ANNA-50-4-W

~30° wide beam with 4 optics



TECHNICAL SPECIFICATIONS:

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

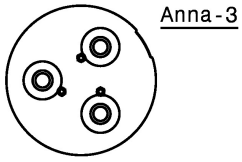
MATERIAL SPECIFICATIONS:

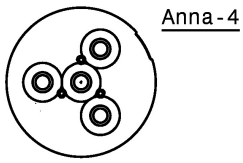
Component	Type	Material	Colour	Finish
ANNA-50-4-W	Multi-lens	PMMA	clear	

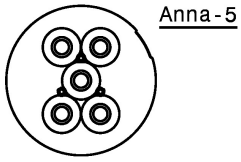
ORDERING INFORMATION:

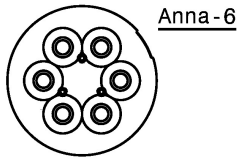
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C11801_ANNA-50-4-W » Box size: 480 x 280 x 300 mm	512	96	32	2.3

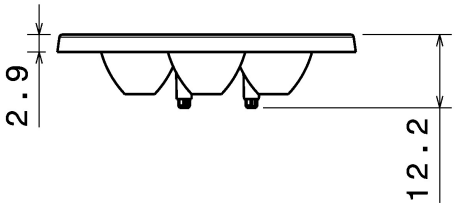
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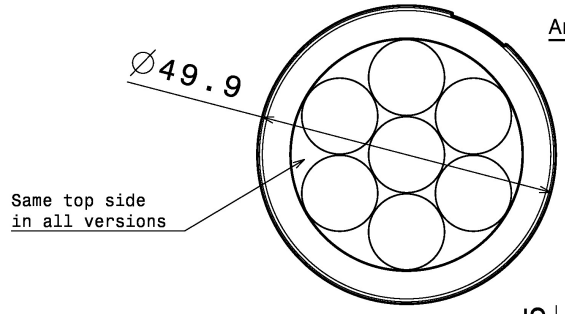


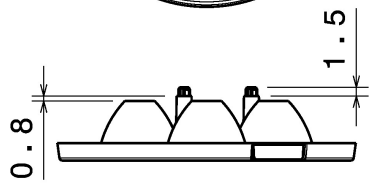






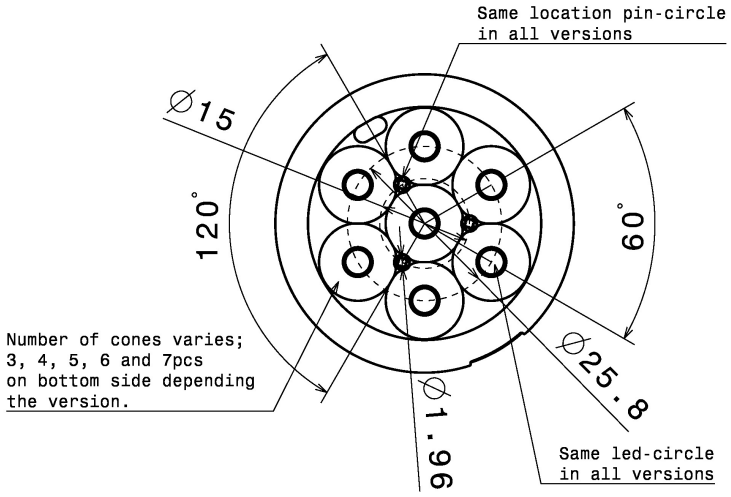






Material: PMMA

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: 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

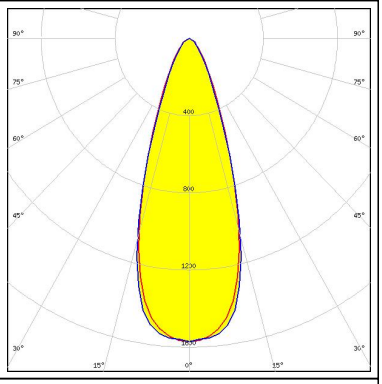
LED	XB-D
FWHM	29.0°
Efficiency	85 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

CREE

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

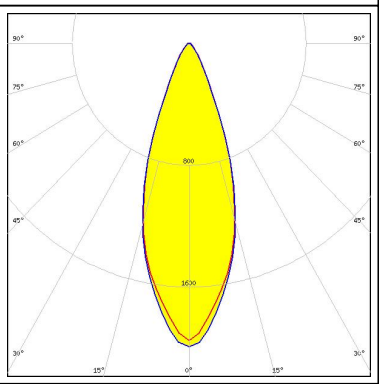
Required components:



CREE

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

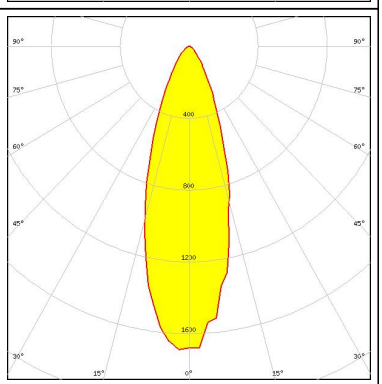
Required components:



LUMILEDS

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

Required components:

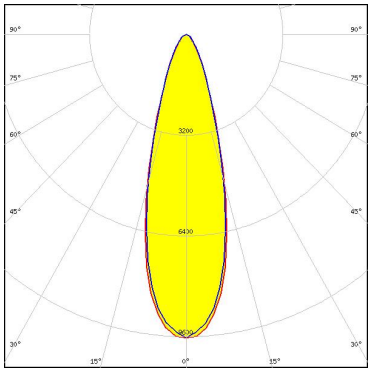


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PHOTOMETRIC DATA (MEASURED):

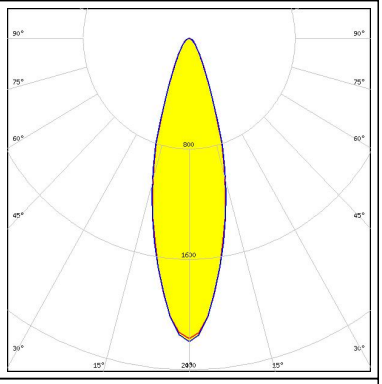
LUMILEDS

LED	LUXEON Rebel
FWHM	30.0°
Efficiency	86 %
Peak intensity	1.9 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:	

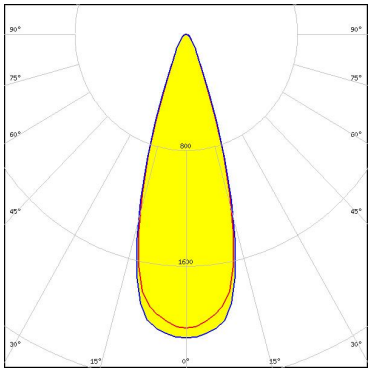
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PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

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

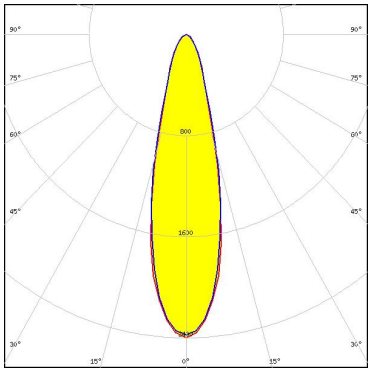
Required components:



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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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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