M2	29°	2.1	
	LL01AEC-AFC40L06-M2	39°	1.6	
	LL01AEC-AFC50L06-M2	50°	1.2	
	LL01AEC-AFC60L06-M2	55°	0.8	
	LL01AEC-AFC80L06-M2	68°	0.6	
	LL01AEC-AFC1035L06-M2	13°×35°	4.2	
	LL01AEC-AFC1045L06-M2	12°×44°	3.1	
	LL01AEC-AFC1060L06-M2	9°×61°	4.5	
	LL01AEC-AFC1530L06-M2	14°×33°	4.6	
	LL01AEC-AFC1560L06-M2	9°×63°	0.7	
	LL01AEC-AFC2045L06-M2	14°×43°	2.4	
	LL01AEC-AFC3060L46-M2	33°×57°	1.1	

## Product Nomenclature



### Ledlink Optics, Inc

Taiwan HQ

15F, No.655, Bannan Rd., Chung-Ho Dist.,  
New Taipei City, Taiwan 235

### Ledlink Optics (Dongguan) Co., Ltd

Dongguan Factory

No.6, Gaoxin Road, Tiankeng, Hengli Town, Dongguan City,  
Guangdong Province, China 523478

### Ledlink Optics (Yangzhou) Co., Ltd

Yangzhou Factory

No.180, LinJiang Rd., Yangzhou City, Jiangsu Province, China 225009

[www.ledlink-optics.com](http://www.ledlink-optics.com)

[service@ledlink-optics.com](mailto:service@ledlink-optics.com)

