LXP-G LENSES FOR CREE XP-G LEDs

- Specially designed for Cree XLAMP XP-G series of LEDs.
- Special care taken to make a uniform white or warm white illumination. Lenses work well with other colors, too.
- Lens material optical grade PMMA. Allows use of high current and temperature conditions
- Best available optical efficiency, more than 90%, with an extremely good cutoff of light
- Fastening to heat sink with a PU foam adhesive tape of automotive grade

LENS TYPES

<table>
<thead>
<tr>
<th>NAME</th>
<th>ORDERING CODE</th>
<th>FWHM Angle</th>
</tr>
</thead>
<tbody>
<tr>
<td>LXP-G REAL SPOT</td>
<td>FA10661_LXP-G-RS</td>
<td>±5.5°</td>
</tr>
<tr>
<td>LXP-G DIFFUSER</td>
<td>FA10663_LXP-G-D</td>
<td>±7.5°</td>
</tr>
<tr>
<td>LXP-G MEDIUM</td>
<td>FA10660_LXP-G-M</td>
<td>±13°</td>
</tr>
<tr>
<td>LXP-G OVAL</td>
<td>FA11116_LXP-G-O-90</td>
<td>±19° x ±10.5°</td>
</tr>
<tr>
<td>LXP-G RECTANGULAR</td>
<td>FA10662_LXP-G-REC</td>
<td>±19° x ±11.5°</td>
</tr>
<tr>
<td>LXP-G WIDE</td>
<td>FA10832_LXP-G-W</td>
<td>±23°</td>
</tr>
</tbody>
</table>

EULUMDAT & IES FILES AVAILABLE BY REQUEST
Relative Intensity of FA10661_LXP-RS
Relative Intensity of FA10660_LXP-M
Relative Intensity of FA11116_LXP-O-90

---

© Ledil Oy – PRELIMINARY - Subject to change without prior notice

Ledil Oy  www.ledil.com
Tehdaskatu 13  email: ledil@ledil.com
FIN-24100  SALO, Finland  FAX: +358-2-733 8001  2009-11-30
Relative Intensity of FA10662_LXP-REC

- 0 %
- 50 %
- 75 %
- 100 %

- 50 -40 -30 -20 -10 0 10 20 30 40 50

- 50 40 30 20 10 0 -10 -20 -30 -40 -50

- Relative Intensity of FA10662_LXP-REC
- Vertical

© Ledil Oy – PRELIMINARY - Subject to change without prior notice

Ledil Oy
Tehdaskatu 13
FIN-24100 SALO, Finland
www.ledil.com
email: ledil@ledil.com
FAX: +358-2-733 8001
2009-11-30
Relative Intensity of FA10832_LXP-W
**DRAWINGS**

**Bottom view**

**Side view**

**Top view**

**Tape 0.2mm**

**MATERIALS**

Lens: PMMA

Holder: PC