



**Polymer  
Optics  
Limited**

*Our Focus is in Plastics*

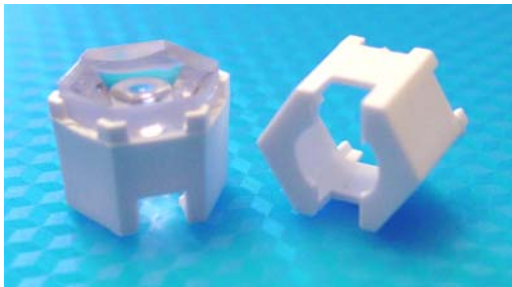
**Polymer Optics Ltd.**

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www.polymer-optics.co.uk

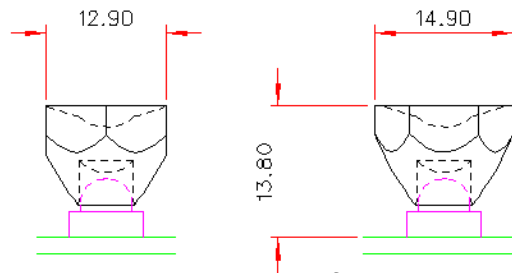
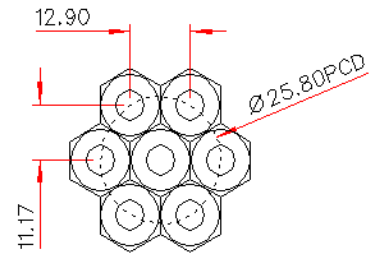
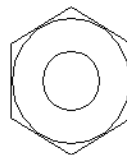
**+/-15 Degree (30Deg) LED Collimator Lens - Part No. 201**



- Designed for LUXEON® I, III and K2 LEDs
- High light collection efficiency of >85%
- Suitable for all LUXEON® “Lambertian” and “Bat-wing” LED designs
- Precision moulded in optical grade Polycarbonate for thermal stability and system durability
- Part of the Polymer Optics “Modular LED Optics”® range



Typical dimensional tolerances  
to +/-0.2mm



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

**Holder (Part No. 121) available for mounting optics onto LUXEON® I Star or LUXEON® Emitter PCB’s**

**Star Holder (Part No. 128) available for LUXEON® III Star formats only.**

**K2 Holder (Part No. 151) available for LUXEON® K2 LED range.**

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

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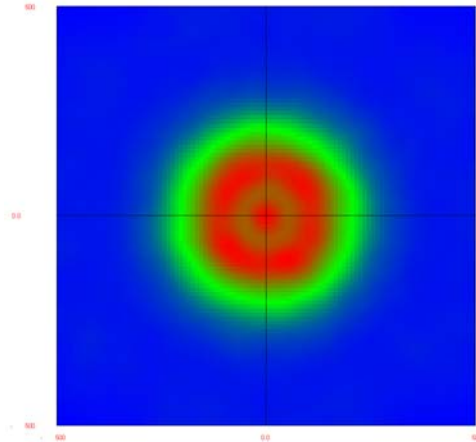


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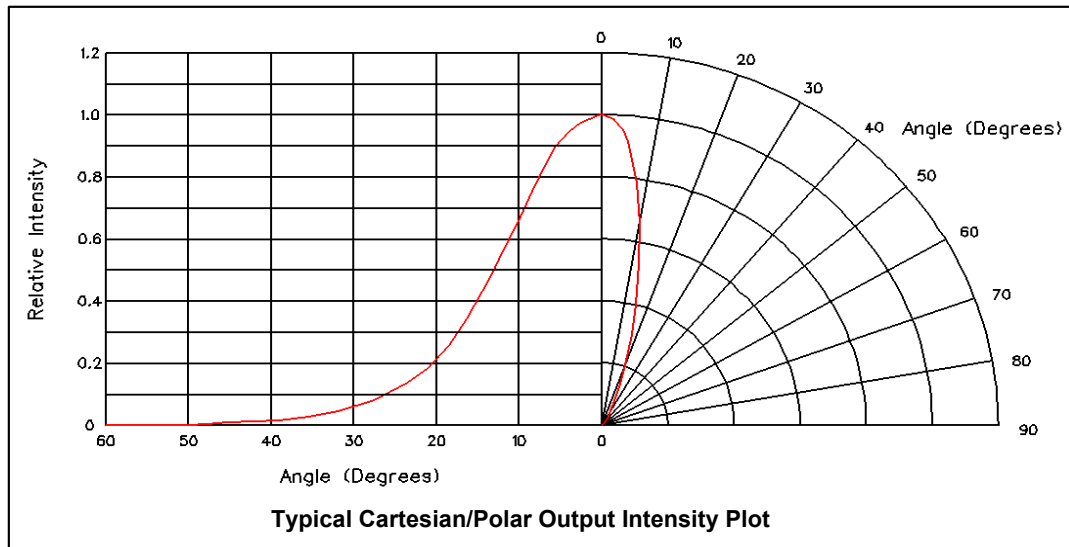
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Raytrace Simulation of Typical Beam at 1m with 1W White LED



Typical illuminance values using 25 lumen white LUXEON® I Emitter = 9.6cd/lumen

Range	0.5m	1m	2m
Illuminance	960 lux	240 lux	60 lux

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