ANNA-50-7-W

~30° wide beam with 7 optics



TECHNICAL SPECIFICATIONS:

Dimensions	Ø 50.0 mm
Height	10.7 mm
Fastening	glue, pin
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
ANNA-50-7-W	Multi-lens	PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C11682_ANNA-50-7-W » Box size: 480 x 280 x 300 mm	512	96	32	7.2

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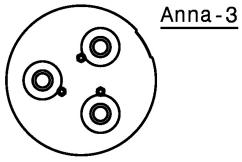
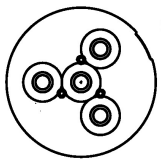


Anna-3



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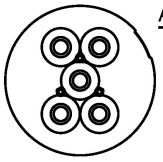

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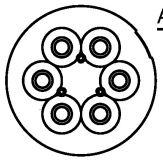
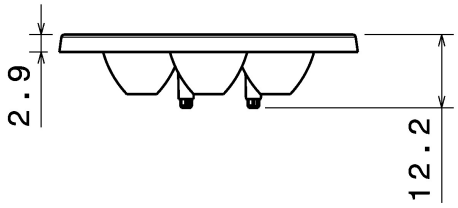
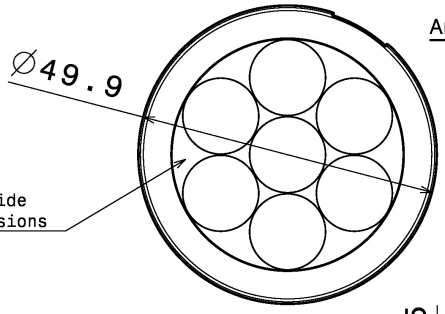
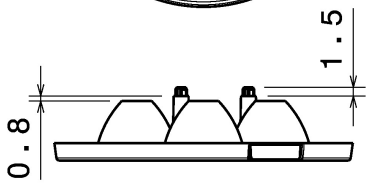


Anna-6



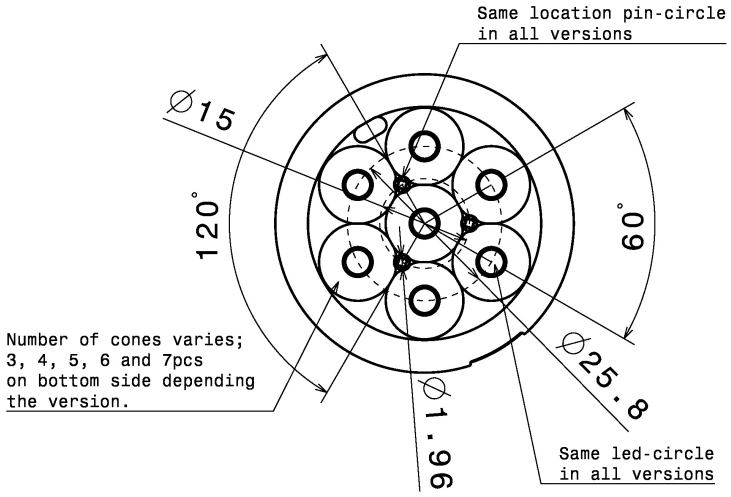
Anna-7





Material: PMMA

Versions:
Anna-3-S
Anna-3-M
Anna-3-W
Anna-4-S
Anna-4-M
Anna-4-W
Anna-5-S
Anna-5-M
Anna-5-W
Anna-6-S
Anna-6-M
Anna-6-W
Anna-7-S
Anna-7-M
Anna-7-W



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DRAWN BY: p	DATE: 05.10.2010
CHECKED BY: t k	DATE: 03.08.2010
DESIGNED BY: hh	DATE: 30.07.2010

DRAWING TITLE: Datasheet Anna50-series Lens

SIZE	DRAWING NUMBER	REV
A4	-	1

SCALE 1:1 | WEIGHT(g) | SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

CREE

LED	XB-D
FWHM	29.0°
Efficiency	85 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour	White

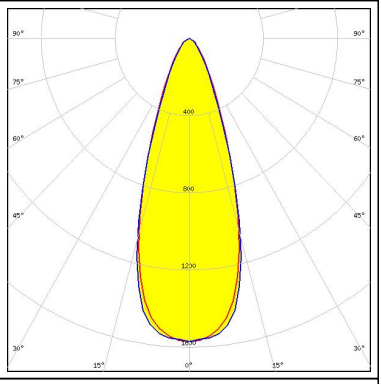
Required components:

CREE

LED	XP-E
FWHM	36.0°
Efficiency	87 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

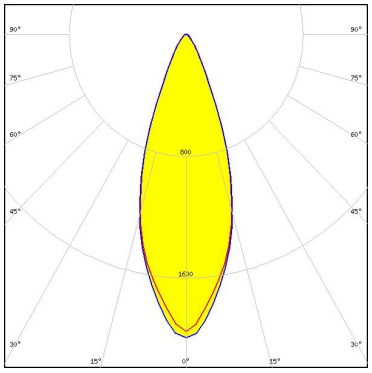




CREE

LED	XP-G
FWHM	36.0°
Efficiency	87 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

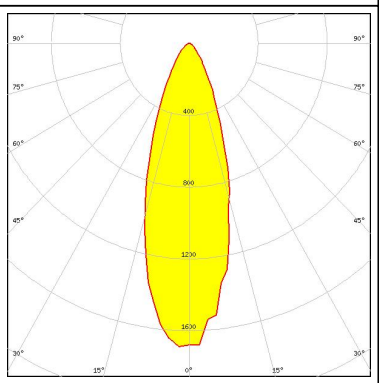


LUMILEDS

LED	LUXEON A
FWHM	34.0°
Efficiency	82 %
Peak intensity	1.7 cd/lm
LEDs/each optic	1
Light colour	White

Required components:





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PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED	LUXEON Rebel
FWHM	30.0°
Efficiency	86 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

LUMILEDS

LED	LUXEON Rebel ES
FWHM	29.0°
Efficiency	86 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

NICHIA

LED	NCSxx19A
FWHM	28.0°
Efficiency	86 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

NICHIA

LED	NVSxx19A
FWHM	33.0°
Efficiency	86 %
Peak intensity	1.5 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

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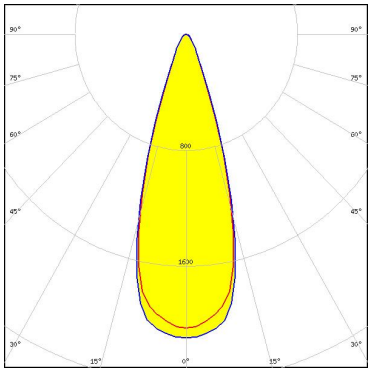
PHOTOMETRIC DATA (MEASURED):

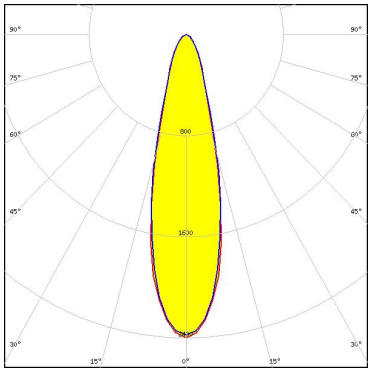
OSRAM
Opto Semiconductors

LED	OSLON SSL 150
FWHM	34.0°
Efficiency	89 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OSRAM
Opto Semiconductors

LED	OSLON SSL 80
FWHM	26.0°
Efficiency	87 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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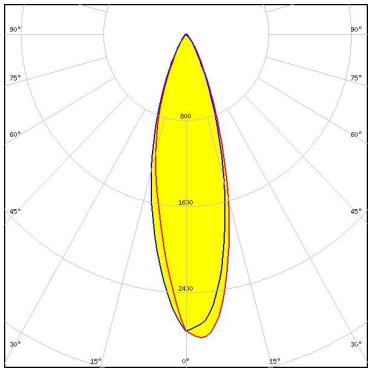
PHOTOMETRIC DATA (SIMULATED):

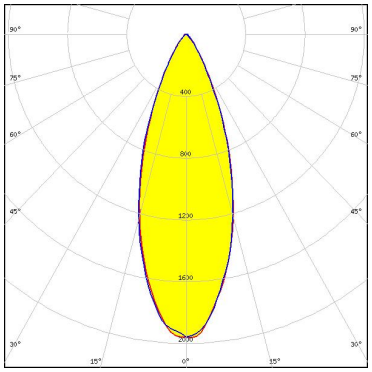
LG Innotek

LED	LG 3030
FWHM	29.5°
Efficiency	94 %
Peak intensity	2.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

LED	NVSxx19B/NVSxx19C
FWHM	36.0°
Efficiency	95 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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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.

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