ANNA-40-4-S

~15° spot beam with 4 optics



TECHNICAL SPECIFICATIONS:

Dimensions	Ø 40.0 mm
Height	10.7 mm
Fastening	glue, pin
ROHS compliant	yes

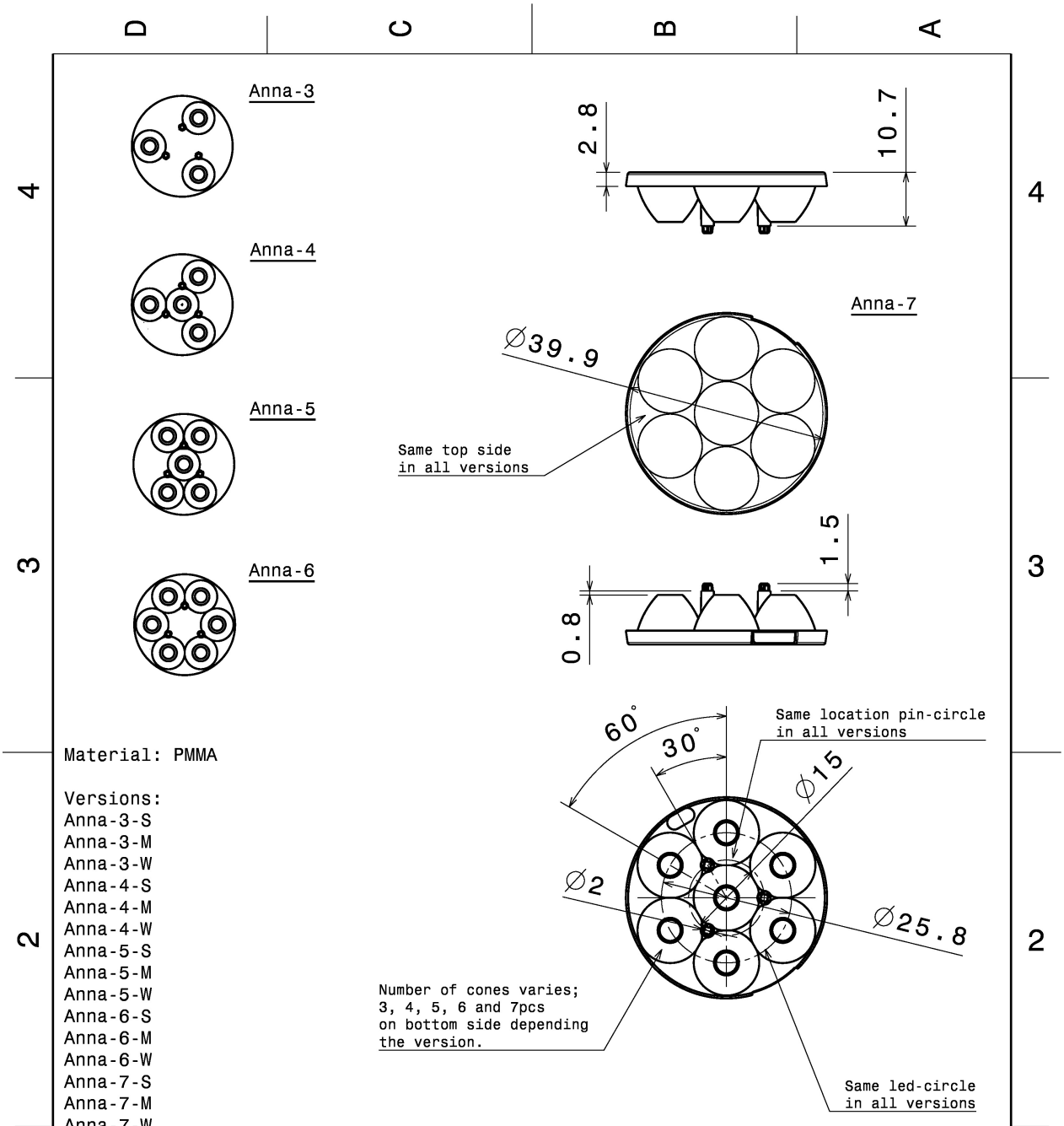
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
ANNA-40-4-S	Multi-lens	PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C11793_ANNA-40-4-S » Box size: 480 x 280 x 300 mm	760	120	40	7.1

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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

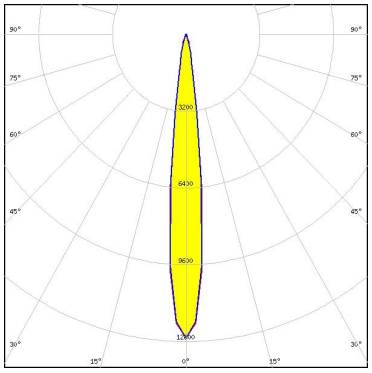
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DRAWN BY: p	DATE: 12.10.2010	DRAWING TITLE: Datasheet Anna40-series Lens		
CHECKED BY: s n	DATE: 12.10.2010	SIZE: A4	DRAWING NUMBER: -	REV: 1
DESIGNED BY: hh	DATE: 30.07.2010	SCALE: 1:1	WEIGHT(g):	SHEET: 1/1

PHOTOMETRIC DATA (MEASURED):

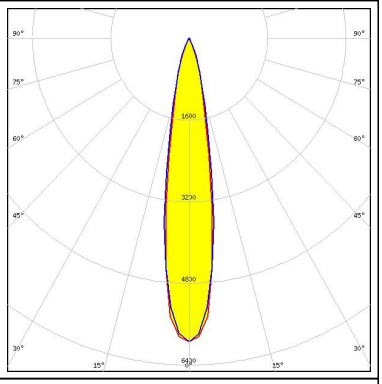
CREE

LED	XP-E
FWHM	12.0°
Efficiency	93 %
Peak intensity	12.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



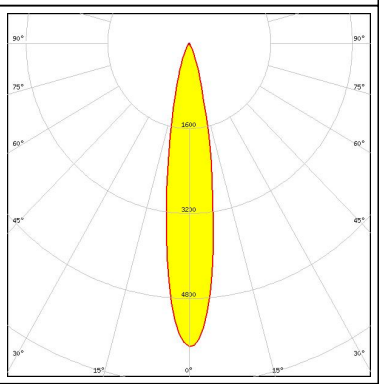
CREE

LED	XP-G
FWHM	18.0°
Efficiency	93 %
Peak intensity	5.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



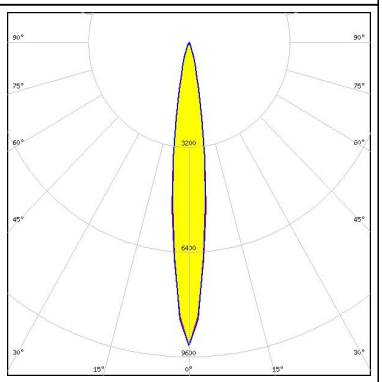
LUMILEDS

LED	LUXEON A
FWHM	19.0°
Efficiency	87 %
Peak intensity	5.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

LED	LUXEON Rebel
FWHM	13.0°
Efficiency	92 %
Peak intensity	9.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

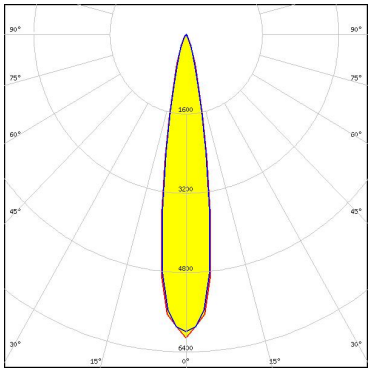


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PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED	LUXEON Rebel ES
FWHM	18.0°
Efficiency	93 %
Peak intensity	6.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

LED	NCSxx19A
FWHM	16.0°
Efficiency	91 %
Peak intensity	6.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

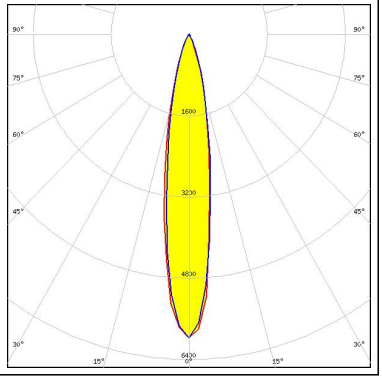
NICHIA

LED	NVSxx19A
FWHM	19.0°
Efficiency	91 %
Peak intensity	4.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

OSRAM
Opto Semiconductors

LED	Duris S5 (2 chip)
FWHM	18.0°
Efficiency	90 %
Peak intensity	6.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



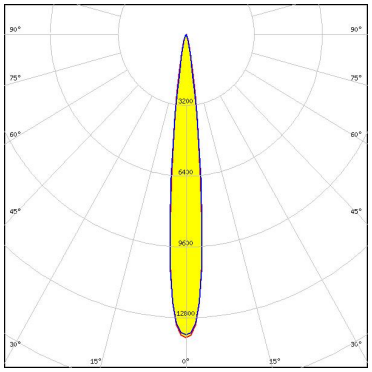


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PHOTOMETRIC DATA (MEASURED):

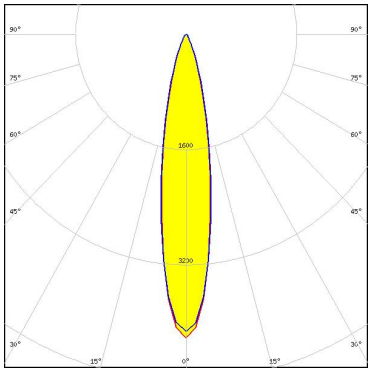
OSRAM
Opto Semiconductors

LED	OSLON SSL 150
FWHM	12.0°
Efficiency	90 %
Peak intensity	13.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OSRAM
Opto Semiconductors

LED	OSLON SSL 80
FWHM	11.0°
Efficiency	90 %
Peak intensity	11.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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PHOTOMETRIC DATA (SIMULATED):

SHARP

LED	Double Dome (GM2BB)
FWHM	12.0°
Efficiency	%
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:

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