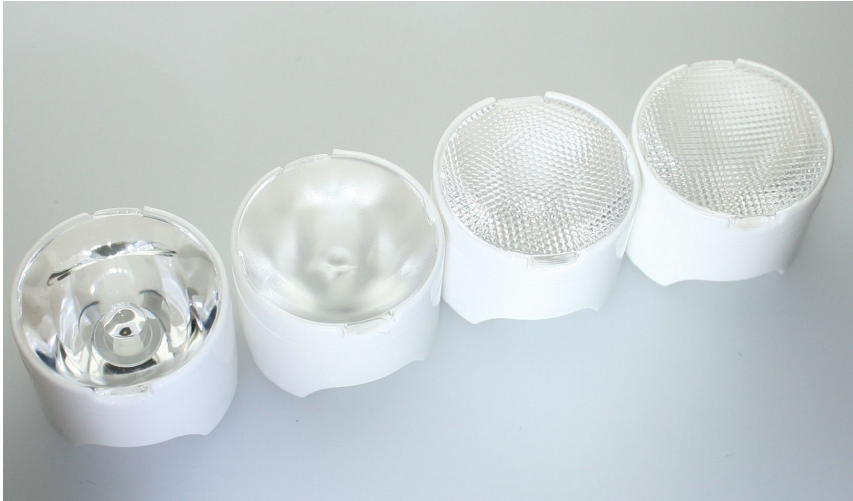


LD1 LENSES FOR OSRAM-OS DIAMOND DRAGON LEDs



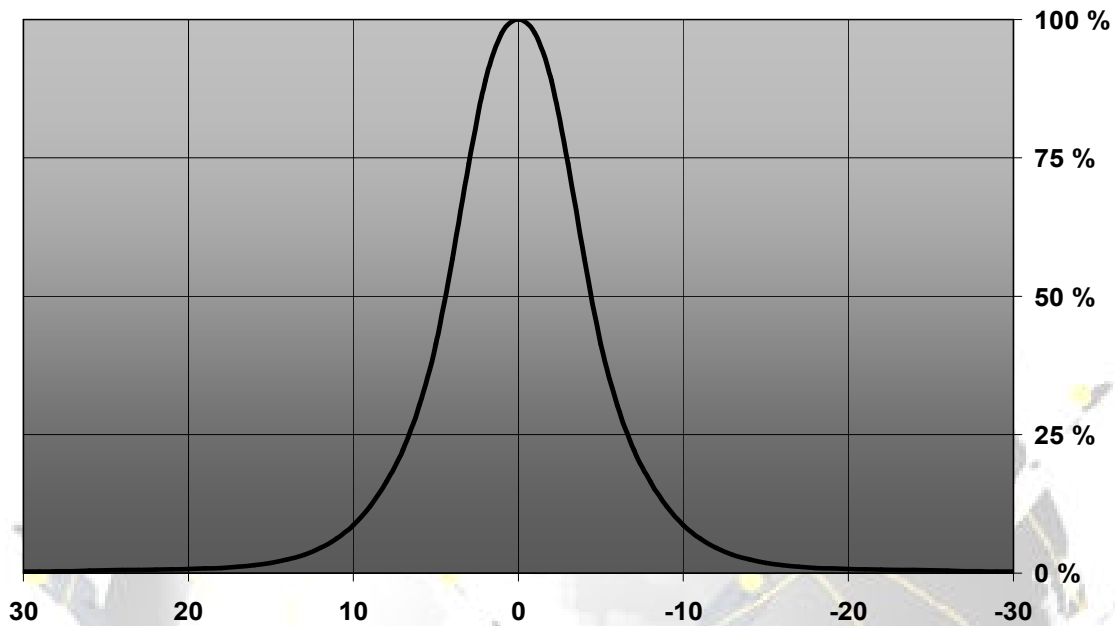
- Specially designed for Osram-os Diamond Dragon series of LEDs.
- Special care taken to make a uniform white or warm white illumination. Lenses work well with other colors, too.
- Lens material optical grade PMMA. Allows use of high current and temperature conditions
- Best available optical efficiency, more than 90%, with an extremely good cutoff of light
- Fastening of holden to PCB with appropriate adhesive, e.c. epoxy or polyurethane based. NOTE: DO NOT USE SUPERGLUE.

LENS TYPES

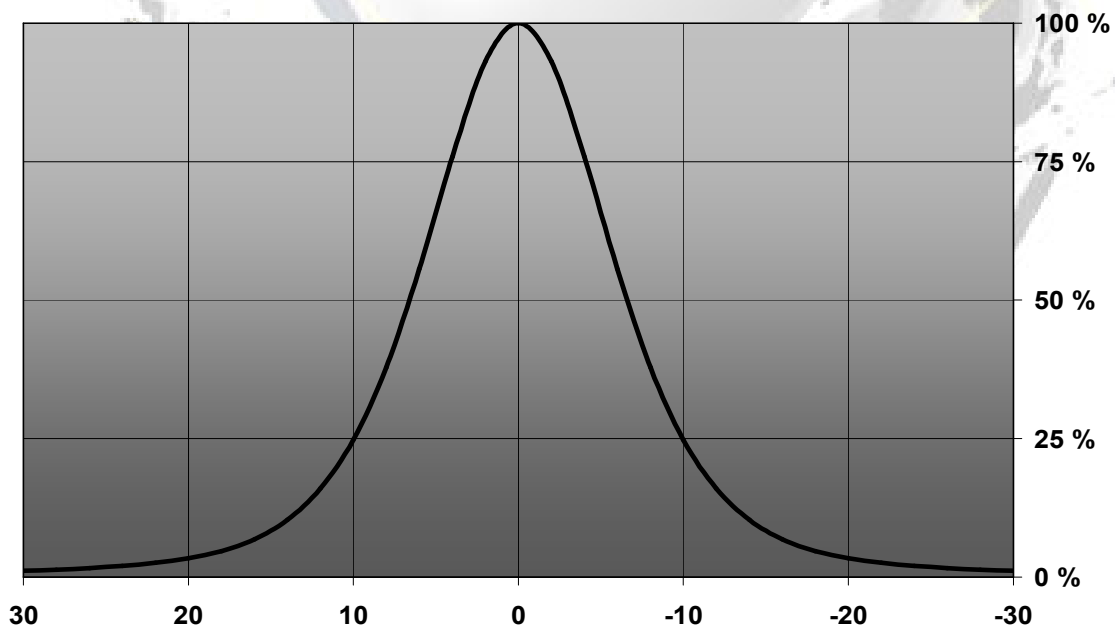
NAME	ORDERING CODE	FWHM Angle
LD1 REAL SPOT	FA10796_LD1-RS	±4
LD1 DIFFUSER	FA10798_LD1-D	±7
LD1 MEDIUM	FA10795_LD1-M	±12
LD1 OVAL	FA11107_LD1-O-90	coming soon
LD1 RECTANGULAR	FA10797_LD1-Rec	±20 x ±12

MEASUREMENT DATA

Relative Intensity of LD1-RS

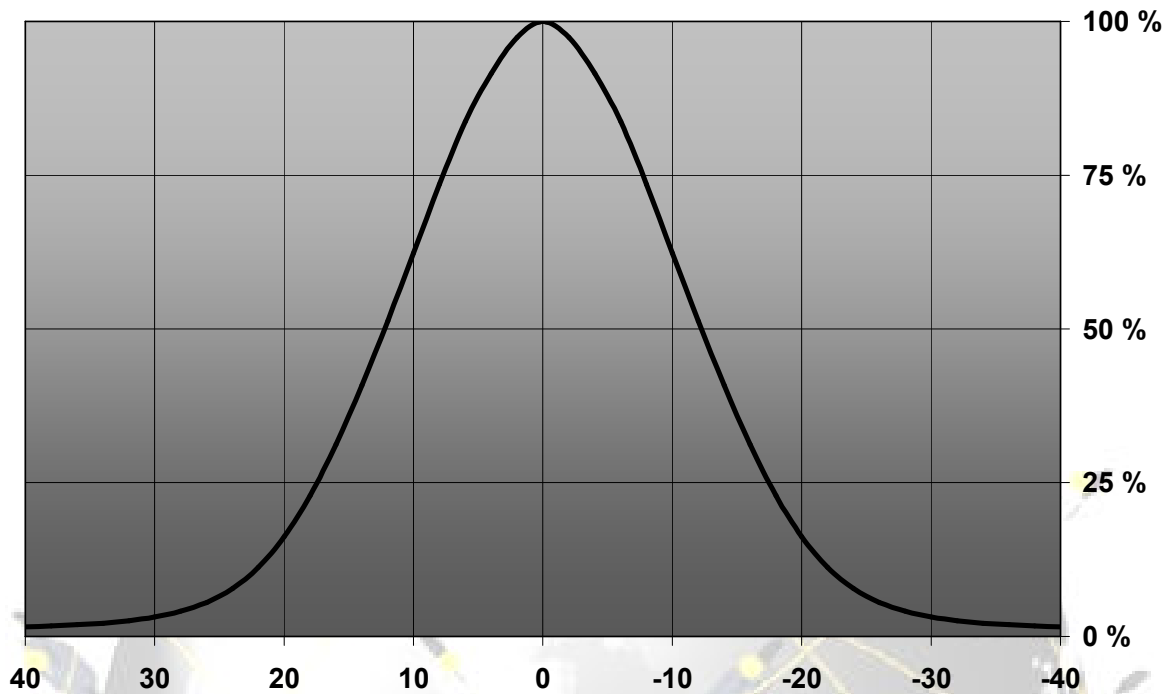


Relative Intensity of A10798_LD1-D

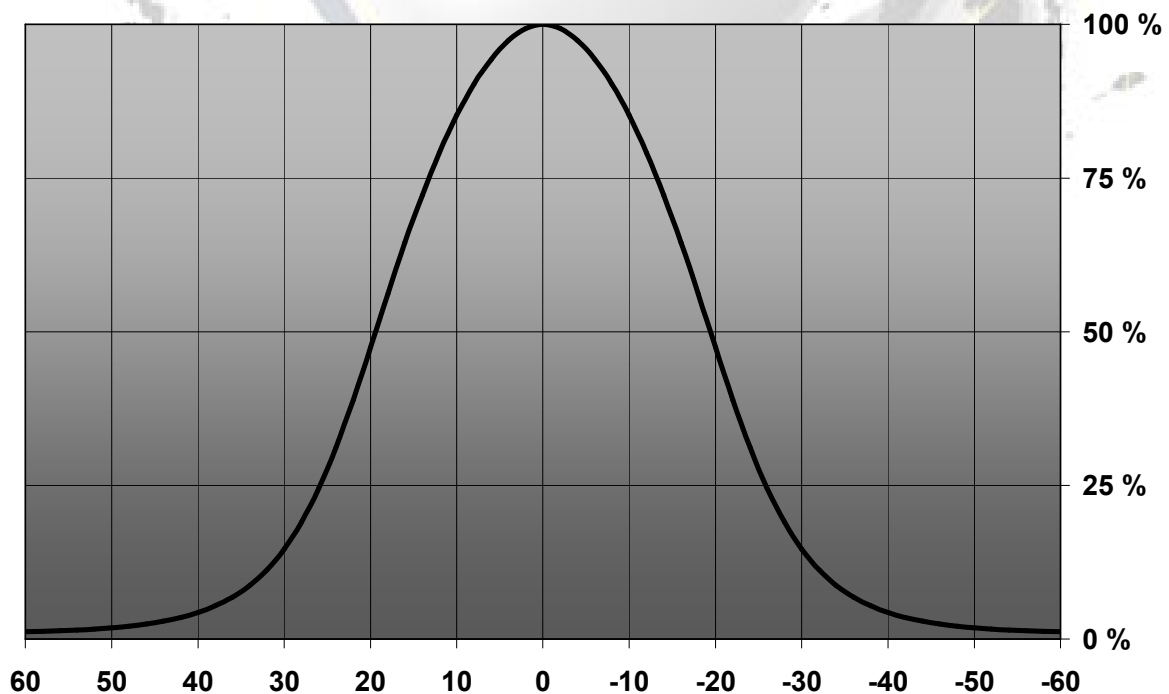


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Relative Intensity of LD1-M

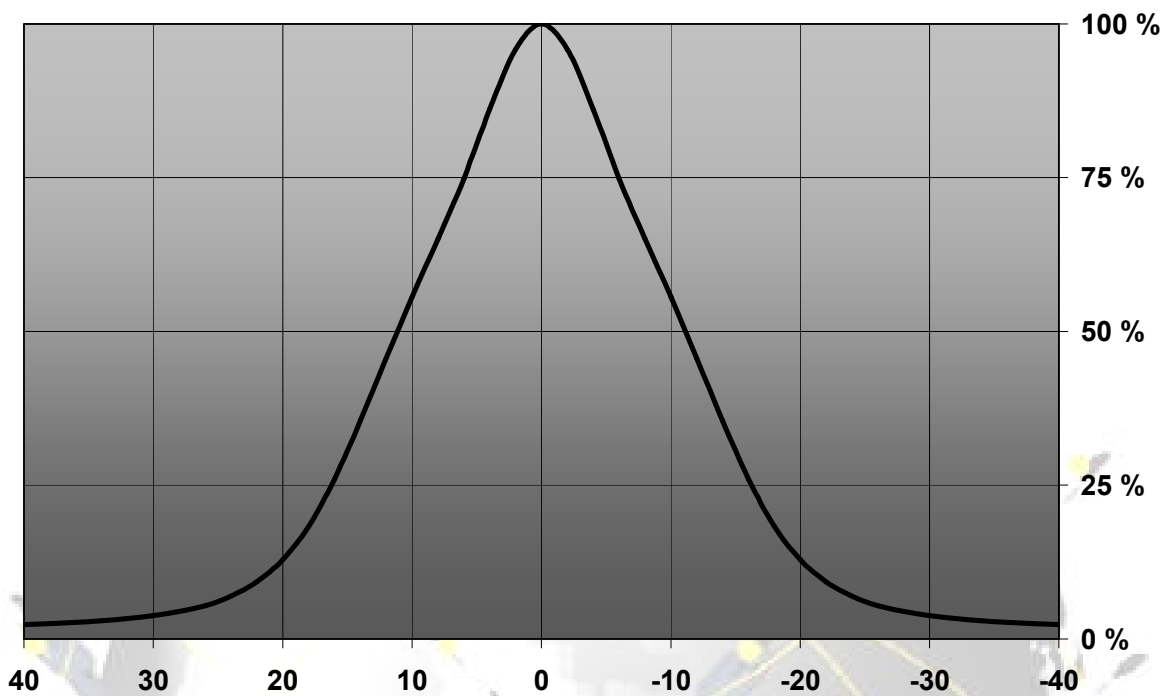


Relative Intensity of LD1-REC (horizontal)



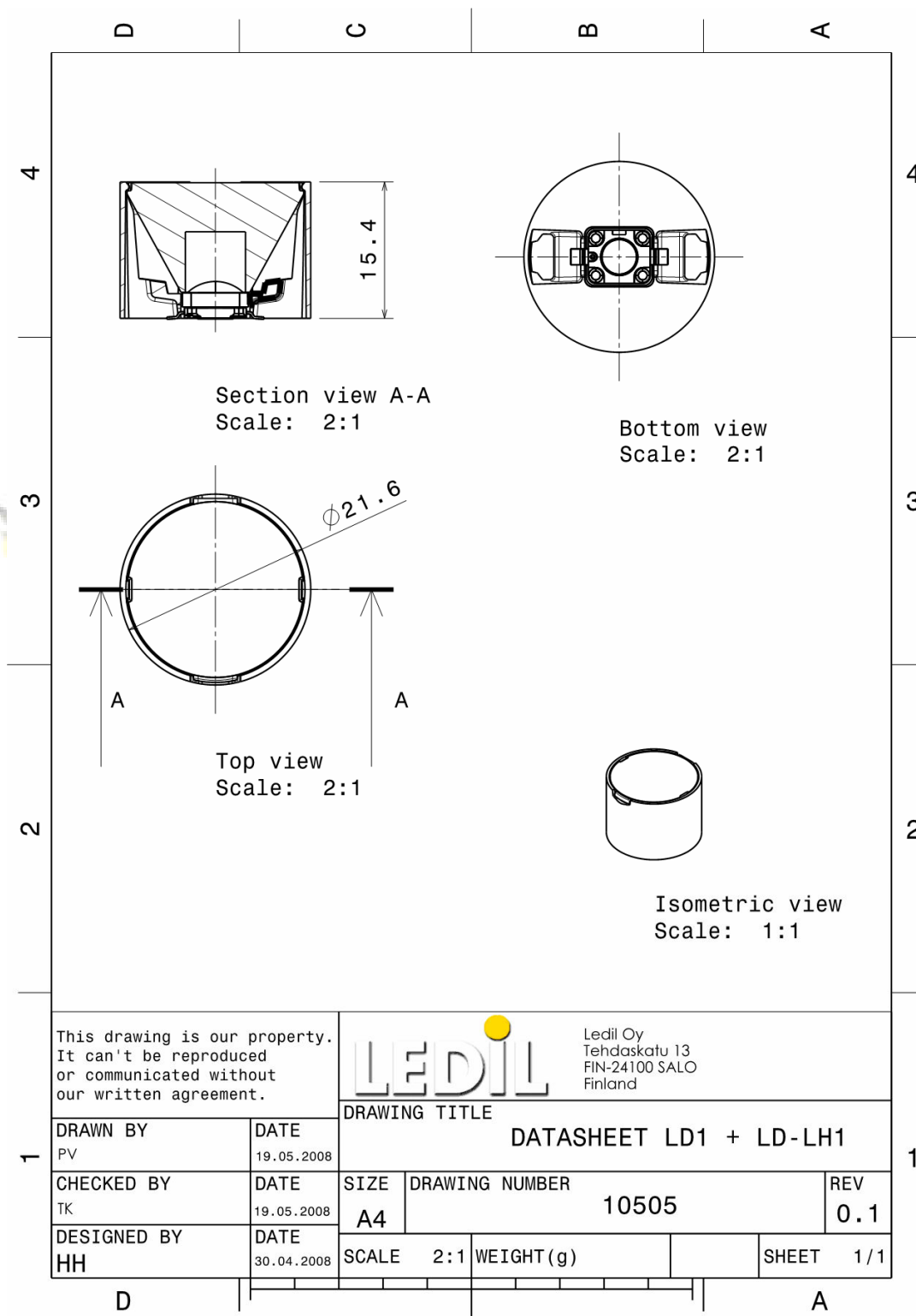
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Relative Intensity of LD1-REC (vertical)



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DRAWINGS



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Ledil Oy
Tehdaskatu 13
FIN-24100 SALO
Finland

DRAWING TITLE

DATASHEET LD1 + LD-LH1

DRAWN BY
PV

DATE
19.05.2008

CHECKED BY
TK

DATE
19.05.2008

SIZE
A4

DRAWING NUMBER

10505

REV
0.1

DESIGNED BY
HH

DATE
30.04.2008

SCALE

2:1

WEIGHT(g)

SHEET

1/1