

ANNA-50-7-S

~15° spot beam with 7 optics

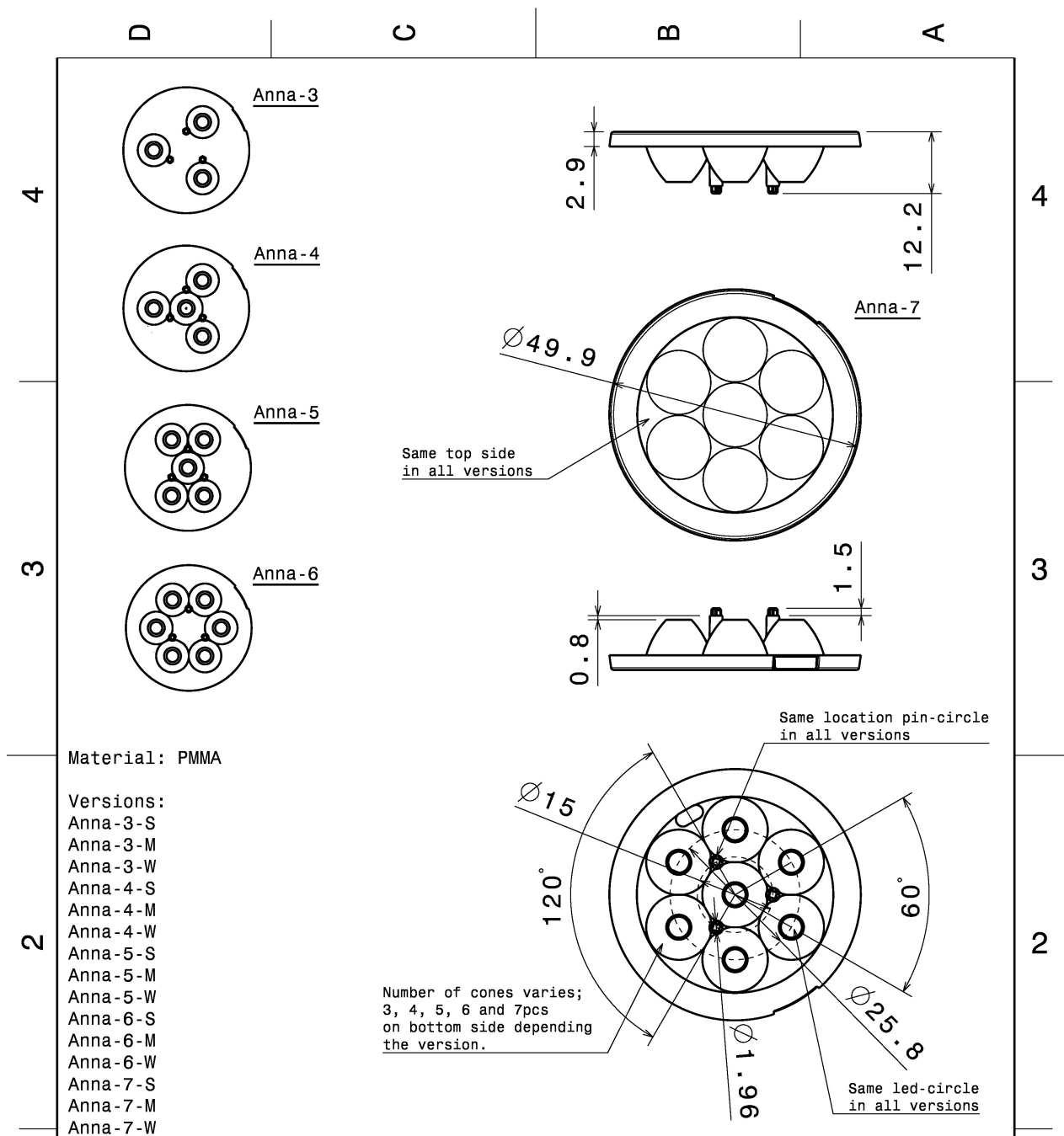
TECHNICAL SPECIFICATIONS:

| | |
|-----------------|--------------------|
| Dimensions | Ø 50.0 mm |
| Height | 10.7 mm |
| Fastening | glue, pin |
| Colour | clear |
| Box size | 480 x 280 x 300 mm |
| Box weight | 7.5 kg |
| Quantity in Box | 512 pcs |
| ROHS compliant | yes ⓘ |



MATERIAL SPECIFICATIONS:

| Component | Type | Material | Colour |
|-------------|------------|----------|--------|
| ANNA-50-7-S | Multi-lens | PMMA | clear |

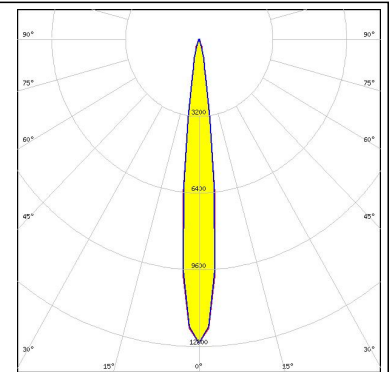


| | | | |
|---|--------------------|-------------------------------------|---------------------|
| This drawing is our property. It can't be reproduced or communicated without our written agreement. | | LEDiL L T F F e e i n n d | |
| DRAWING TITLE | | Datasheet Anna50-series Lens | |
| DRAWN BY p | DATE 05.10.2010 | SIZE A4 | DRAWING NUMBER - |
| CHECKED BY i k | DATE 03.08.2010 | SCALE 1:1 | REV 1 |
| DESIGNED BY hh | DATE 30.07.2010 | WEIGHT (g) | SHEET 1/1 |

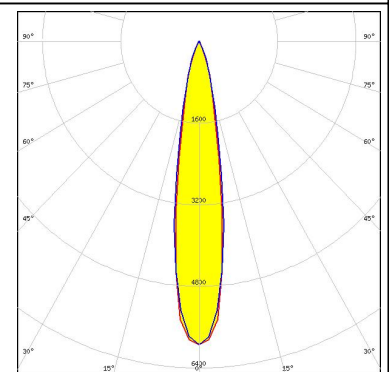
PHOTOMETRIC DATA (MEASURED):



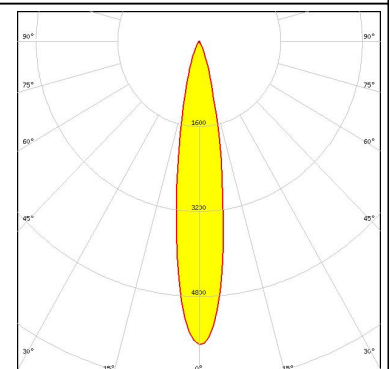
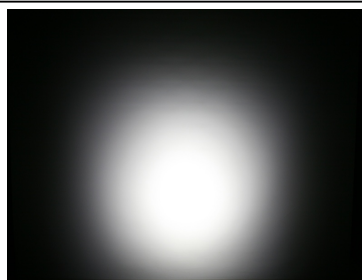
LED XP-E
 FWHM 12.0°
 Efficiency 93 %
 Peak intensity 12.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



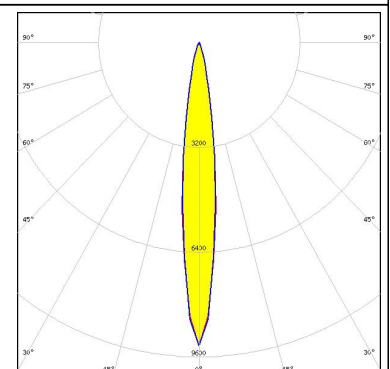
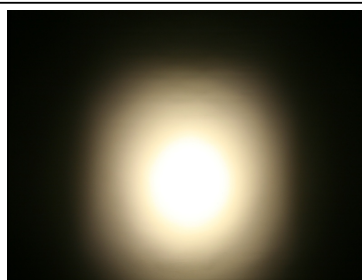
LED XP-G
 FWHM 18.0°
 Efficiency 93 %
 Peak intensity 5.940 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON A
 FWHM 19.0°
 Efficiency 87 %
 Peak intensity 5.710 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

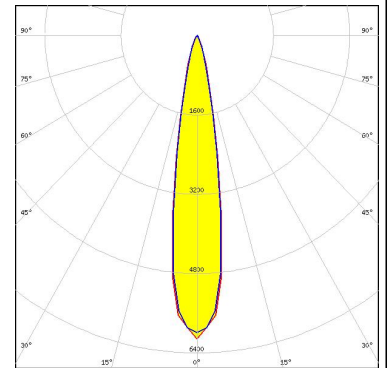


LED LUXEON Rebel
 FWHM 13.0°
 Efficiency 92 %
 Peak intensity 9.300 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

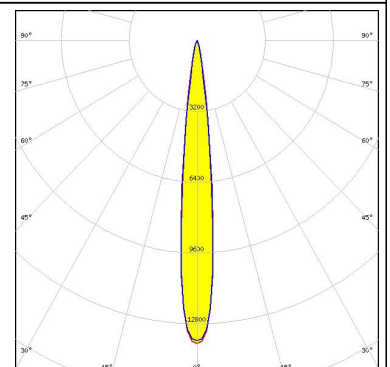
LUMILEDS
LED LUXEON Rebel ES
FWHM 18.0°
Efficiency 93 %
Peak intensity 6.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:



NICHIA
LED NCSxx19A
FWHM 16.0°
Efficiency 91 %
Peak intensity 6.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:

NICHIA
LED NVSxx19A
FWHM 19.0°
Efficiency 91 %
Peak intensity 4.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:

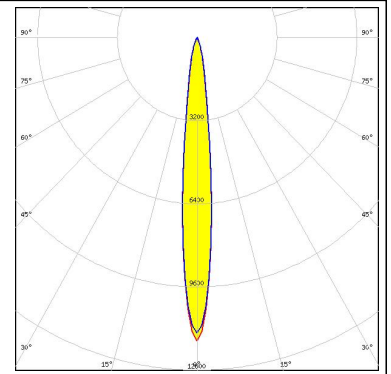
OSRAM
Oslo Semiconductors
LED Oslon SSL 150
FWHM 12.0°
Efficiency 90 %
Peak intensity 13.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

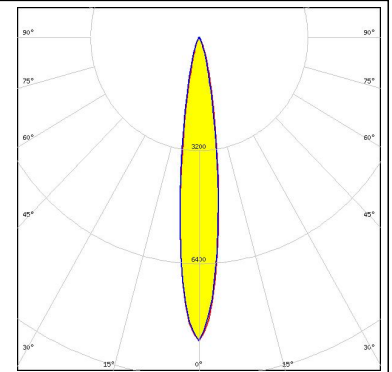
| | |
|----------------------|--------------|
| LED | Oslon SSL 80 |
| FWHM | 11.0° |
| Efficiency | 90 % |
| Peak intensity | 11.700 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |



PHOTOMETRIC DATA (SIMULATED):

LG Innotek

LED LG 3030
FWHM 15.0°
Efficiency 94 %
Peak intensity 8.590 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SHARP

LED Double Dome (GM2BB)
FWHM 12.0°
Efficiency %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:

GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

Salo, Finland
Hong Kong, China

Distribution Partners

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)