

ANNA-50-4-S

~15° spot beam with 4 optics

TECHNICAL SPECIFICATIONS:

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

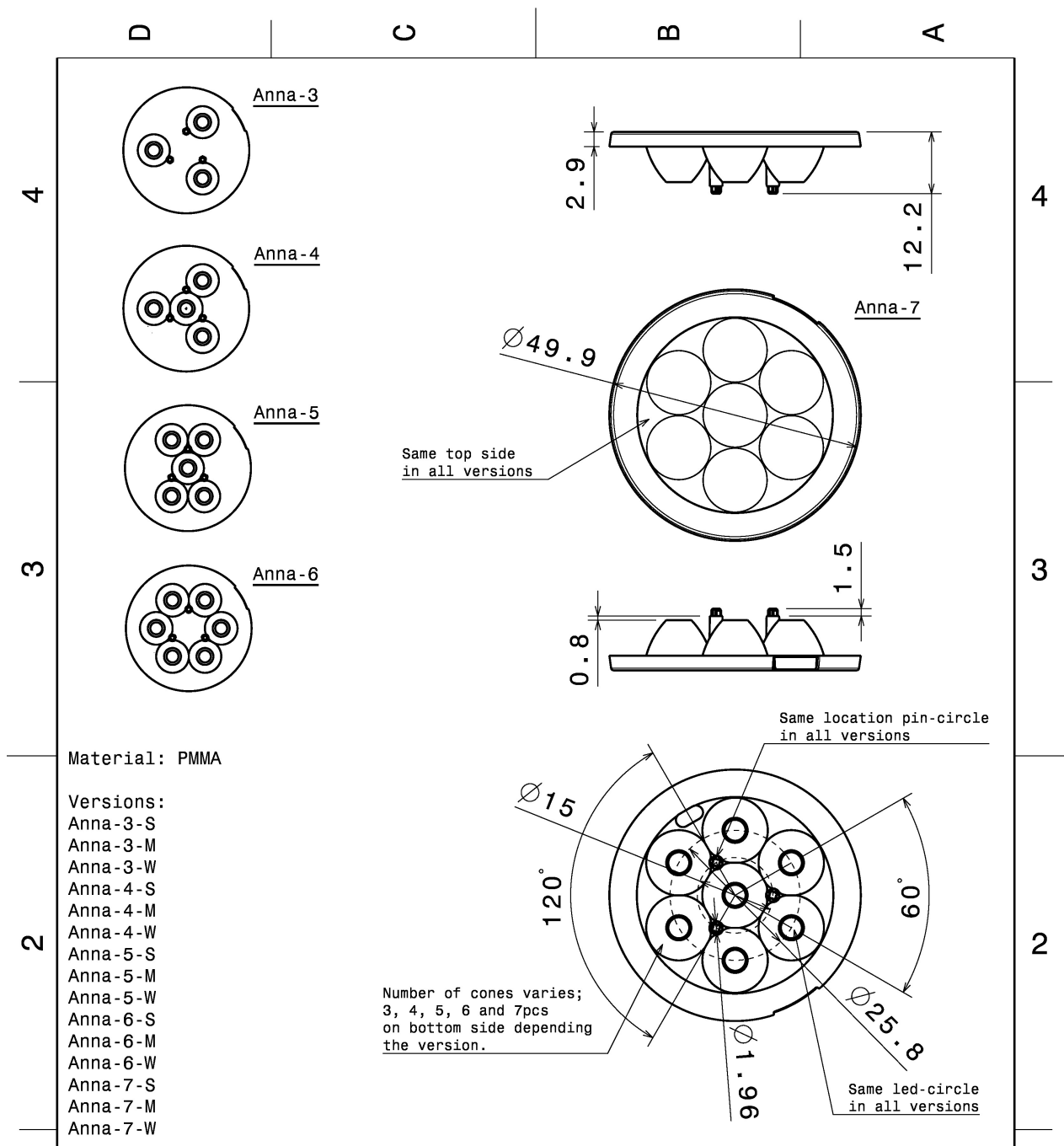
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
ANNA-50-4-S	Multi-lens	PMMA	clear	



ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C11799_ANNA-50-4-S » Box size: 480 x 280 x 300 mm	512	96	32	6.8



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DRAWN BY p		DATE 05.10.2010	
CHECKED BY i k		DATE 03.08.2010	
DESIGNED BY hh		DATE 30.07.2010	
DRAWING TITLE Datasheet Anna50-series Lens		SIZE A4	DRAWING NUMBER -
SCALE 1:1		WEIGHT (g)	SHEET 1/1
REV 1			

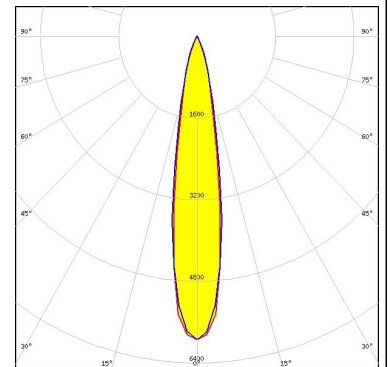
PHOTOMETRIC DATA (MEASURED):



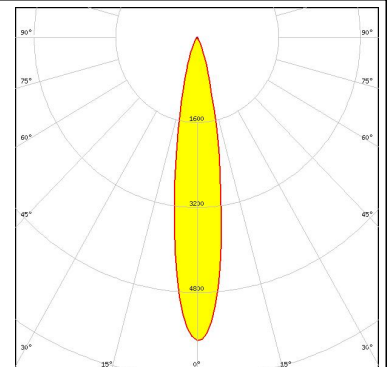
LED XP-E
 FWHM 12.0°
 Efficiency 93 %
 Peak intensity 12.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



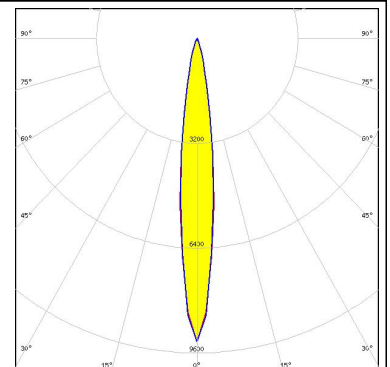
LED XP-G
 FWHM 18.0°
 Efficiency 93 %
 Peak intensity 5.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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

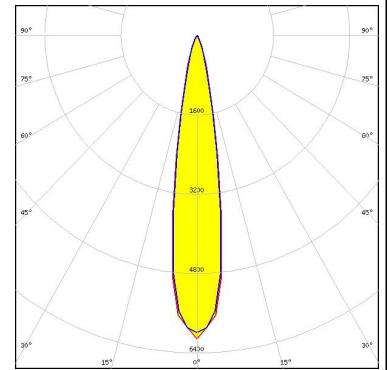


LED LUXEON Rebel
 FWHM 13.0°
 Efficiency 92 %
 Peak intensity 9.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

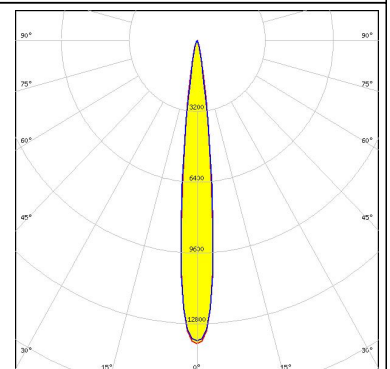
LUMILEDS
LED LUXEON Rebel ES
FWHM 18.0°
Efficiency 93 %
Peak intensity 6.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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:

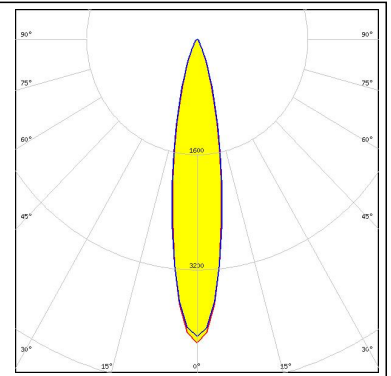
OSRAM
Opto Semiconductors
LED OSOLON SSL 150
FWHM 12.0°
Efficiency 90 %
Peak intensity 13.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

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



PHOTOMETRIC DATA (SIMULATED):

SHARP

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

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