

**Product number FCN10810_LC1-D**

| | | | |
|-----------------|------------------|-------------|------------|
| Family | Leila | FWHM | 10 degrees |
| Type | Pack | Efficiency | - |
| LED | XR-E | cd/lm | - |
| Color | White | Gerber File | Available |
| Diameter | 21.6 mm | | |
| Height | 16.5 mm | | |
| Style | Round | | |
| Optic Material | PMMA | | |
| Holder Material | - | | |
| Fastening | ["glue"] | | |
| Status | Production ready | | |

Product number FCN11104_LC1-O-90

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|-----------------|------------------|-------------|---------------|
| Family | Leila | FWHM | 10+42 degrees |
| Type | Pack | Efficiency | 85 % |
| LED | XR-E | cd/lm | - |
| Color | White | Gerber File | Available |
| Diameter | 21.6 mm | | |
| Height | 16.5 mm | | |
| Style | Round | | |
| Optic Material | PMMA | | |
| Holder Material | - | | |
| Fastening | ["glue"] | | |
| Status | Production ready | | |

Product number FCN11372_LC1-MD

| | | | |
|-----------------|------------------|-------------|------------|
| Family | Leila | FWHM | 24 degrees |
| Type | Pack | Efficiency | 90 % |
| LED | XR-E | cd/lm | - |
| Color | White | Gerber File | Available |
| Diameter | 21.6 mm | | |
| Height | 16.5 mm | | |
| Style | Round | | |
| Optic Material | PMMA | | |
| Holder Material | - | | |
| Fastening | ["glue"] | | |
| Status | Production ready | | |

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.



PRODUCT DATASHEET

Leila series

last update 23/11/2016

GENERAL INFORMATION

- Product series especially designed & optimized for XR-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. 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%20N%20UL94_Yellow%20Card.pdf

<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20PLEXIGLAS-Datasheet.pdf>