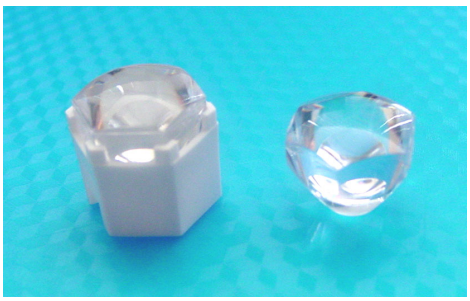
Polymer Optics Ltd.

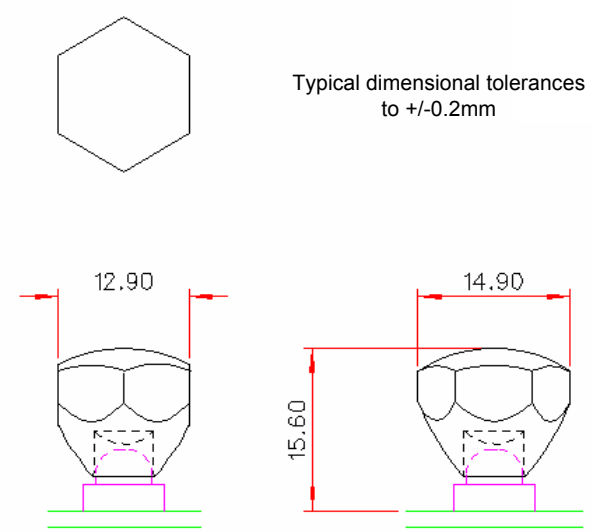
6 Kiln Ride, Wokingham,
Berks., RG40 3JL, England
Tel/Fax: +44 (0) 1189 893341
www.polymer-optics.co.uk

Our Focus is in Plastics

Single Cell LED Concentrator Lens - Part No. 141

- **Designed for Seoul Semiconductor Z Power P3 and P4 Emitter and Star LED's**
- **High light collection efficiency of >85%**
- **Precision moulded in optical grade Polycarbonate for thermal stability and system durability**
- **Part of the Polymer Optics "Modular LED Optics"® range**





Polymer Optics "Modular LED Optics"® design, based on a hexagonal format, allows maximum packing density and assembly flexibility

Holder (Part No. 155) available for mounting optics onto the P3 and P4 High Power LED package.

Please refer to POL's "Seoul Semiconductor LED Optic Product Range" brochure to determine the best optical function for your product application.

Due to continuous product improvement, POL reserve the right to change specifications without notice.

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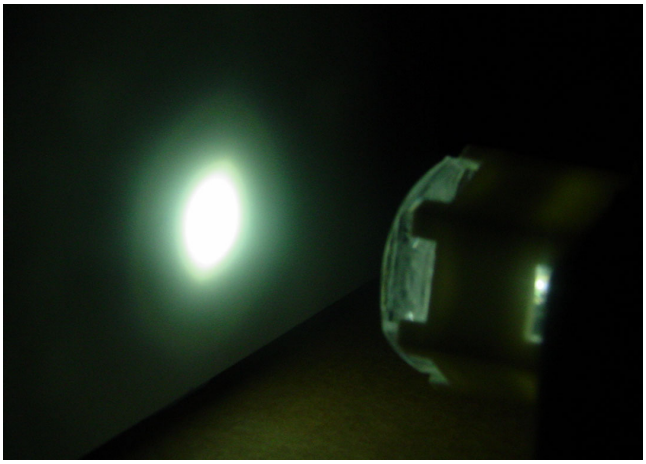

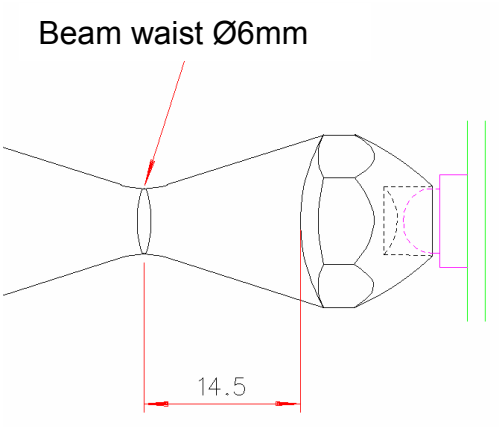

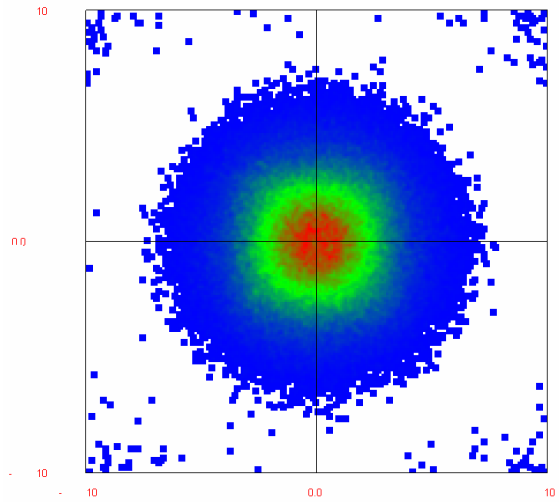

Raytrace Simulation of Typical Beam at 14.5mm on a 20mm x 20mm target with 1W 25 lumen White LED

Typical Applications:

- **Beam insertion into optical fibre bundles**
- **Beam insertion into edge of lightguides**
- **High intensity illumination of small objects for inspection and microscopy**

Typical focused beam intensity at the 6mm aperture is >850,000 lux

Performance values given are typical values and will vary dependant on LED binning, colour and drive profile