ANNA-40-7-S

~15° spot beam with 7 optics

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 40.0 mm
Height	10.7 mm
Fastening	glue, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	8.3 kg
Quantity in Box	760 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
ANNA-40-7-S	Multi-lens	PMMA	clear

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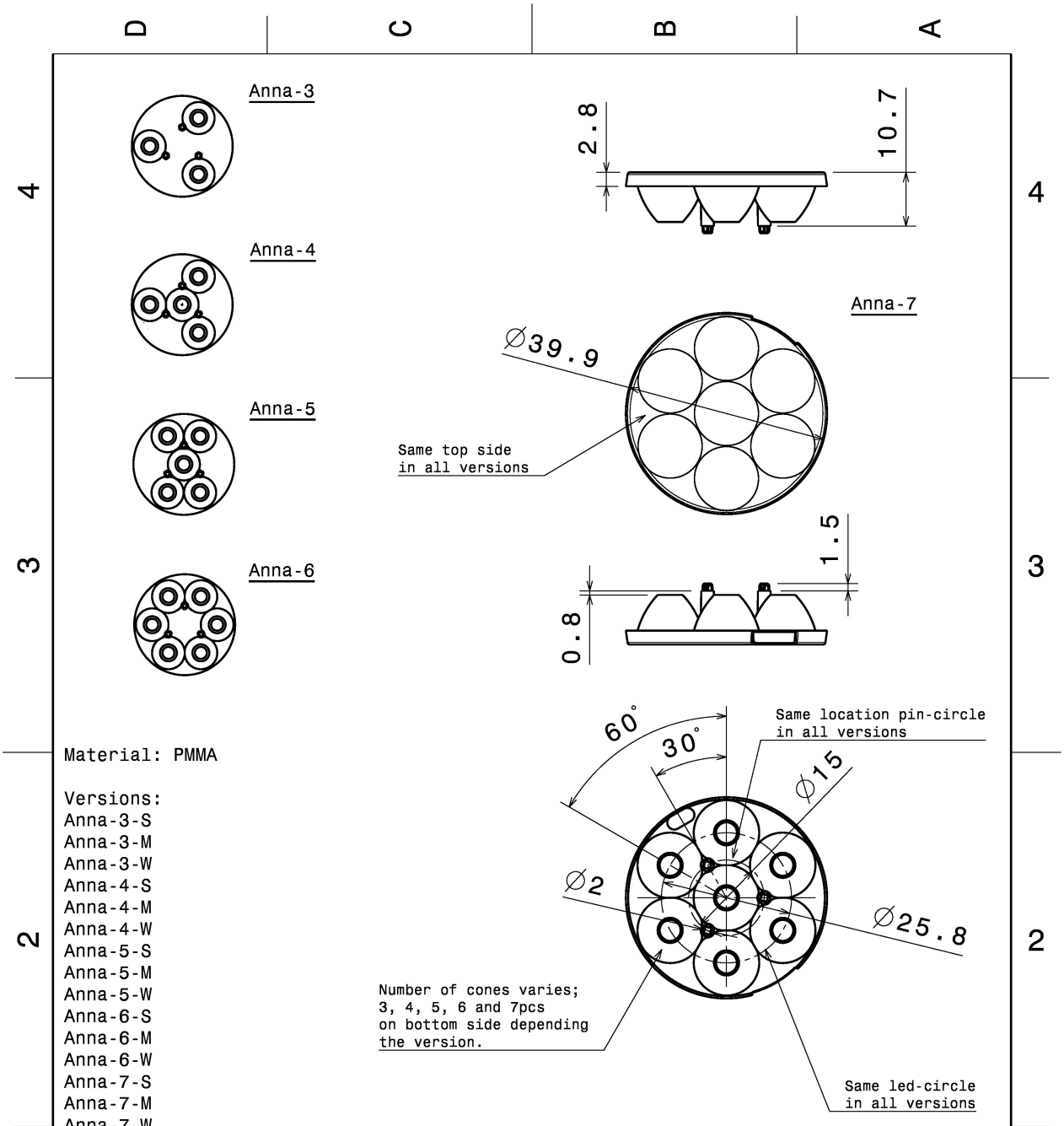

Material: PMMA

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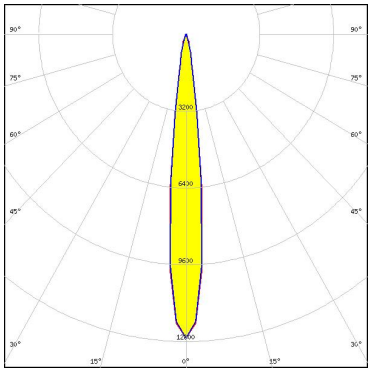
DRAWN BY: p	DATE: 12.10.2010	DRAWING TITLE: Datasheet Anna40-series Lens		
CHECKED BY: s n	DATE: 12.10.2010	SIZE: A4	DRAWING NUMBER: -	REV: 1
DESIGNED BY: hh	DATE: 30.07.2010	SCALE: 1:1	WEIGHT(g):	SHEET: 1/1

PHOTOMETRIC DATA (MEASURED):

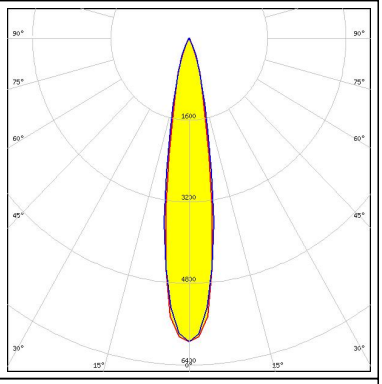
CREE

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



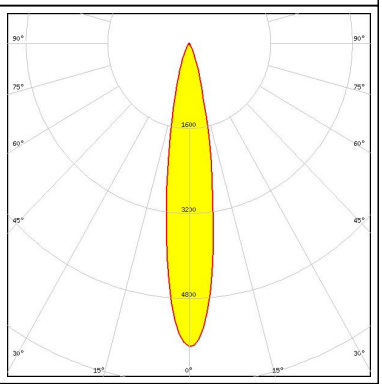
CREE

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



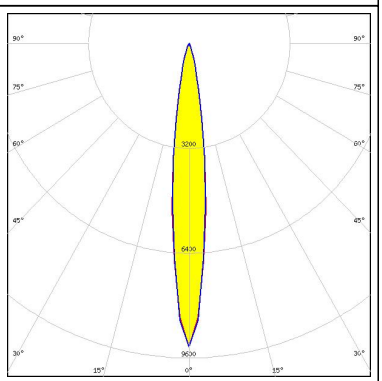
LUMILEDS

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



LUMILEDS

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



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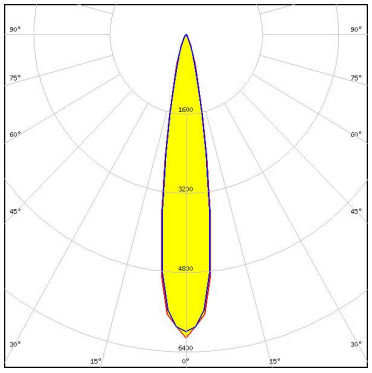
PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED	LUXEON Rebel ES
FWHM	18.0°
Efficiency	93 %
Peak intensity	6.100 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	NF2x757G
FWHM	18.0°
Efficiency	88 %
Peak intensity	5.400 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

NICHIA

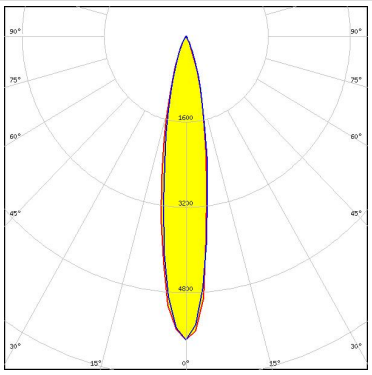
LED	NVSxx19A
FWHM	19.0°
Efficiency	91 %
Peak intensity	4.900 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

PHOTOMETRIC DATA (MEASURED):

OSRAM Opto Semiconductors

LED	Duris S5 (2 chip)
FWHM	18.0°
Efficiency	90 %
Peak intensity	5.700 cd/lm
LEDs/each optic	1
Light colour	White

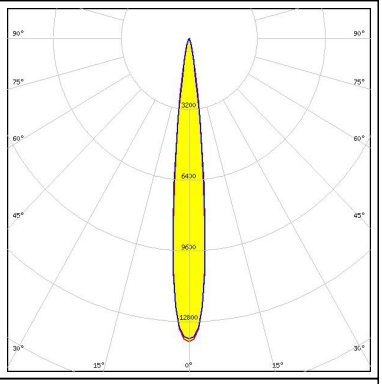
Required components:



OSRAM Opto Semiconductors

LED	OSLON SSL 150
FWHM	12.0°
Efficiency	90 %
Peak intensity	13.700 cd/lm
LEDs/each optic	1
Light colour	White

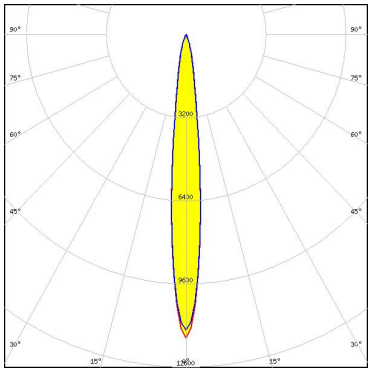
Required components:



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

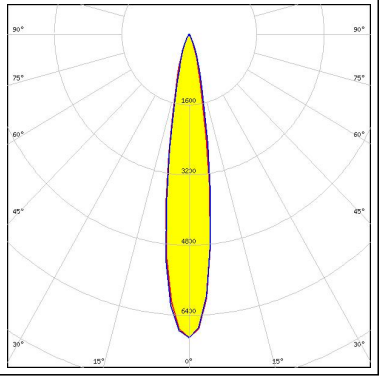
Required components:



SEOUL SEMICONDUCTOR

LED	Z5M1/Z5M2
FWHM	18.0°
Efficiency	91 %
Peak intensity	6.900 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



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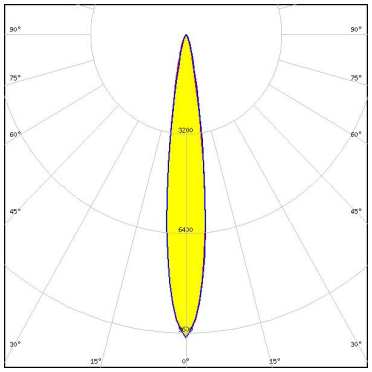
PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

LED	LUXEON T
FWHM	17.0°
Efficiency	92 %
Peak intensity	7.860 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

OSRAM
Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM	15.0°
Efficiency	94 %
Peak intensity	9.760 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:	

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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:

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