

## Boom reflector for Cree's MC-E series of LEDs



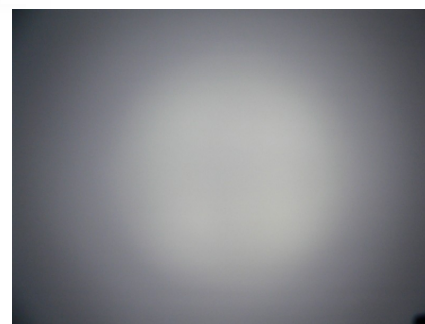
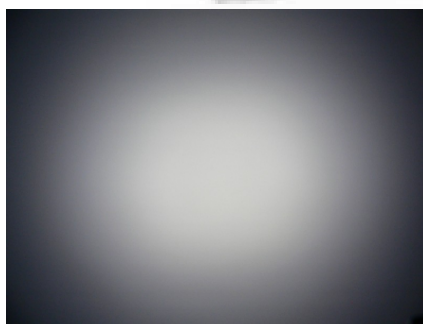
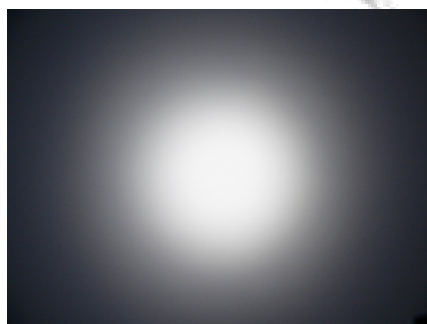
www.cree.com



- Specially designed for Cree's MC-E 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 metallized ABS. Allows use of high current and temperature conditions
- Best available optical efficiency, up to 90%.

## LENS TYPES

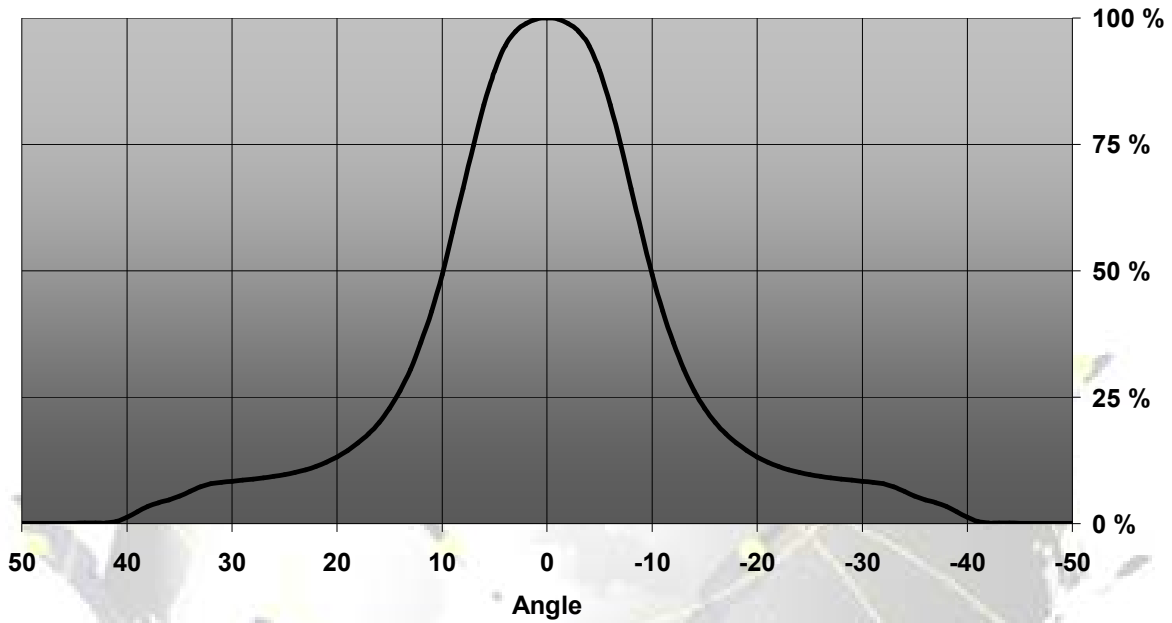
| NAME      | ORDERING CODE         | FWHM Angle |
|-----------|-----------------------|------------|
| BOOM-MC-S | BOOM-MC-S (n. C10569) | ±10°       |
| BOOM-MC-M | BOOM-MC-M (n. C10570) | ±19°       |
| BOOM-MC-W | BOOM-MC-W (n. C10571) | ±24°       |



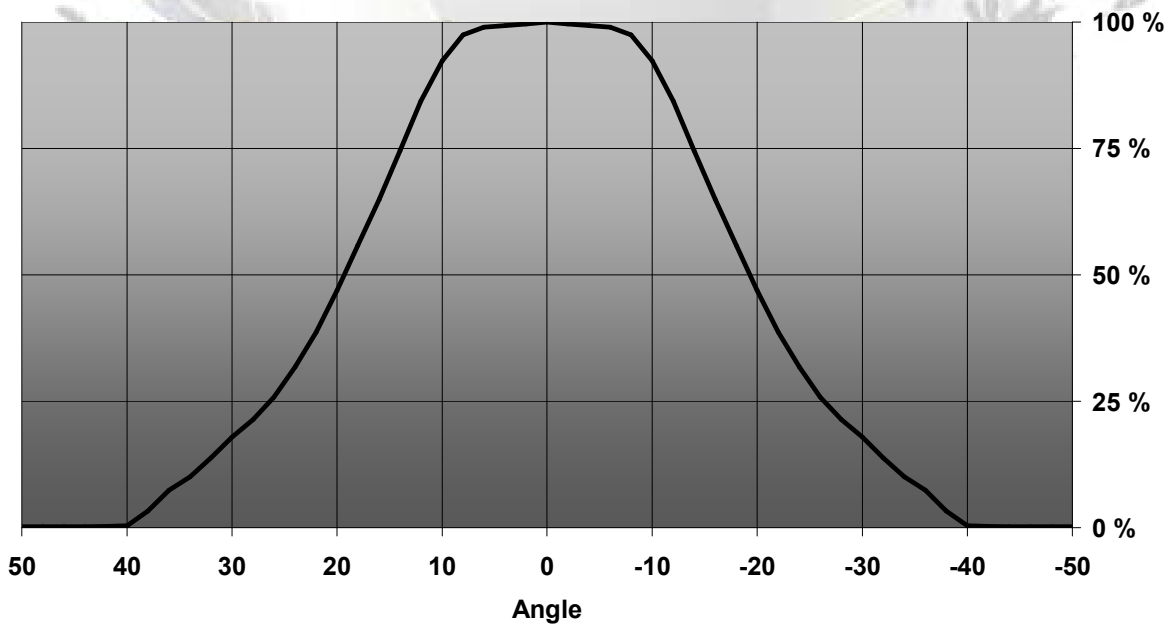
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## MEASUREMENT DATA

Relative Intensity of BOOM-MC-S

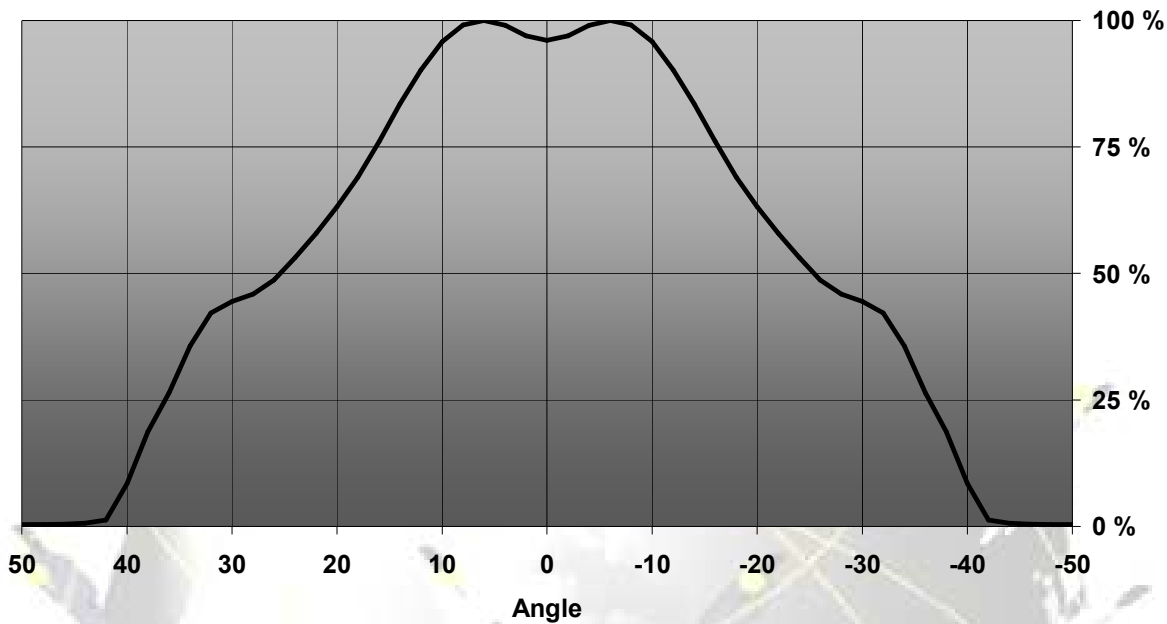


Relative Intensity of BOOM-MC-M



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Relative Intensity of BOOM-MC-W



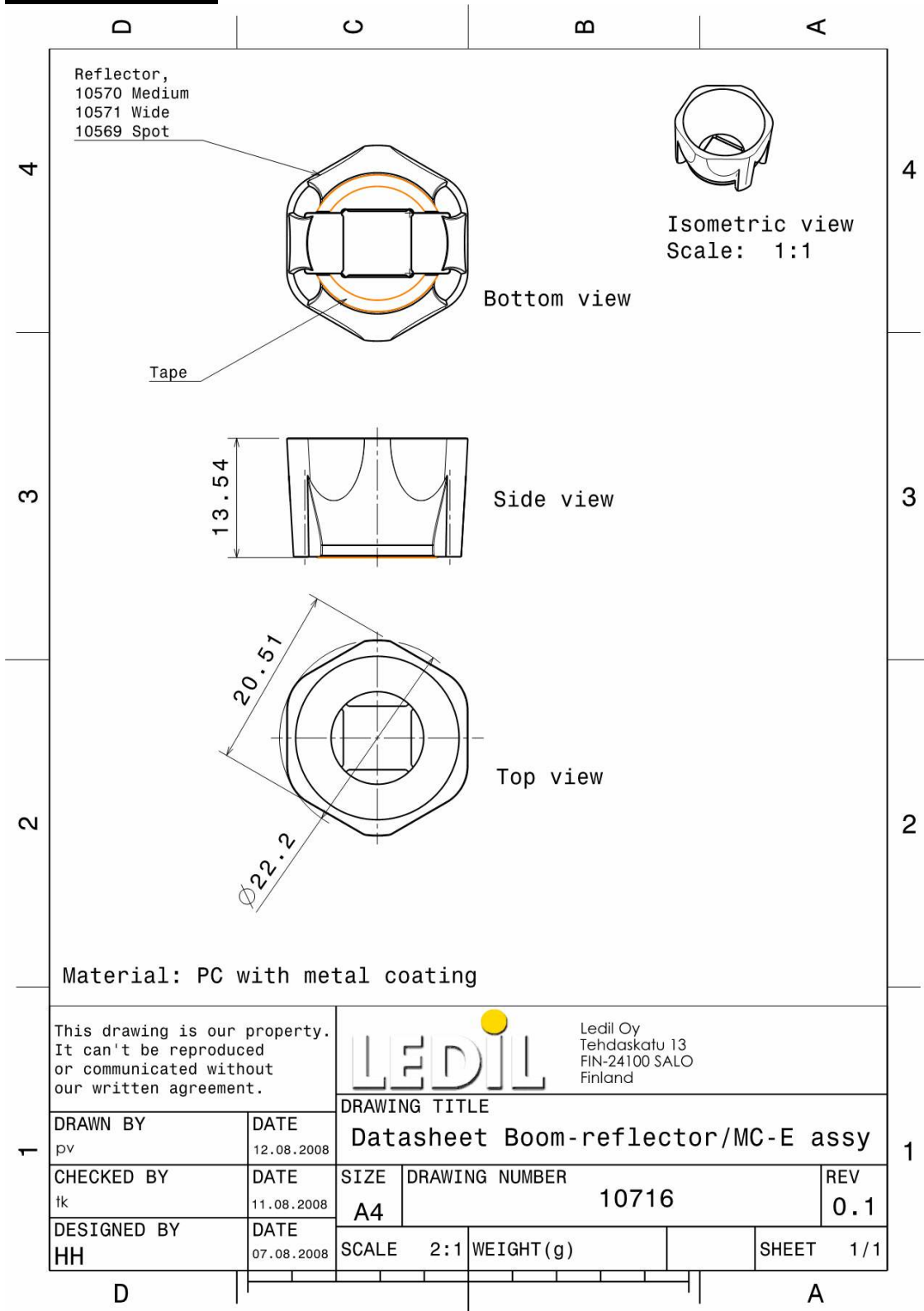
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## DRAWINGS



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|                   |                    |                    |   |              |  |
|-------------------|--------------------|--------------------|---|--------------|--|
| DRAWN BY<br>pv    |                    | DATE<br>12.08.2008 | DRAWING TITLE<br>Datasheet Boom-reflector/MC-E assy |              |  |
| CHECKED BY<br>tk  | DATE<br>11.08.2008 | SIZE<br>A4         | DRAWING NUMBER<br>10716                             | REV<br>0.1   |  |
| DESIGNED BY<br>HH | DATE<br>07.08.2008 | SCALE<br>2:1       | WEIGHT (g)  | SHEET<br>1/1 |  |

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