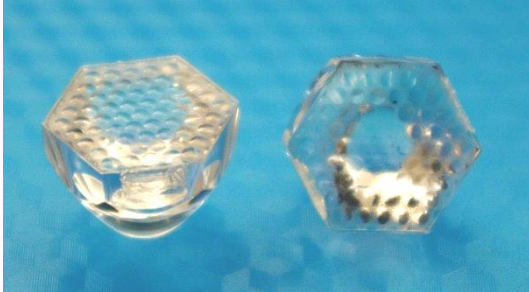
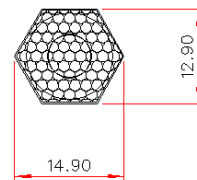


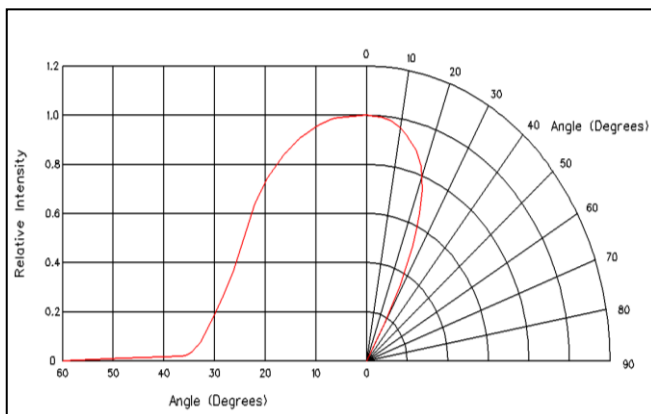
## Wide Beam Multi-lens Collimator Lens - Part No. 273



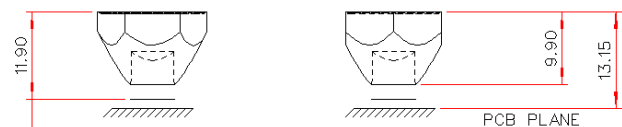
- Designed for High Power Lambertian LED sources with deeper package constructions, such as Cree XR-E
  - High light collection efficiency of >85%
  - Precision moulded in optical grade Polycarbonate for thermal stability and system durability
  - Part of the Polymer Optics “Modular LED Optics”® range
  - Polymer Optics “Modular LED Optics”® design, based on a hexagonal format, allows maximum packing density and assembly flexibility
- POL optics are supplied pre-assembled into the appropriate holder to suit your chosen LED package and are ordered by part number 273/xxx, where xxx is the required holder part number.



Typical dimensional tolerances to +/-0.2mm



Typical Cartesian/Polar Output Intensity Plot with 1mm die size high Power LED



TYPICAL POSITION OF EFFECTIVE SOURCE.  
CORRECT MOUNTING HEIGHT DEFINED BY  
POL HOLDER TO SUIT LED

Typical peak illuminance with a 1mm die size Lambertian high power LED = 3cd/lumen

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.

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

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