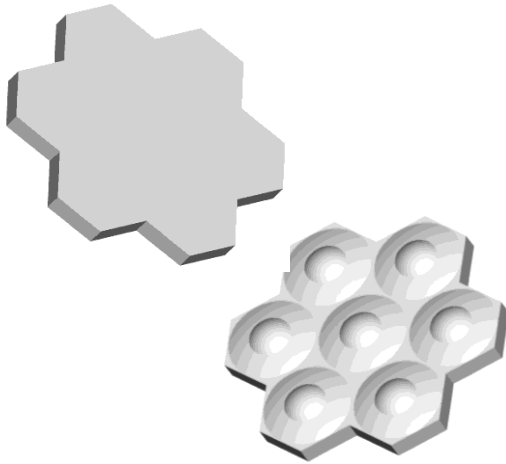
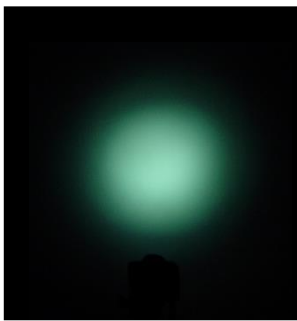


7 Cell Cluster Zoom Optic - Part No. 130



- Designed for High Power Lambertian LED sources
- 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



6° Position



Mid Position



Wide Angle Position

Typical illuminance values using 7 x 1W 25 lumen white Luxeon LED				
Range	0.5m	1.0m	2.0m	Cd/lumen
Narrow Field Angle	9100	2275	565	13
Mid Field Angle	2800	700	175	4
Wide Field Angle	1400	350	87	2

- In order to determine if the particular beam properties and performance of this optic are suitable for your application with your chosen LED type, POL suggests that you obtain samples from POL or their distributors for your own product testing, as properties may vary with different LED types.

Performance values given are typical values and will vary dependent on LED type, binning, colour and drive profile.

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

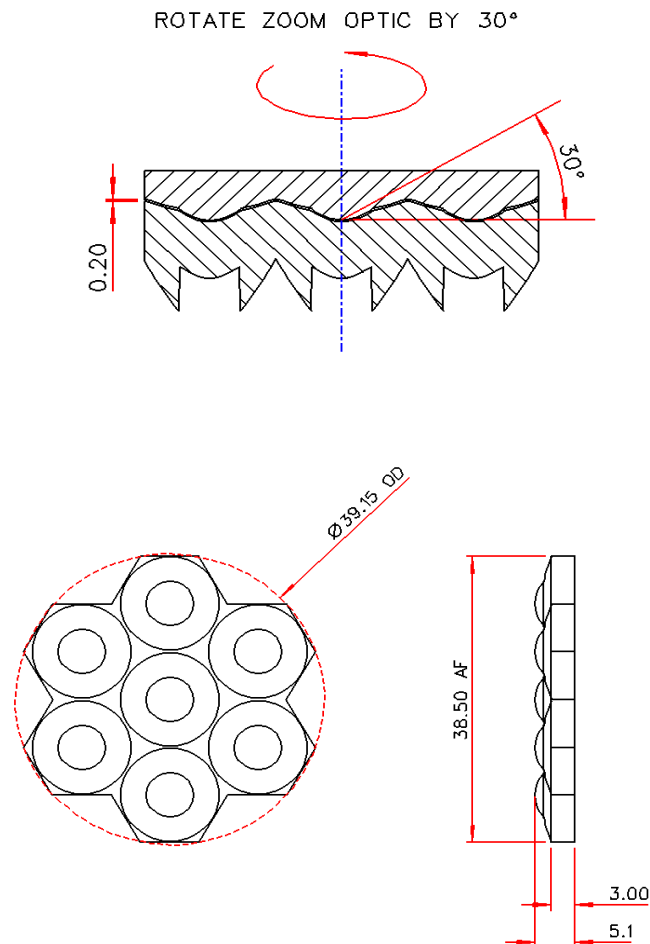
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7 Cell Cluster Zoom Optic - Part No. 130

Variable zoom capability from 12 degrees to 90 degree FWHM

Used with Part No. 125 or 262, the Zoom optic simply requires to be rotated on a coarse thread action.

The initial 12 degree beam is achieved with the Zoom Optic nested on the base optic with a 0.2mm separation. The Zoom property is achieved by rotating the Zoom Optic about its axis on a thread angle of 30 degrees, by up to 30 degrees rotation. This equates to a thread pitch of 45mm per turn, or 0.6 turns per inch (TPI).



Performance values given are typical values and will vary dependent on LED type, binning, colour and drive profile.

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