# PRODUCT DATASHEET
## Lenina series
last update 1/2/2016

| Product number | C12958_LENINA-XW | | |
|---|---|---|---|
| Family | Lenina | FWHM | 73 degrees |
| Type | Reflector | Efficiency | 91 % |
| LED | Unknown | cd/lm | 0.620 |
| Color | White | Gerber File | Available |
| Diameter | 74 mm | | |
| Height | 40 mm | | |
| Style | Round | | |
| Optic Material | HRPC | | |
| Holder Material | - | | |
| Fastening | - | | |
| Status | Production ready | | |

| Product number Description | C12597 1 | | |
|---|---|---|---|
| Family | Lenina | FWHM | 23 degrees |
| Type | Reflector | Efficiency | 90 % |
| LED | Unknown | cd/lm | 2.700 |
| Color | Metal | Gerber File | Available |
| Diameter | 74 mm | | |
| Height | 40 mm | | |
| Style | Round | | |
| Optic Material | PC | | |
| Holder Material | - | | |
| Fastening | - | | |
| Status | Production ready | | |

| Product number Description | C12598 1 | | |
|---|---|---|---|
| Family | Lenina | FWHM | 35 degrees |
| Type | Reflector | Efficiency | 90 % |
| LED | Unknown | cd/lm | 1.800 |
| Color | Metal | Gerber File | Available |
| Diameter | - | | |
| Height | - | | |
| Style | Round | | |
| Optic Material | PC | | |
| Holder Material | - | | |
| Fastening | - | | |
| Status | Production ready | | |

| Product number Description | C12599 1 | | |
|---|---|---|---|
| Family | Lenina | FWHM | 54 degrees |
| Type | Reflector | Efficiency | 87 % |
| LED | Unknown | cd/lm | 1.100 |
| Color | Metal | Gerber File | Available |
| Diameter | 74 mm | | |
| Height | 40 mm | | |
| Style | Round | | |
| Optic Material | PC | | |
| Holder Material | - | | |
| Fastening | - | | |
| 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.**

## GENERAL INFORMATION

- Product series especially designed & optimized for Unknown series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Reflector is made of aluminium coated PC (120 degrees of Celcius / 248 degrees of Fahrenheit) with protective lacquer (short term 100 degrees of Celcius / 212 degrees of Fahrenheit).