Polymer Optics Limited

Our Focus is in Plastics

Polymer Optics Ltd.

6 Kiln Ride, Wokingham,
Berks., RG40 3JL, England
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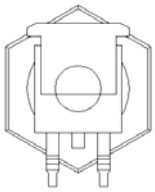
www.polymer-optics.co.uk

Narrow Angle Collimator for Avago Moonstone LEDs - Part No. 170

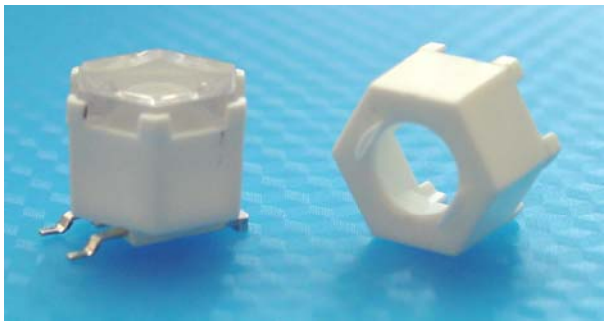
- **Designed for Avago Moonstone High Power LED's**
- **High light collection efficiency of >85%**
- **Precision moulded in optical grade Polycarbonate for thermal stability and system durability**
- **Part of the Polymer Optics "Modular LED Optics"® range**

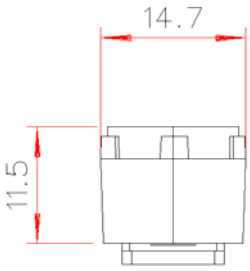
Supplied with Holder (Part No. 182) to mount optics directly on to the Moonstone LED.

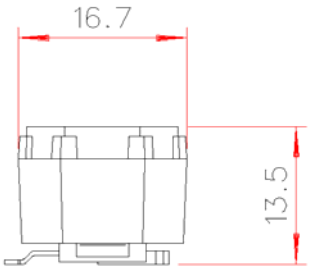
Holder locates on LED package to ensure correct optical alignment

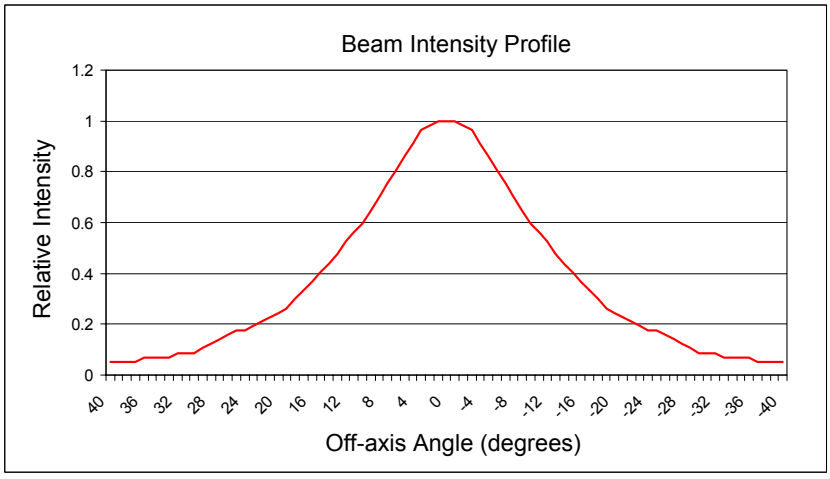


Typical dimensional tolerances to +/-0.2mm









The 170 Narrow Angle Collimator can be used with both Standard and Diffuse Moonstone LEDs.

With Standard Moonstone LEDs the 170 optic may highlight some colour separation and imaging effects of the LED die, so is best used with the Diffuse package LED type.

However, the 186 Diffuse Narrow Angle Collimator optic gives an improved performance with all Moonstone LED types.

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

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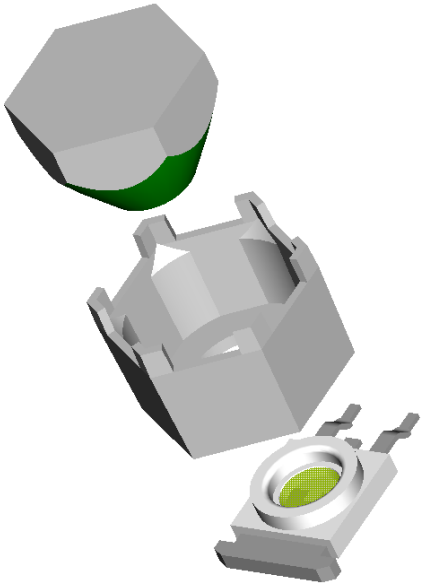
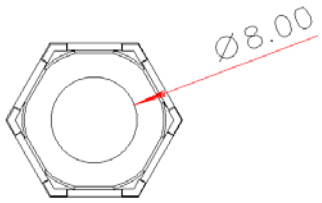
Lens Holder for Avago Moonstone LEDs - Part No. 182

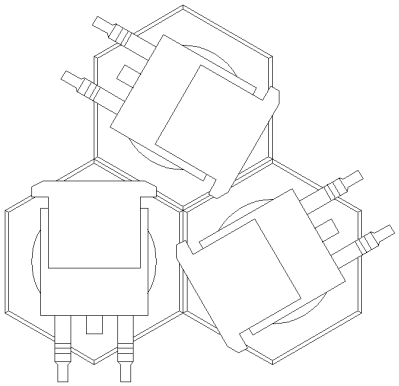


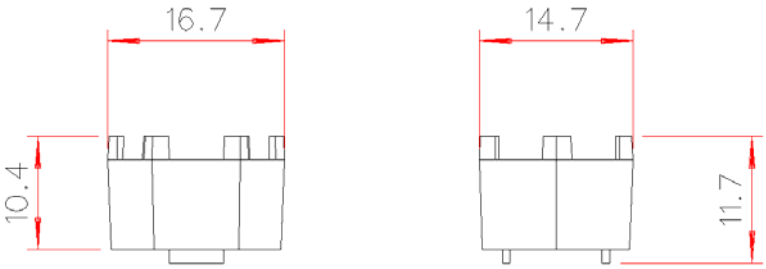
- **Designed for use with Polymer Optics "Modular LED Optics" ® and custom Polymer Optics designs**
- **Designed for Avago Moonstone High Power LED's**
- **High light collection efficiency of >85%**
- **Precision moulded in optical grade Polycarbonate for thermal stability and system durability**
- **Part of the Polymer Optics "Modular LED Optics"® range**

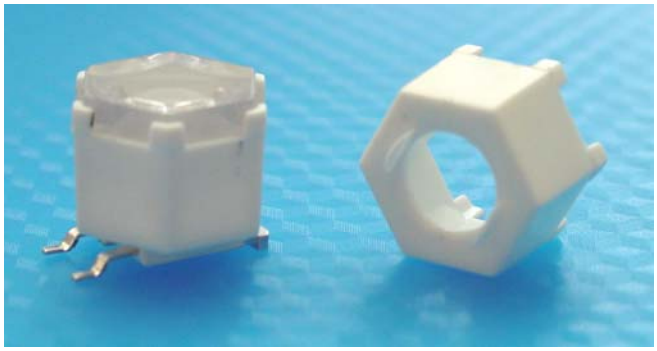


Typical dimensional tolerances to +/-0.2mm

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







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