TINA-TAPE lenses for CREE XP-E LEDs

- Designed & optimized for Cree’s XP-E series of LEDs
- Lens material optical grade PMMA with high UV and temperature resistance (130°C/220°F). Allows use of high current and temperature conditions
- Best available optical efficiency, over 90%, with an extremely good cutoff of light
- Fastening to heat sink with a PU foam adhesive tape of automotive grade (included)
- Compact dimensions 16.1 x 10.1 mm.

LENS TYPES

<table>
<thead>
<tr>
<th>NAME</th>
<th>ORDERING CODE</th>
<th>FWHM Angle</th>
</tr>
</thead>
<tbody>
<tr>
<td>TINA-XP REAL SPOT</td>
<td>FA10887_Tina-XP-RS</td>
<td>±5.5</td>
</tr>
<tr>
<td>TINA-XP DIFFUSER</td>
<td>FA10644_Tina-XP-D</td>
<td>±6.5°</td>
</tr>
<tr>
<td>TINA-XP MEDIUM</td>
<td>FA10645_Tina-XP-M</td>
<td>±15°</td>
</tr>
<tr>
<td>TINA-XP WIDE</td>
<td>FA10838_Tina-XP-W</td>
<td>±20°</td>
</tr>
<tr>
<td>TINA-XP OVAL</td>
<td>FA11200_Tina-XP-O</td>
<td>±17° x ±7°</td>
</tr>
</tbody>
</table>
MEASUREMENTS

TINA-XP-RS

Relative Intensity of FA10887-Tina-XP-RS

TINA-XP-D

Relative Intensity of Tina-XP-D
Relative Intensity of Tina-XP-M

Relative Intensity of FA10838_Tina-XP-W
Relative Intensity of FA11200_Tina-XP-O

- Relative Intensity of FA11200_Tina-XP-O
- FA11200_Tina-XP-O_Vertical