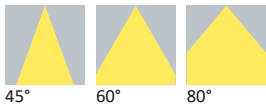


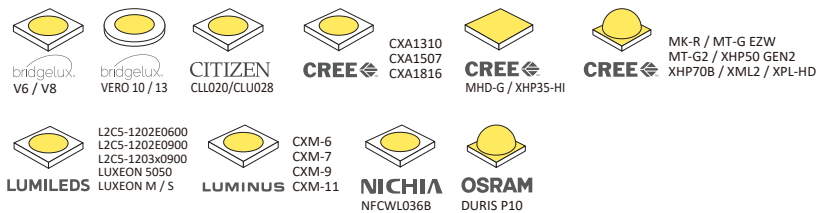
Datasheet

# PV&BRL series

## Available Distribution



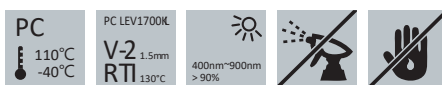
## LED



## Recommend Applications



## General Information



- Lens Material                    PC LEV1700
- Operating Temperature        -40°C~+110°C
- UL Flammability                V-2 @1.5mm
- UL RTI Elec                      130°C @1.5mm
- Light Transmission Rate      400nm~900nm > 90%

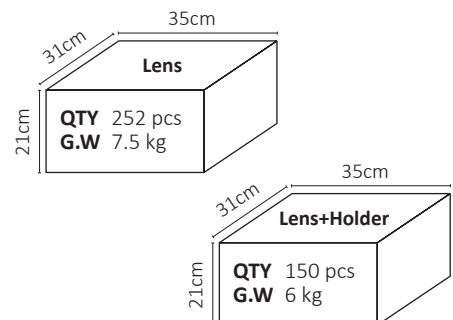
- ☑ If necessary, Clean lenses with mild soap, water and soft cloth.
- ⚠ Never use any commercial cleaning solvents on lenses, like alcohol.
- 🧤 Please handle or install lenses with wearing gloves, skin oils may damage lens or its optical characteristic.

## Dimensions

Part Number	Diameter	Height
LL01CR-PV××L02	Ø45	23.7
LL01CR-PV××L02-M×	Ø47.2	25.65
LL01CR-BRL××L02	Ø45	23.7
LL01CR-BRL××L02-M×	Ø47.2	25.65

\*All dimensions are in millimeters.

## Packaging Details (SPQ)



## Accessories



- Available with Holder  
LL01CRLK45H×

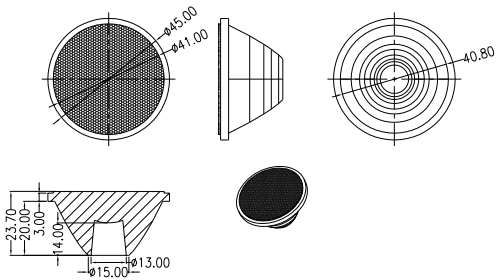
# Mechanical Specification

\*All dimensions are in millimeters.

## Lens Dimension



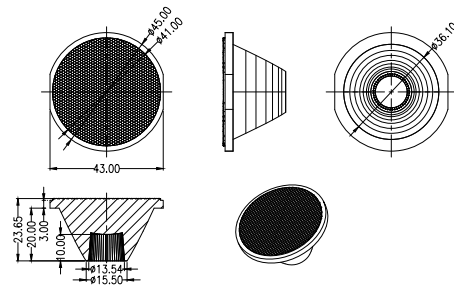
LL01CR-PV××L02



## Lens Dimension



LL01CR-BRL××L02



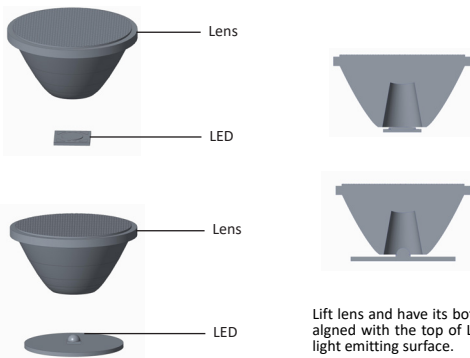
## Assembly Instruction

### Fixing Method

Part No LL01CR-PV××L02



Luminaire Accessories



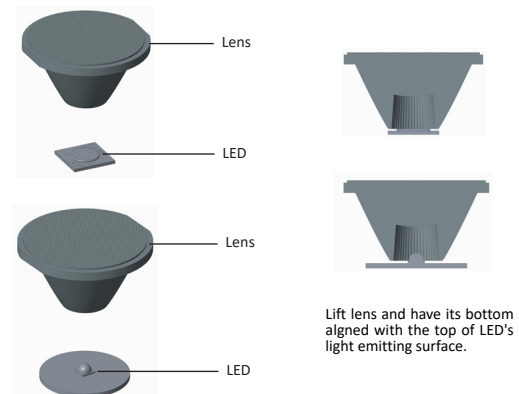
## Assembly Instruction

### Fixing Method

Part No LL01CR-BRL××L02



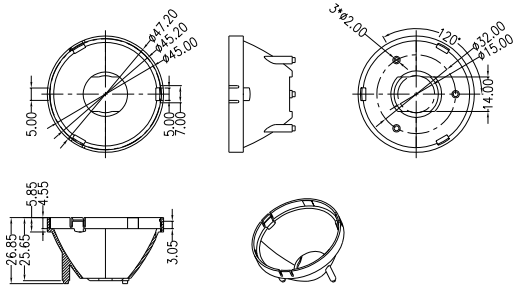
Luminaire Accessories



## Holder Dimension



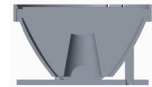
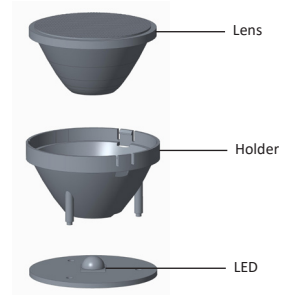
LL01CRLK45Hx



## Assembly Instruction

Fixing Method

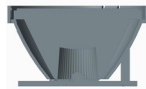
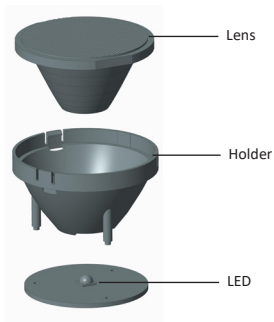
Part No LL01CR-PVxxL02-Mx  
Holder LL01CRLK45Hx



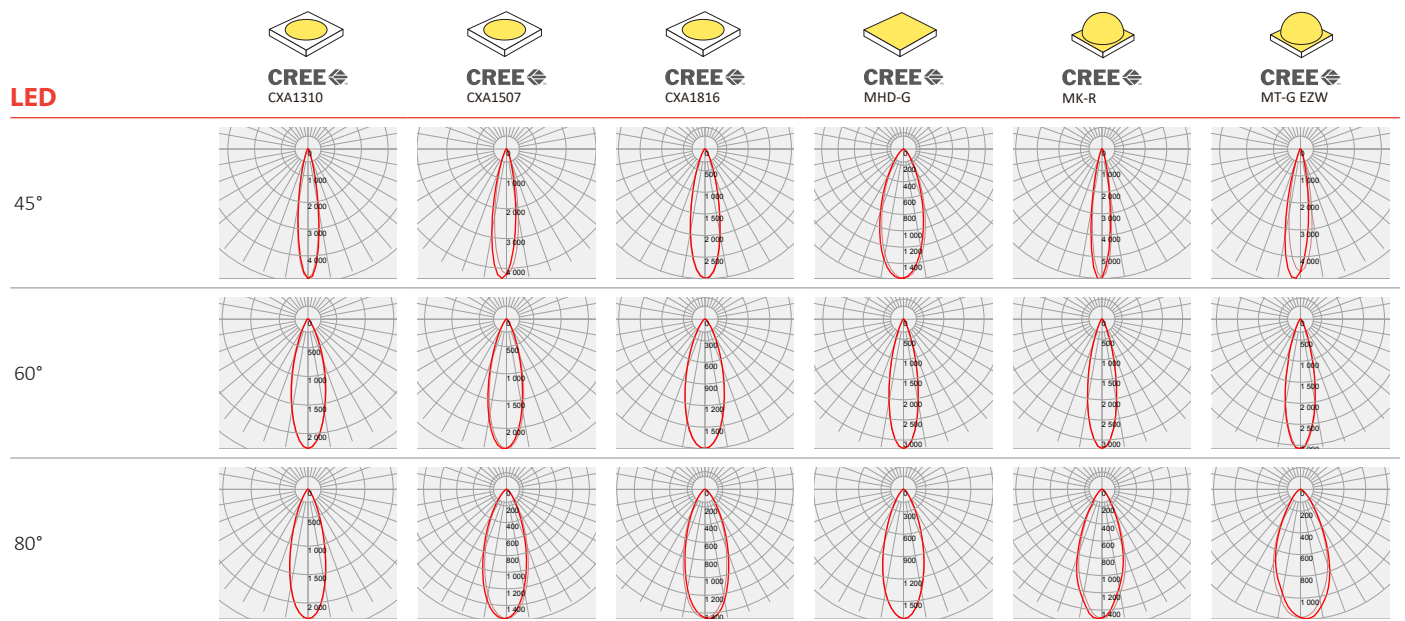
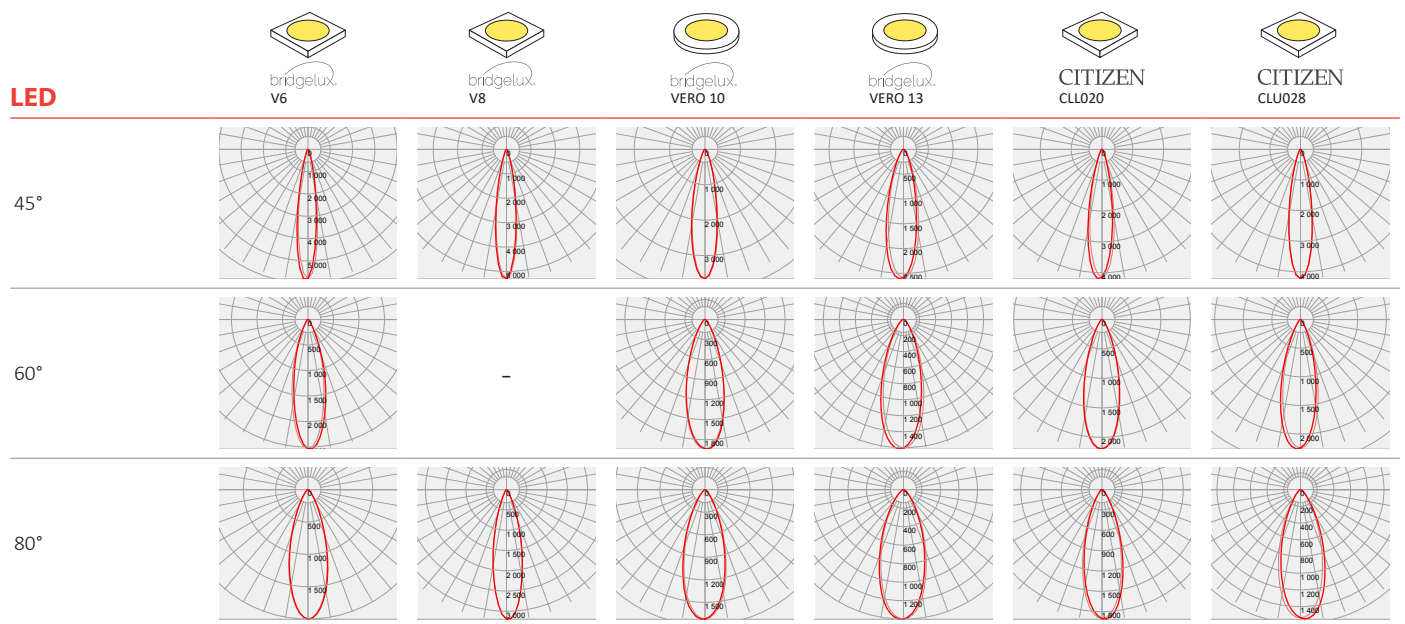
## Assembly Instruction

Fixing Method

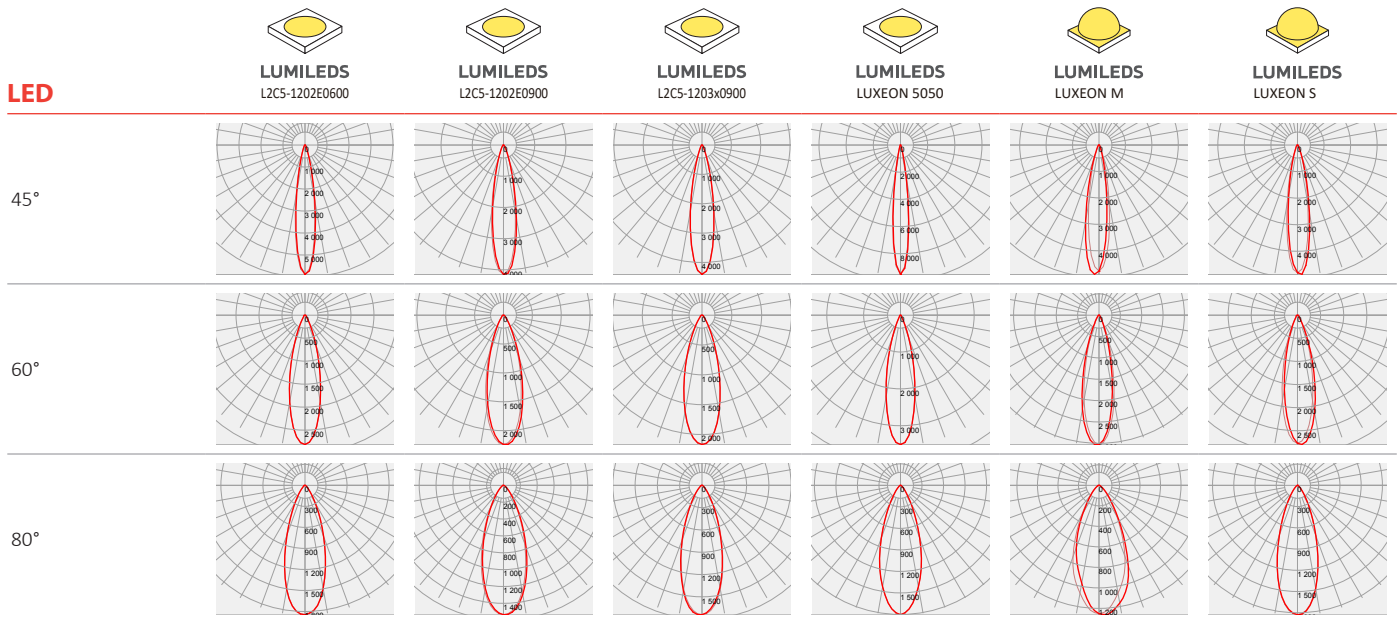
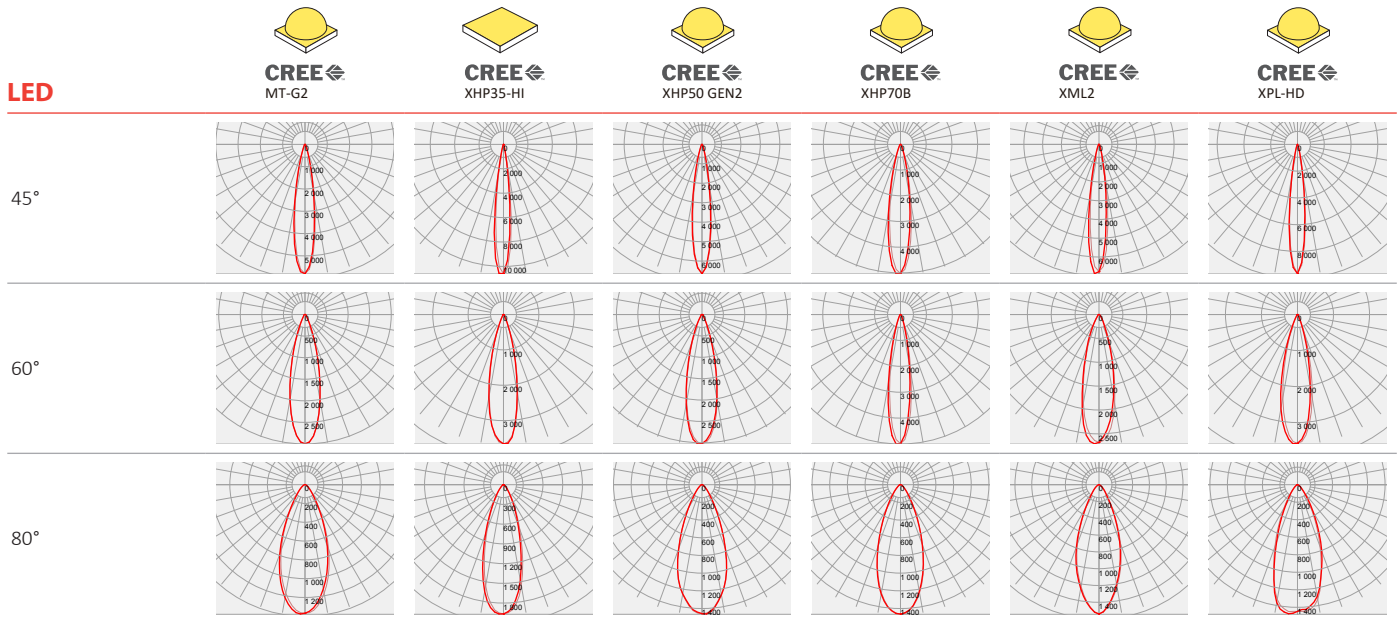
Part No LL01CR-BRLxxL02-Mx  
Holder LL01CRLK45Hx



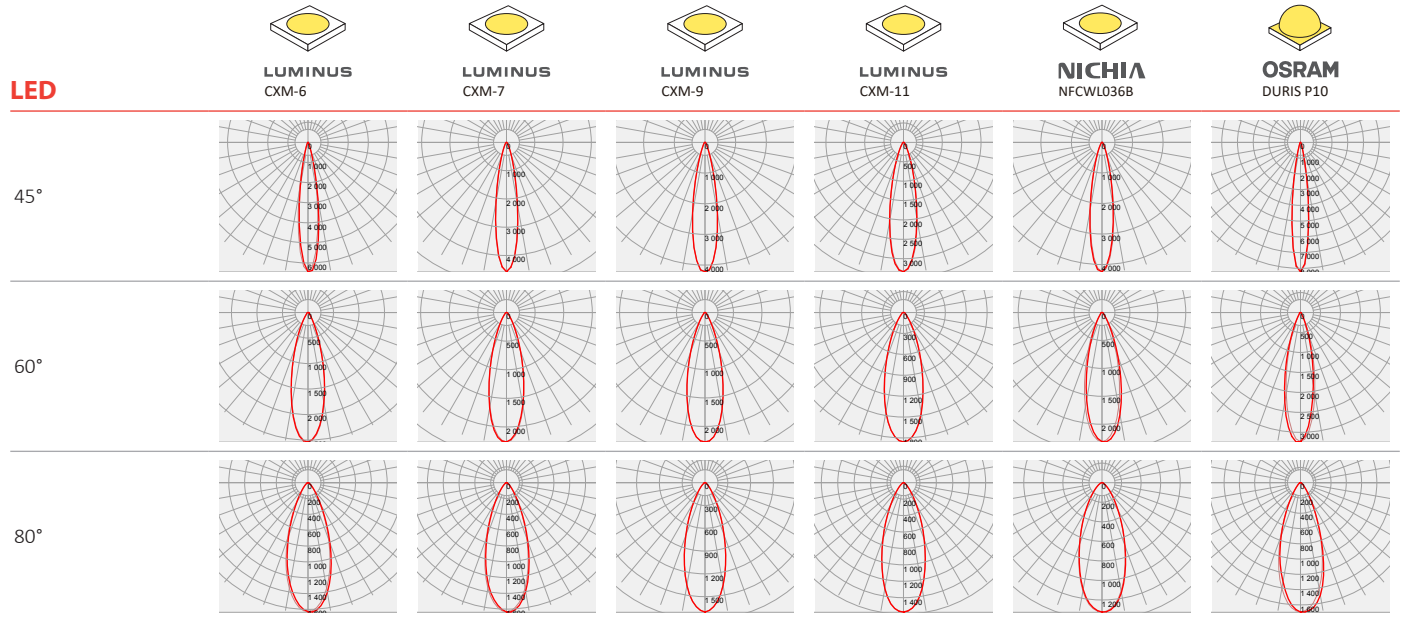
# Photometric Distribution



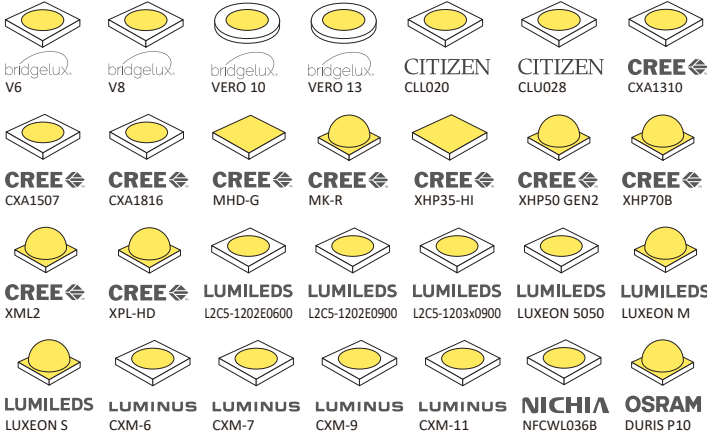


# Photometric Distribution









# Photometric Distribution















# Details by LED

Part No	Holder	LED Package Size	LED
LL01CR-PVxxL02 LL01CR-BRLxxL02	-	LES Ø4.65~16 1314 / 3535 5050 / 7070	
LL01CR-PVxxL02-Mx LL01CR-BRLxxL02-Mx		9090	
	LL01CRLK45Hx		











































LED	Part No	FWHM	cd / lm	IES
	LL01CR-PV45L02	16°	5.8	↓
	LL01CR-PV60L02	28°	2.5	↓
	LL01CR-PV80L02	33°	2.0	↓
	LL01CR-BRL45L02	16°	5.8	↓
	LL01CR-BRL60L02	28°	2.5	↓
	LL01CR-BRL80L02	33°	2.0	↓
	LL01CR-PV45L02	18°	5.2	↓
	LL01CR-PV60L02	-	-	-
	LL01CR-PV80L02	33°	1.9	↓
	LL01CR-BRL45L02	18°	5.2	↓
	LL01CR-BRL60L02	-	-	-
	LL01CR-BRL80L02	33°	1.9	↓
	LL01CR-PV45L02	22°	3.6	↓
	LL01CR-PV60L02	33°	1.9	↓
	LL01CR-PV80L02	36°	1.7	↓
	LL01CR-BRL45L02	22°	3.6	↓
	LL01CR-BRL60L02	33°	1.9	↓
	LL01CR-BRL80L02	36°	1.7	↓











































LED	Part No	FWHM	cd / lm	IES
	LL01CR-PV45L02	26°	2.6	↓
	LL01CR-PV60L02	35°	1.6	↓
	LL01CR-PV80L02	40°	1.3	↓
	LL01CR-BRL45L02	26°	2.6	↓
	LL01CR-BRL60L02	35°	1.6	↓
	LL01CR-BRL80L02	40°	1.3	↓
	LL01CR-PV45L02	21°	4.1	↓
	LL01CR-PV60L02	31°	2.1	↓
	LL01CR-PV80L02	33°	1.9	↓
	LL01CR-BRL45L02	21°	4.1	↓
	LL01CR-BRL60L02	31°	2.1	↓
	LL01CR-BRL80L02	33°	1.9	↓
	LL01CR-PV45L02	20°	4.2	↓
	LL01CR-PV60L02	30°	2.2	↓
	LL01CR-PV80L02	38°	1.5	↓
	LL01CR-BRL45L02	20°	4.2	↓
	LL01CR-BRL60L02	30°	2.2	↓
	LL01CR-BRL80L02	38°	1.5	↓

LED	Part No	FWHM	cd / lm	IES
	LL01CR-PV45L02	18°	4.8	↓
	LL01CR-PV60L02	30°	2.2	↓
	LL01CR-PV80L02	31°	2.2	↓
	LL01CR-BRL45L02	18°	4.8	↓
	LL01CR-BRL60L02	30°	2.2	↓
	LL01CR-BRL80L02	31°	2.2	↓
	LL01CR-PV45L02	20°	4.3	↓
	LL01CR-PV60L02	30°	2.3	↓
	LL01CR-PV80L02	38°	1.5	↓
	LL01CR-BRL45L02	20°	4.3	↓
	LL01CR-BRL60L02	30°	2.3	↓
	LL01CR-BRL80L02	38°	1.5	↓
	LL01CR-PV45L02	25°	2.9	↓
	LL01CR-PV60L02	34°	1.7	↓
	LL01CR-PV80L02	38°	1.4	↓
	LL01CR-BRL45L02	25°	2.9	↓
	LL01CR-BRL60L02	34°	1.7	↓
	LL01CR-BRL80L02	38°	1.4	↓
	LL01CR-PV45L02	38°	1.5	↓
	LL01CR-PV60L02	25°	3.2	↓
	LL01CR-PV80L02	36°	1.7	↓
	LL01CR-BRL45L02	38°	1.5	↓
	LL01CR-BRL60L02	25°	3.2	↓
	LL01CR-BRL80L02	36°	1.7	↓
	LL01CR-PV45L02	16°	5.9	↓
	LL01CR-PV60L02	25°	3.2	↓
	LL01CR-PV80L02	40°	1.5	↓
	LL01CR-BRL45L02	16°	5.9	↓
	LL01CR-BRL60L02	25°	3.2	↓
	LL01CR-BRL80L02	40°	1.5	↓
	LL01CR-PV45L02-M2	19°	4.7	↓
	LL01CR-PV60L02-M2	26°	3.0	↓
	LL01CR-PV80L02-M2	46°	1.1	↓
	LL01CR-BRL45L02-M2	19°	4.7	↓
	LL01CR-BRL60L02-M2	26°	3.0	↓
	LL01CR-BRL80L02-M2	46°	1.1	↓

LED	Part No	FWHM	cd / lm	IES
	LL01CR-PV45L02-M2	17°	5.7	↓
	LL01CR-PV60L02-M2	26°	2.9	↓
	LL01CR-PV80L02-M2	41°	1.3	↓
	LL01CR-BRL45L02-M2	17°	5.7	↓
	LL01CR-BRL60L02-M2	26°	2.9	↓
	LL01CR-BRL80L02-M2	41°	1.3	↓
	LL01CR-PV45L02	13°	10.5	↓
	LL01CR-PV60L02	24°	3.6	↓
	LL01CR-PV80L02	33°	1.9	↓
	LL01CR-BRL45L02	13°	10.5	↓
	LL01CR-BRL60L02	24°	3.6	↓
	LL01CR-BRL80L02	33°	1.9	↓
	LL01CR-PV45L02	16°	6.6	↓
	LL01CR-PV60L02	26°	3.0	↓
	LL01CR-PV80L02	41°	1.4	↓
	LL01CR-BRL45L02	16°	6.6	↓
	LL01CR-BRL60L02	26°	3.0	↓
	LL01CR-BRL80L02	41°	1.4	↓
	LL01CR-PV45L02	18°	5.0	↓
	LL01CR-PV60L02	18°	4.9	↓
	LL01CR-PV80L02	40°	1.4	↓
	LL01CR-BRL45L02	18°	5.0	↓
	LL01CR-BRL60L02	18°	4.9	↓
	LL01CR-BRL80L02	40°	1.4	↓
	LL01CR-PV45L02	15°	6.8	↓
	LL01CR-PV60L02	27°	2.7	↓
	LL01CR-PV80L02	39°	1.5	↓
	LL01CR-BRL45L02	15°	6.8	↓
	LL01CR-BRL60L02	27°	2.7	↓
	LL01CR-BRL80L02	39°	1.5	↓
	LL01CR-PV45L02	13°	9.6	↓
	LL01CR-PV60L02	25°	3.5	↓
	LL01CR-PV80L02	40°	1.4	↓
	LL01CR-BRL45L02	13°	9.6	↓
	LL01CR-BRL60L02	25°	3.5	↓
	LL01CR-BRL80L02	40°	1.4	↓



LED	Part No	FWHM	cd / lm	IES
 LUMILEDS L2CS-1202E0600	LL01CR-PV45L02	17°	5.8	
	LL01CR-PV60L02	27°	2.8	
	LL01CR-PV80L02	35°	1.8	
	LL01CR-BRL45L02	17°	5.8	
	LL01CR-BRL60L02	27°	2.8	
	LL01CR-BRL80L02	35°	1.8	
 LUMILEDS L2CS-1202E0900	LL01CR-PV45L02	20°	4.1	
	LL01CR-PV60L02	31°	2.2	
	LL01CR-PV80L02	38°	1.5	
	LL01CR-BRL45L02	20°	4.1	
	LL01CR-BRL60L02	31°	2.2	
	LL01CR-BRL80L02	38°	1.5	
 LUMILEDS L2CS-1203x0900	LL01CR-PV45L02	20°	4.4	
	LL01CR-PV60L02	31°	2.1	
	LL01CR-PV80L02	36°	1.7	
	LL01CR-BRL45L02	20°	4.4	
	LL01CR-BRL60L02	31°	2.1	
	LL01CR-BRL80L02	36°	1.7	
 LUMILEDS LUXEON 5050	LL01CR-PV45L02	13°	9.5	
	LL01CR-PV60L02	25°	3.5	
	LL01CR-PV80L02	36°	1.8	
	LL01CR-BRL45L02	13°	9.5	
	LL01CR-BRL60L02	25°	3.5	
	LL01CR-BRL80L02	36°	1.8	
 LUMILEDS LUXEON M	LL01CR-PV45L02	18°	4.8	
	LL01CR-PV60L02	26°	3.0	
	LL01CR-PV80L02	44°	1.2	
	LL01CR-BRL45L02	18°	4.8	
	LL01CR-BRL60L02	26°	3.0	
	LL01CR-BRL80L02	44°	1.2	
 LUMILEDS LUXEON S	LL01CR-PV45L02	18°	4.8	
	LL01CR-PV60L02	26°	2.7	
	LL01CR-PV80L02	35°	1.8	
	LL01CR-BRL45L02	18°	4.8	
	LL01CR-BRL60L02	26°	2.7	
	LL01CR-BRL80L02	35°	1.8	

LED	Part No	FWHM	cd / lm	IES
 LUMINUS CXM-6	LL01CR-PV45L02	17°	6.4	
	LL01CR-PV60L02	29°	2.5	
	LL01CR-PV80L02	38°	1.6	
	LL01CR-BRL45L02	17°	6.4	
	LL01CR-BRL60L02	29°	2.5	
	LL01CR-BRL80L02	38°	1.6	
 LUMINUS CXM-7	LL01CR-PV45L02	19°	4.5	
	LL01CR-PV60L02	30°	2.2	
	LL01CR-PV80L02	37°	1.6	
	LL01CR-BRL45L02	19°	4.5	
	LL01CR-BRL60L02	30°	2.2	
	LL01CR-BRL80L02	37°	1.6	
 LUMINUS CXM-9	LL01CR-PV45L02	21°	4.2	
	LL01CR-PV60L02	31°	2.2	
	LL01CR-PV80L02	36°	1.7	
	LL01CR-BRL45L02	21°	4.2	
	LL01CR-BRL60L02	31°	2.2	
	LL01CR-BRL80L02	36°	1.7	
 LUMINUS CXM-11	LL01CR-PV45L02	23°	3.3	
	LL01CR-PV60L02	33°	1.8	
	LL01CR-PV80L02	38°	1.5	
	LL01CR-BRL45L02	23°	3.3	
	LL01CR-BRL60L02	33°	1.8	
	LL01CR-BRL80L02	38°	1.5	
 NICHIA NFCWL036B	LL01CR-PV45L02	20°	4.2	
	LL01CR-PV60L02	30°	2.3	
	LL01CR-PV80L02	40°	1.3	
	LL01CR-BRL45L02	20°	4.2	
	LL01CR-BRL60L02	30°	2.3	
	LL01CR-BRL80L02	40°	1.3	
 OSRAM DURIS P10	LL01CR-PV45L02	14°	8.2	
	LL01CR-PV60L02	25°	3.2	
	LL01CR-PV80L02	37°	1.6	
	LL01CR-BRL45L02	14°	8.2	
	LL01CR-BRL60L02	25°	3.2	
	LL01CR-BRL80L02	37°	1.6	

## Product Nomenclature

Ledlink      Led Type      Lens Angle      Holder  
LL 01 CR -PV 45 L02 -M2  
Lens Dot Number      Serial Number      Type of Material

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# Mouser Electronics

Authorized Distributor

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