









Ordering number Description	FA11067 FA11067_LM1-O-90		
Family	Leila	FWHM	degrees
Туре	Assembly	Efficiency	-
LED	MC-E	cd/lm	-
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	14.04 mm		
Style	Round		
Optic Material	РММА		
Holder Material	PC		
Fastening	Таре		
Status	Ready		
Ordering number Description	FA11447 FA11447_LM1-M2		
Family	Leila	FWHM	degrees
Туре	Assembly	Efficiency	-
LED	MC-E	cd/lm	-
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	14.04 mm		
Style	Round		
Optic Material	РММА		
Holder Material	PC		
Fastening	Таре		
Status	Ready		
Ordering number Description	FA11374 FA11374-LM1-D		
		FWHM	20 degrees
Description	FA11374-LM1-D	FWHM Efficiency	20 degrees -
Description Family	FA11374-LM1-D Leila		•
Description Family Type	FA11374-LM1-D Leila Assembly	Efficiency	•
Description Family Type LED	FA11374-LM1-D Leila Assembly MC-E	Efficiency cd/lm	-
Description Family Type LED Color Diameter	FA11374-LM1-D Leila Assembly MC-E Black	Efficiency cd/lm	-
Description Family Type LED Color Diameter Height	FA11374-LM1-D Leila Assembly MC-E Black 21.6 mm	Efficiency cd/lm	-
Description Family Type LED Color Diameter Height Style	FA11374-LM1-D Leila Assembly MC-E Black 21.6 mm 14.04 mm	Efficiency cd/lm	-
Description Family Type LED Color Diameter Height	FA11374-LM1-D Leila Assembly MC-E Black 21.6 mm 14.04 mm Round	Efficiency cd/lm	-
Description Family Type LED Color Diameter Height Style Optic Material Holder Material	FA11374-LM1-D Leila Assembly MC-E Black 21.6 mm 14.04 mm Round PMMA PC	Efficiency cd/lm	-
Description Family Type LED Color Diameter Height Style Optic Material	FA11374-LM1-D Leila Assembly MC-E Black 21.6 mm 14.04 mm Round PMMA	Efficiency cd/lm	-
Description Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening	FA11374-LM1-D Leila Assembly MC-E Black 21.6 mm 14.04 mm Round PMMA PC Tape Ready	Efficiency cd/lm	-
Description Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Ordering number Description	FA11374-LM1-D Leila Assembly MC-E Black 21.6 mm 14.04 mm Round PMMA PC Tape Ready FA10650	Efficiency cd/lm	- Available
Description Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Ordering number Description Family	FA11374-LM1-D Leila Assembly MC-E Black 21.6 mm 14.04 mm Round PMMA PC Tape Ready FA10650 FA10650_LM1-D Leila	Efficiency cd/lm Gerber File FWHM	-
Description Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Ordering number Description	FA11374-LM1-D Leila Assembly MC-E Black 21.6 mm 14.04 mm Round PMMA PC Tape Ready FA10650 FA10650_LM1-D	Efficiency cd/lm Gerber File	- Available
Description Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Ordering number Description Family Type	FA11374-LM1-D Leila Assembly MC-E Black 21.6 mm 14.04 mm Round PMMA PC Tape Ready FA10650 FA10650_LM1-D Leila Assembly	Efficiency cd/lm Gerber File FWHM Efficiency	- Available
Description Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Ordering number Description Family Type LED	FA11374-LM1-D Leila Assembly MC-E Black 21.6 mm 14.04 mm Round PMMA PC Tape Ready FA10650_LM1-D Leila Assembly MC-E	Efficiency cd/lm Gerber File FWHM Efficiency cd/lm	- Available 20 degrees -
Description Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Ordering number Description Family Type LED Color Diameter	FA11374-LM1-D Leila Assembly MC-E Black 21.6 mm 14.04 mm Round PMMA PC Tape Ready FA10650 FA10650_LM1-D Leila Assembly MC-E Black	Efficiency cd/lm Gerber File FWHM Efficiency cd/lm	- Available 20 degrees -
Description Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Ordering number Description Family Type LED Color Diameter Height	FA11374-LM1-D Leila Assembly MC-E Black 21.6 mm 14.04 mm Round PMMA PC Tape Ready FA10650 FA10650_LM1-D Leila Assembly MC-E Black 21.6 mm 14.04 mm	Efficiency cd/lm Gerber File FWHM Efficiency cd/lm	- Available 20 degrees -
Description Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Ordering number Description Family Type LED Color Diameter Height Style	FA11374-LM1-D Leila Assembly MC-E Black 21.6 mm 14.04 mm Round PMMA PC Tape Ready FA10650 FA10650_LM1-D Leila Assembly MC-E Black 21.6 mm	Efficiency cd/lm Gerber File FWHM Efficiency cd/lm	- Available 20 degrees -
Description Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Crdering number Description Family Type LED Color Diameter Height Style Optic Material	FA11374-LM1-DLeilaAssemblyMC-EBlack21.6 mm14.04 mmRoundPMMAPCTapeReadyFA10650_LM1-DLeilaAssemblyMC-EBlack21.6 mm14.04 mmRoundPMAA	Efficiency cd/lm Gerber File FWHM Efficiency cd/lm	- Available 20 degrees -
Description Family Type LED Color Diameter Height Style Optic Material Fastening Status Codering number Description Family Type LED Color Diameter Height Style Optic Material Holder Material	FA11374-LM1-D Leila Assembly MC-E Black 21.6 mm 14.04 mm Round PMMA PC Tape Ready FA10650_LM1-D Leila Assembly MC-E Black 21.6 mm 14.04 mm Round PMMA	Efficiency cd/lm Gerber File FWHM Efficiency cd/lm	- Available 20 degrees -
Description Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Crdering number Description Family Type LED Color Diameter Height Style Optic Material	FA11374-LM1-DLeilaAssemblyMC-EBlack21.6 mm14.04 mmRoundPMMAPCTapeReadyFA10650_LM1-DLeilaAssemblyMC-EBlack21.6 mm14.04 mmRoundPMAA	Efficiency cd/lm Gerber File FWHM Efficiency cd/lm	- Available 20 degrees -

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Ordering number Description	FA10613 FA10613_LM1-RS		
Family	Leila	FWHM	21 degrees
Туре	Assembly	Efficiency	89 %
LED	MC-E	cd/lm	-
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	14.04 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening Status	Tape Ready		
Status	Reauy		
Ordering number Description	FA10614 FA10614_LM1-M		
Family	Leila	FWHM	24 degrees
Туре	Assembly	Efficiency	88 %
LED	MC-E	cd/lm	-
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	14.04 mm		
Style	Round		
Optic Material Holder Material	PMMA PC		
Fastening	Tape		
Status	Ready		
elalue			
	FA4004F		
Ordering number Description	FA10615 FA10615_LM1-REC		
Description Family	FA10615_LM1-REC Leila	FWHM	38+24 degrees
Description Family Type	FA10615_LM1-REC Leila Assembly	Efficiency	38+24 degrees 86 %
Description Family Type LED	FA10615_LM1-REC Leila Assembly MC-E	Efficiency cd/lm	86 % -
Description Family Type LED Color	FA10615_LM1-REC Leila Assembly MC-E Black	Efficiency	86 %
Description Family Type LED Color Diameter	FA10615_LM1-REC Leila Assembly MC-E Black 21.6 mm	Efficiency cd/lm	86 % -
Description Family Type LED Color Diameter Height	FA10615_LM1-REC Leila Assembly MC-E Black 21.6 mm 14.04 mm	Efficiency cd/lm	86 % -
Description Family Type LED Color Diameter Height Style	FA10615_LM1-REC Leila Assembly MC-E Black 21.6 mm 14.04 mm Round	Efficiency cd/lm	86 % -
Description Family Type LED Color Diameter Height Style Optic Material	FA10615_LM1-REC Leila Assembly MC-E Black 21.6 mm 14.04 mm Round PMMA	Efficiency cd/lm	86 % -
Description Family Type LED Color Diameter Height Style Optic Material Holder Material	FA10615_LM1-REC Leila Assembly MC-E Black 21.6 mm 14.04 mm Round PMMA PC	Efficiency cd/lm	86 % -
Description Family Type LED Color Diameter Height Style Optic Material	FA10615_LM1-REC Leila Assembly MC-E Black 21.6 mm 14.04 mm Round PMMA	Efficiency cd/lm	86 % -
Description Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening	FA10615_LM1-REC Leila Assembly MC-E Black 21.6 mm 14.04 mm Round PMMA PC Tape Ready	Efficiency cd/lm	86 % -
Description Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Ordering number Description	FA10615_LM1-REC Leila Assembly MC-E Black 21.6 mm 14.04 mm Round PMMA PC Tape Ready FA11827 FA11827-LM1-WW	Efficiency cd/Im Gerber File	86 % - Available
Description Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Ordering number Description Family	FA10615_LM1-REC Leila Assembly MC-E Black 21.6 mm 14.04 mm Round PMMA PC Tape Ready FA11827 FA11827-LM1-WW Leila	Efficiency cd/Im Gerber File FWHM	86 % -
Description Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Ordering number Description	FA10615_LM1-REC Leila Assembly MC-E Black 21.6 mm 14.04 mm Round PMMA PC Tape Ready FA11827 FA11827-LM1-WW	Efficiency cd/Im Gerber File	86 % - Available
Description Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Ordering number Description Family Type	FA10615_LM1-REC Leila Assembly MC-E Black 21.6 mm 14.04 mm Round PMMA PC Tape Ready FA11827 FA11827-LM1-WW Leila Assembly	Efficiency cd/Im Gerber File FWHM Efficiency	86 % - Available
Description Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Ordering number Description Family Type LED	FA10615_LM1-REC Leila Assembly MC-E Black 21.6 mm 14.04 mm Round PMMA PC Tape Ready FA11827 FA11827-LM1-WW Leila Assembly MC-E	Efficiency cd/Im Gerber File FWHM Efficiency cd/Im	86 % - Available degrees
Description Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Ordering number Description Family Type LED Color	FA10615_LM1-REC Leila Assembly MC-E Black 21.6 mm 14.04 mm Round PMMA PC Tape Ready FA11827 FA11827-LM1-WW Leila Assembly MC-E Black	Efficiency cd/Im Gerber File FWHM Efficiency cd/Im	86 % - Available degrees
Description Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Ordering number Description Family Type LED Color Diameter	FA10615_LM1-REC Leila Assembly MC-E Black 21.6 mm 14.04 mm Round PMMA PC Tape Ready FA11827 FA11827 FA11827-LM1-WW Leila Assembly MC-E Black 21.6 mm	Efficiency cd/Im Gerber File FWHM Efficiency cd/Im	86 % - Available degrees
Description Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Ordering number Description Family Type LED Color Diameter Height	FA10615_LM1-REC Leila Assembly MC-E Black 21.6 mm 14.04 mm Round PMMA PC Tape Ready FA11827 FA11827-LM1-WW Leila Assembly MC-E Black 21.6 mm 14.04 mm	Efficiency cd/Im Gerber File FWHM Efficiency cd/Im	86 % - Available degrees
Description Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Ordering number Description Family Type LED Color Diameter Height Style	FA10615_LM1-REC Leila Assembly MC-E Black 21.6 mm 14.04 mm Round PMMA PC Tape Ready FA11827 FA11827 FA11827-LM1-WW Leila Assembly MC-E Black 21.6 mm 14.04 mm Round	Efficiency cd/Im Gerber File FWHM Efficiency cd/Im	86 % - Available degrees
Description Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Ordering number Description Family Type LED Color Diameter Height Style Optic Material	FA10615_LM1-REC Leila Assembly MC-E Black 21.6 mm 14.04 mm Round PMMA PC Tape Ready FA11827 FA11827 FA11827-LM1-WW Leila Assembly MC-E Black 21.6 mm 14.04 mm Round PMMA	Efficiency cd/Im Gerber File FWHM Efficiency cd/Im	86 % - Available degrees

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Ordering number Description	FA11894 FA11894_LM1-W
Family	Leila
Туре	Assembly
LED	MC-E
Color	Black
Diameter	21.6 mm
Height	14.04 mm
Style	Round
Optic Material	PMMA
Holder Material	PC
Fastening	Таре
Status	Ready

FWHM Efficiency cd/Im Gerber File

28 degrees -

Available

NOTE: The typical divergence will be changed by different color, chip size and chip position tolerance. The typical total divergence is the full angle measured where the luminous intensity is half of the peak value.



GENERAL INFORMATION

- Product series especially designed & optimized for MC-E series of LEDs.

- Special care taken to make light distribution as uniform as possible.

- Lens material optical grade PMMA with high UV and temperature resistance (105 degrees of Celcius / 220 degrees of Fahrenheit). Allows use of high current and temperature conditions.

Please find more information about used material from below:

http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%208N%20UL94_Yellow%20Card.pdf http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%208N%20PLEXIGLAS-Datasheet.pdf - Optic holder molded by high quality PC material (120 dergees of Celcius / 248 degrees of Fahrenheit).

- Fastening to heat sink with a PU foam adhesive tape of automotive grade. Please find fastening details by clicking link: http://www.ledil.com/datasheets/DataSheet_TAPE.pdf

NOTE 1: We advise customer to ensure the suitability and sufficiency of the bond in the end product. For example, mechanical stress, vibration and holes on the surface of the circuit boar weaken the strength of the tape.

NOTE 2: Assembly to the surface must be made straight, so the tape bonds constant and balanced with fastening surface. Slanted assembly might cause unbalanced bond to the surface. All surfaces where tape is applied must be clean, dry and free from grease and dirt.

If cleaning of PCB surfaces is needed, please follow strictly the cleaning instructions of your LED manufacturer - this is important as cleaning shall under no circumstances damage LEDs or other electronics components on the PCB.

Further note that optical components shall not be cleaned with any chemicals - only micro fiber cloth may be used to remove fingerprints or other traces from handling.



CA11483_LXP2-M & XP-E-HEW

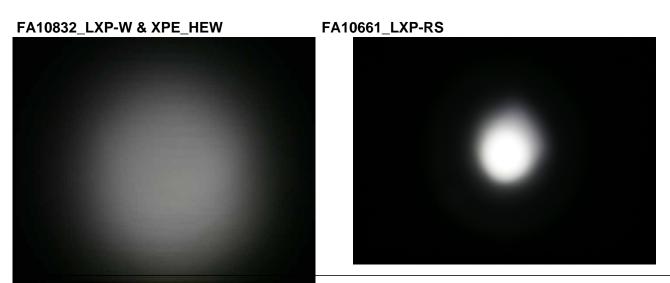


CA11481_LXP2-RS



FA11116_LXP-O-90





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FA10661_LXP-RS & XP-E-HEW





CA11638_LR2-D



CA11637_LR2-RS



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