

RES SQUARE lenses for LUXEON Rebel LEDs



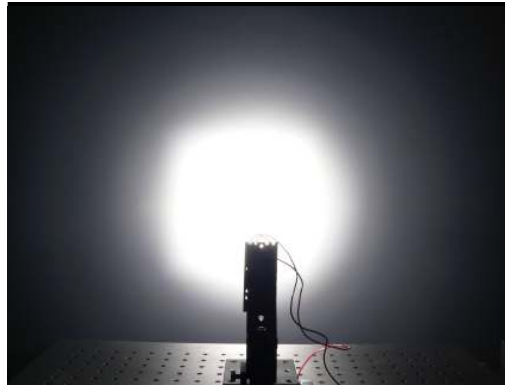
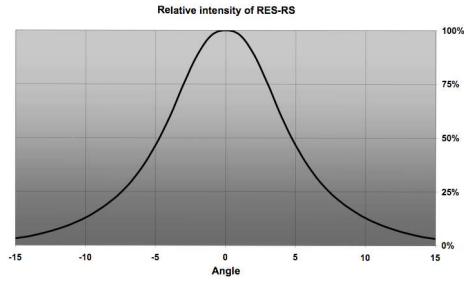
- Designed & optimized for Luxeon Rebel series of LEDs
- Lens material optical grade PC with high UV and temperature resistance (120°C/248°F). Allows use of high current and temperature conditions
- Best available optical efficiency, up to 90%, with an extremely good cutoff of light
- Integrated holder. Fastening to heat sink with a PU foam adhesive tape of automotive grade
- Please check fastening details from this link:
(http://www.ledil.com/datasheets/DataSheet_TAPE.pdf)
- Compact dimensions 21.6 x 21.6 mm. Square form enables easy build of matrix without any gaps between lenses.

LENS TYPES

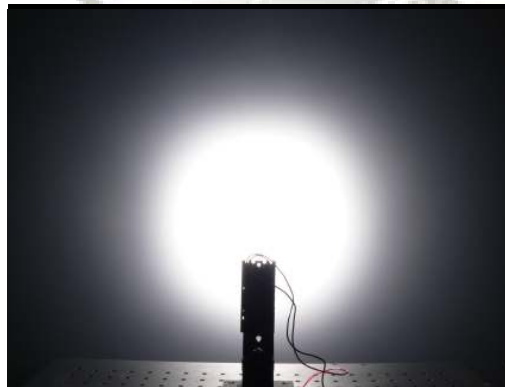
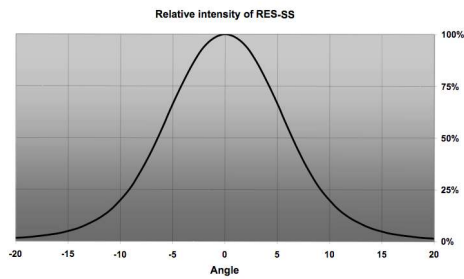
| NAME | ORDERING CODE | FWHM Angle |
|---------------------------|-------------------|------------|
| RE SQUARE REAL SPOT | FA10856_RES-RS | ±4° |
| RE SQUARE SMOOTH SPOT | FA10853_RES-SS | ±6° |
| RE SQUARE DIFFUSER | FA10852_RES-D | ±8° |
| RE SQUARE MEDIUM | FA10851_RES-M | ±15° |
| RE SQUARE WIDE | FA10855_RES-W | ±17° |
| RE SQUARE WIDE-V6 | FA11675_RES-W-V6 | ±27° |
| RE SQUARE OVAL | FA10854_RES-O | ±6° x ±23° |
| RE SQUARE OVAL turned 90° | 4FA11157_RES-O-90 | ±6° x ±23° |

MEASUREMENTS

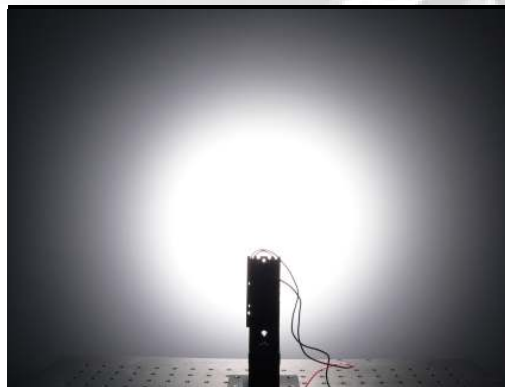
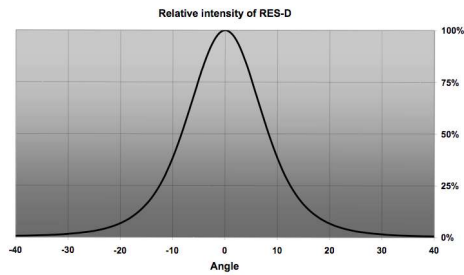
RES-RS



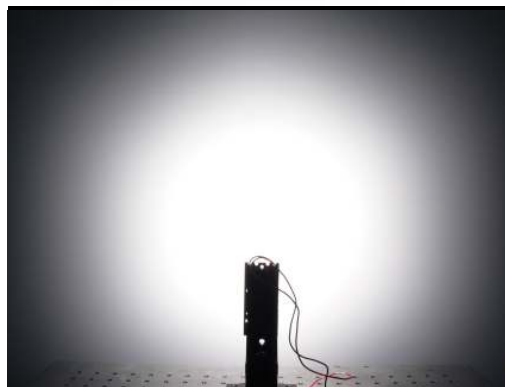
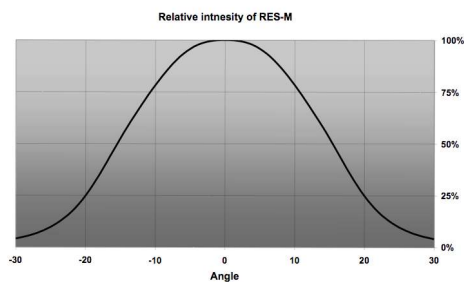
RES-SS



RES-D

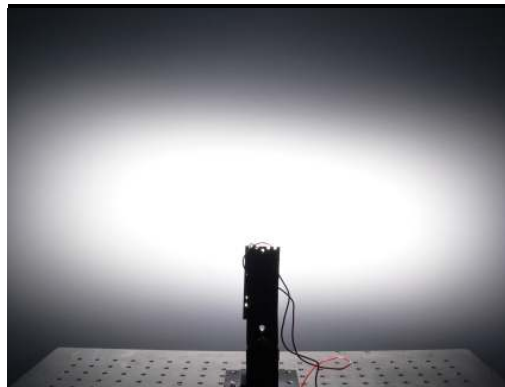
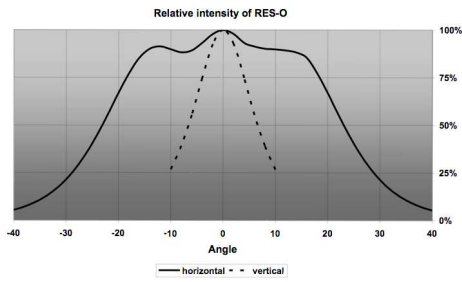


RES-M

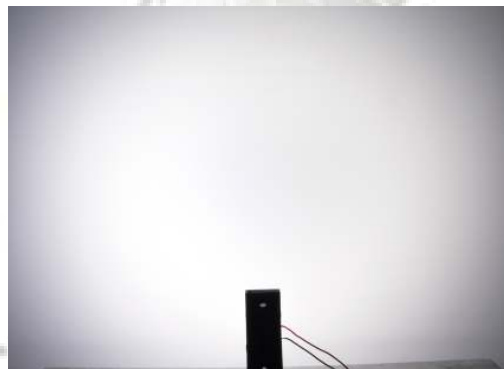
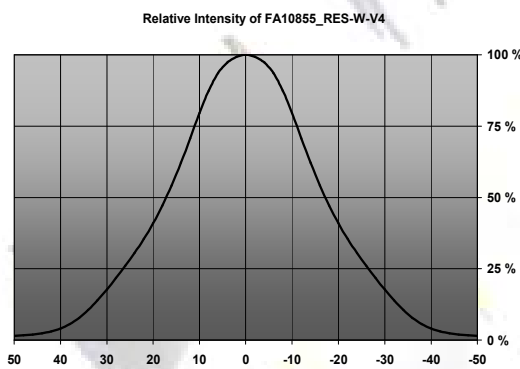


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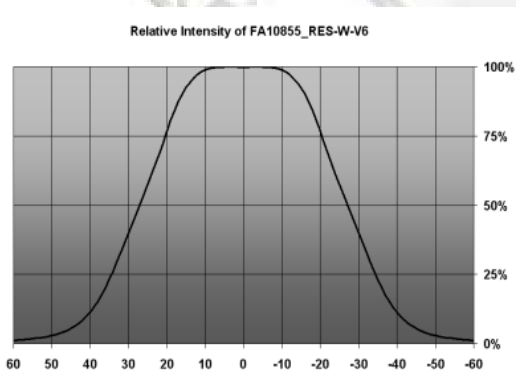
RES-O



RES-W-V4



RES-W-V6



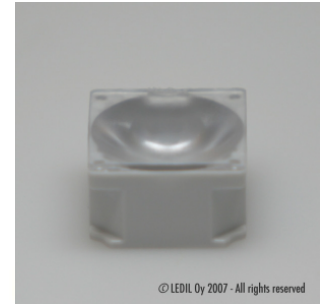
PHOTOS



RES-RS



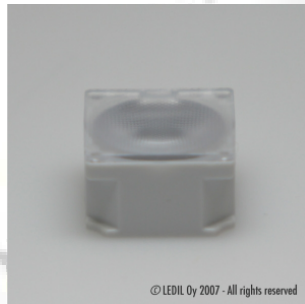
RES-SS



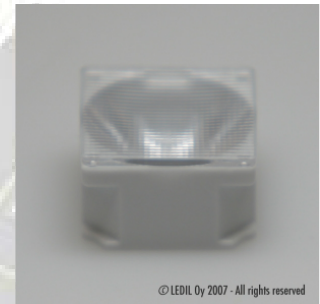
RES-D



RES-M

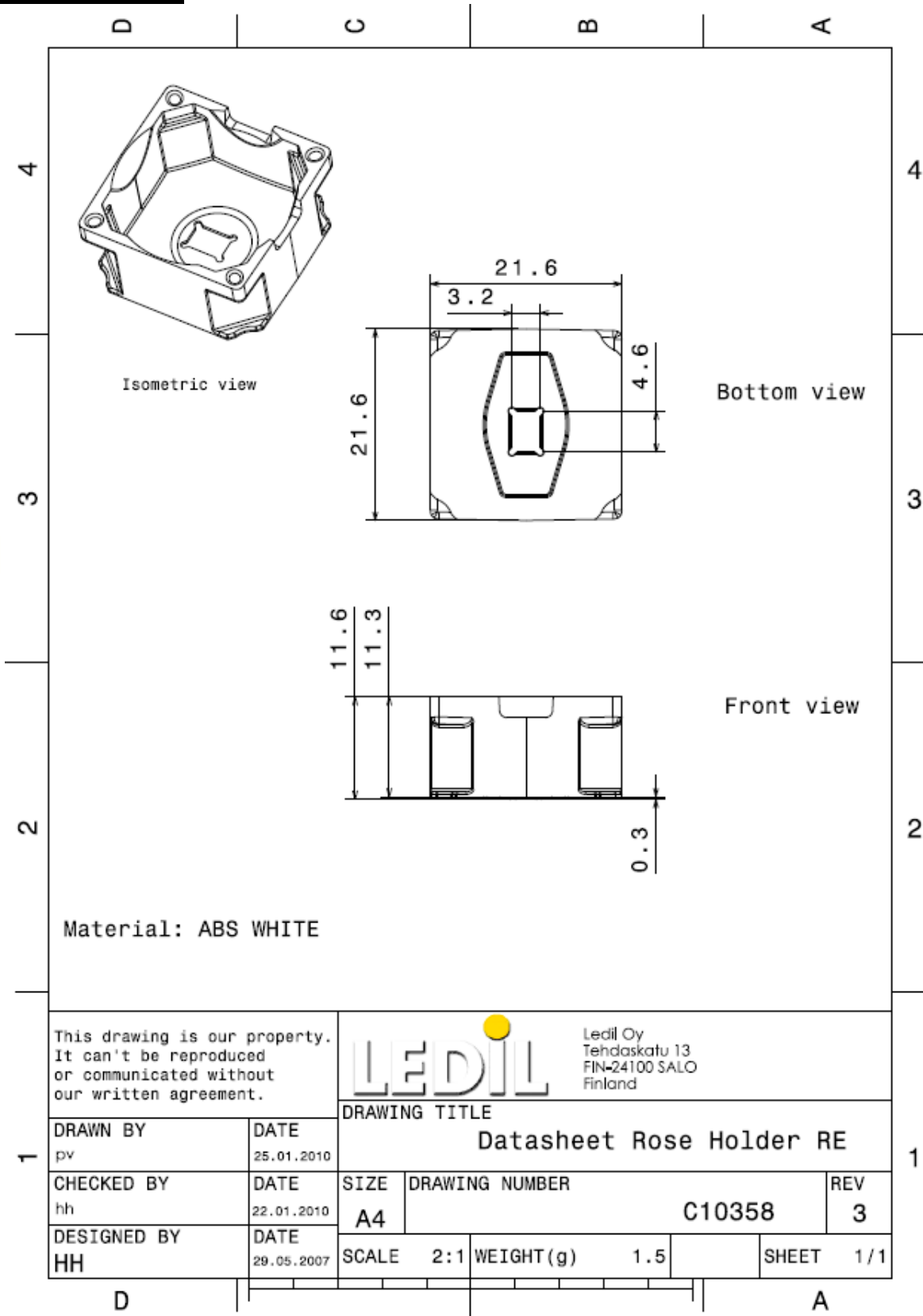


RES-W



RES-O

DRAWING



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