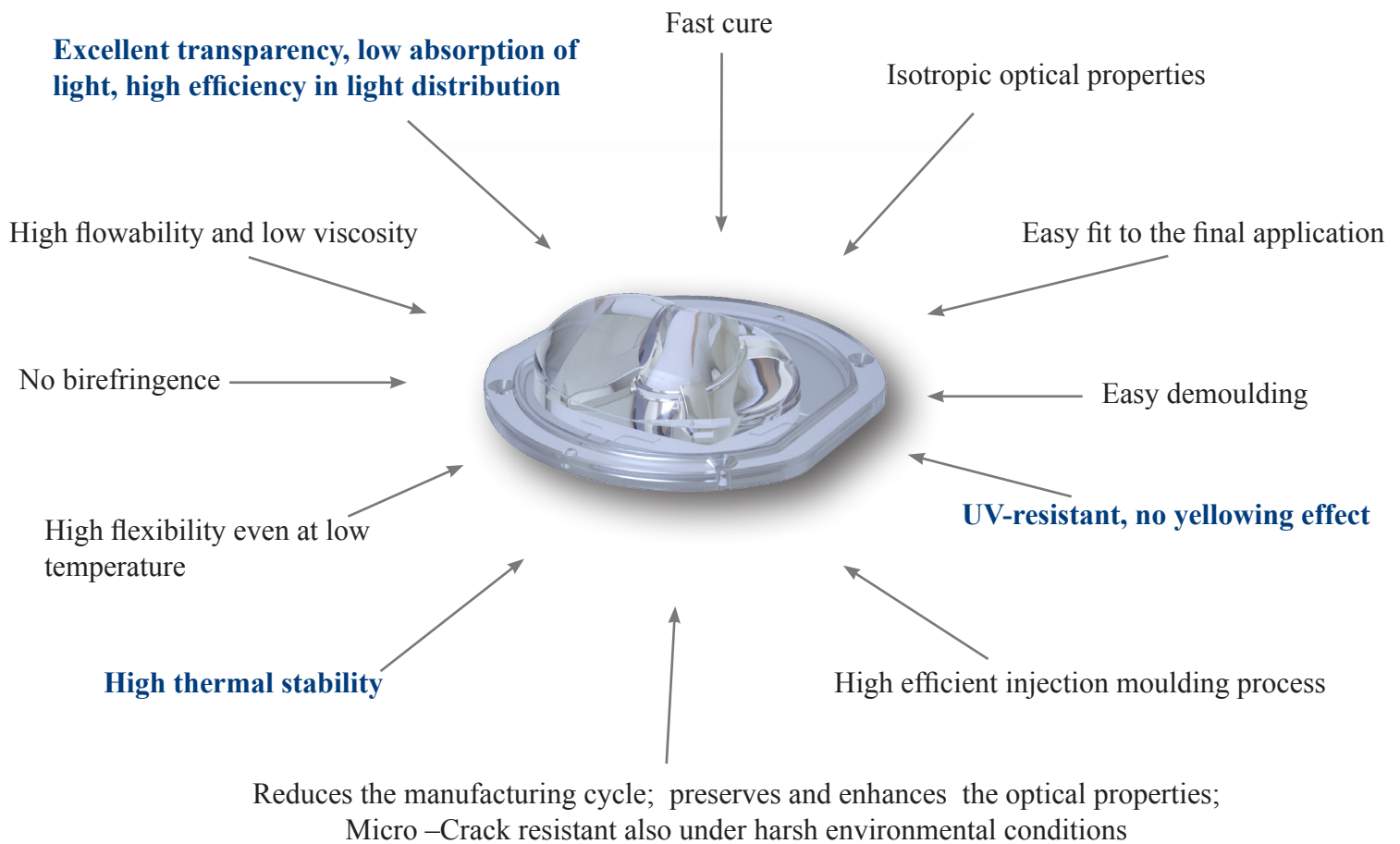


## SiO<sub>3</sub> Street Series

Ultra Clear Silicone Optic for High Brightness LEDs and COB LEDs.

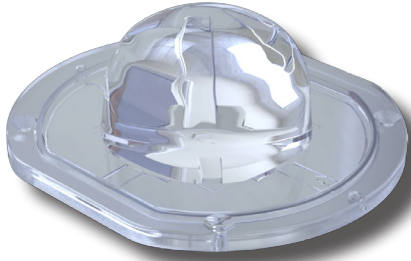


The LEDs of latest generation - High Brightness LEDs and COB LEDs – achieve very high temperatures which could put strain on the conventional polymers such as PMMI, PMMA and PC.

The typical features of silicone make SiO<sub>3</sub> silicone lenses perfect for outdoor applications or indoor applications in damp and wet environments:

- High temperature resistant; considerably reduce the yellowing effect.
- NO need for extra protection: glass or gasket for IP.
- As an isotropic material, silicone provides SiO<sub>3</sub> silicone lenses with high flexibility allowing easy fit to the final application.
- As an elastomer, silicone provides SiO<sub>3</sub> silicone lenses with an excellent compensation capability that well meets the requirements of construction mechanical tolerances in the final application.

## PL1824SR - Type V



- Lenses Material = SILICONE
- Ring Material = PC
- ~ 60°
- The light spots here represented refer to tests carried out with CoBs with 23mm LES, ~5225lm

