LUMILEDS LUXEON®
20mm LENSES AND HOLDERS

FEATURES / BENEFITS
△ For LUXEON I
△ Available in spot, medium, wide and oval lenses
△ Snap-in optics
△ Greater than 85% efficiency

OPERATING CONDITIONS
△ 105°C max temperature

MATERIALS/FINISH
△ Lenses are optical grade PMMA acrylic
△ Holders are made of durable polycarbonate

MECHANICAL DIMENSIONS

ORDERING INFORMATION

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<th>HOLDERS</th>
<th>Dialight P/N</th>
<th>Reference P/N</th>
<th>Description</th>
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</thead>
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<tr>
<td>OHES1WH</td>
<td>OH-ES1-WH</td>
<td>LUXEON I, III, V &amp; Star I - Direct PCB Mount (White)</td>
<td></td>
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<tr>
<td>OHES1BK</td>
<td>OH-ES1-BK</td>
<td>LUXEON I, III, V &amp; Star I - Direct PCB Mount (Black)</td>
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<table>
<thead>
<tr>
<th>LENS</th>
<th>Dialight P/N</th>
<th>Reference P/N</th>
<th>Description</th>
<th>Degree*</th>
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<tr>
<td>OP005</td>
<td>OP-005</td>
<td>Spot Lens</td>
<td>5°</td>
<td></td>
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<tr>
<td>OP015</td>
<td>OP-015</td>
<td>Medium Lens</td>
<td>15°</td>
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<td>OP025</td>
<td>OP-025</td>
<td>Wide Lens</td>
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<tr>
<td>OP520</td>
<td>OP-520</td>
<td>Oval Lens</td>
<td>5° X 20°</td>
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</tbody>
</table>

*All angles refer to half divergence
PHOTOMETRIC DATA

Spot Lens

Typical half-angle divergence 5º when using LUXEON I Cool White

Medium Lens

Typical half-angle divergence 15º when using LUXEON I Cool White

Wide Lens

Typical half-angle divergence 25º when using LUXEON I Cool White

Oval Lens

Typ. half-angle divergence 5º X 20º LUXEON I Cool White

Horizontal

Vertical

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