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

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Polymer Optics “Modular LED Optics”® design, based on a hexagonal format, allows maximum packing density and assembly flexibility. Arrays of single colour or colour mixed cells can be easily constructed using the POL Hybrid Reflector Optics range.

The 305 Reflector Optic base is designed to fit over the LED package to align to the LED source.

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.

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Registered in England No. 3593960 VAT Registration No. 711 1407 90
30mm Reflector Collimator - Part No. 305

The POL 305 optic’s narrow, high intensity beam is ideal for demanding applications, such as:

- Mining and caving lamps
- Under water lamps and torches
- Architectural spot lights
- Theatrical lights and follow-spots
- High performance torches
- High level flood lights
- Street lights
- Medical lighting applications

Typical illuminance values using 600 lumen LED = 7 cd/lumen

<table>
<thead>
<tr>
<th>Range</th>
<th>0.5m</th>
<th>1m</th>
<th>2m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Illuminance</td>
<td>16800 lux</td>
<td>4200 lux</td>
<td>1050 lux</td>
</tr>
</tbody>
</table>

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30mm Reflector Beam Converters in the Polymer Optics range:

265 – Medium Beam Converter

266 – Wide Beam Converter

267 – Elliptical Beam Converter

365 – Diffuse Beam Converter

Product Numbering:

The Reflector Converter optics are simply ordered with the required 30mm Reflector optic product, chosen from the POL range, to suit the target LED device.

The required Reflector Converter part number is simply prefixed to the base 30mm Reflector variant. So, for example, if ordering the basic POL 305 - 30mm Reflector with the 267 – Elliptical Beam Converter, the product part number will be 267/305.

Please see the entire range of POL 30mm Reflector Optic products for options, or enquire to POL for further information.

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