

## ANNA-50-3-W

~30° wide beam with 3 optics

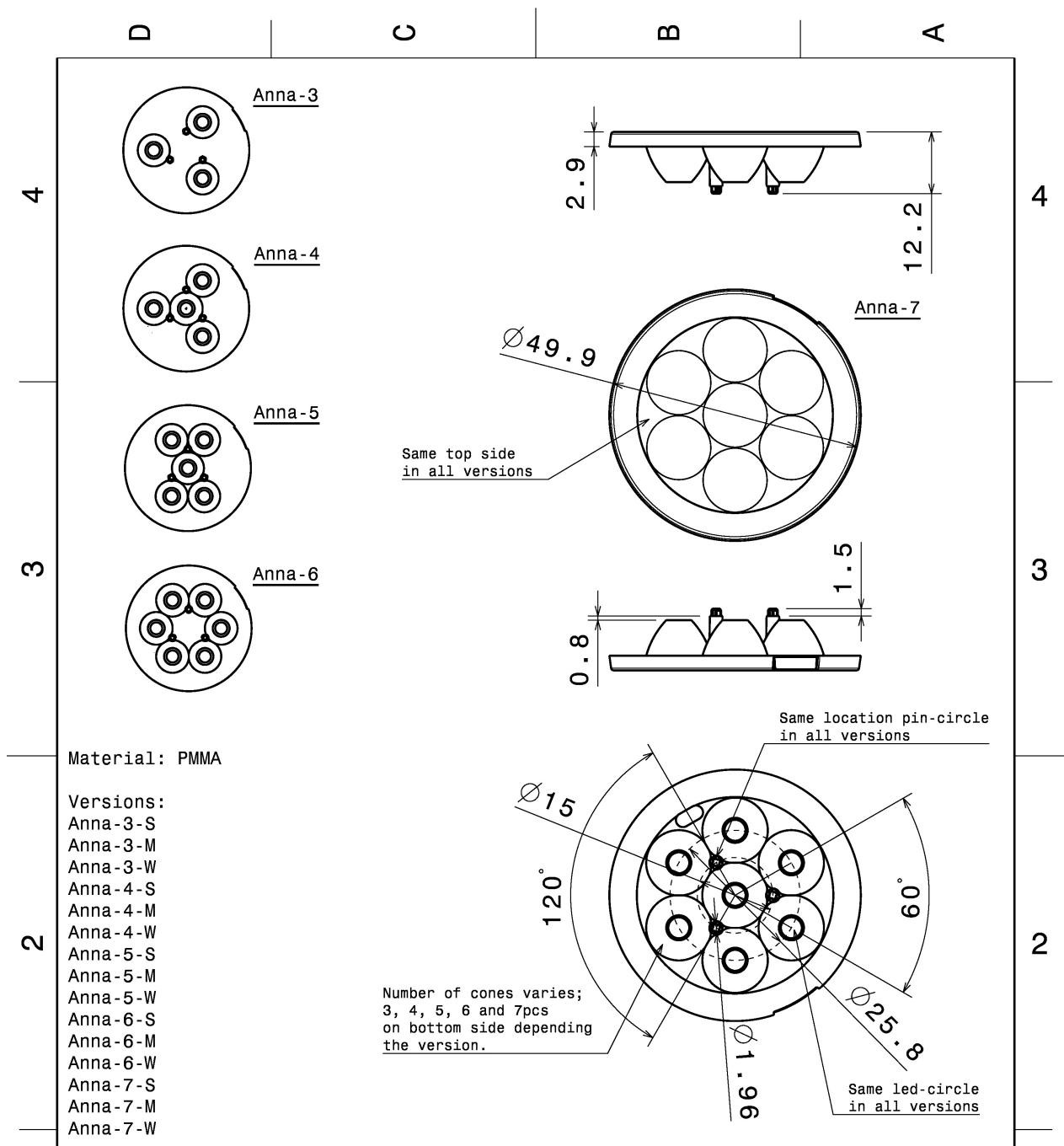
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 50.0 mm
Height	10.7 mm
Fastening	pin, glue
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	5.7 kg
Quantity in Box	512 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
ANNA-50-3-W	Multi-lens	PMMA	clear



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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 <b>Datasheet Anna50-series Lens</b>		SIZE <b>A4</b>	DRAWING NUMBER -
SCALE 1:1		WEIGHT (g)	SHEET 1/1
REV 1			

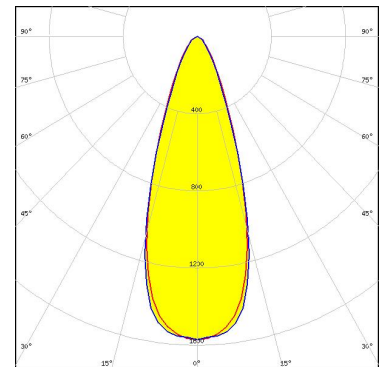
### PHOTOMETRIC DATA (MEASURED):

#### CREE

LED XB-D  
FWHM 29.0°  
Efficiency 85 %  
Peak intensity 2.170 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

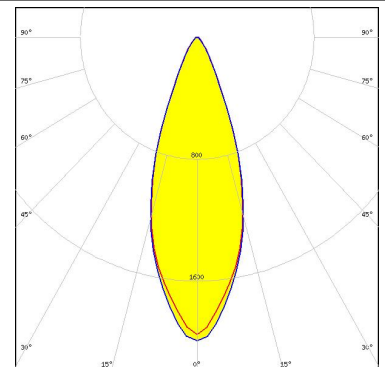
#### CREE

LED XP-E  
FWHM 36.0°  
Efficiency 87 %  
Peak intensity 1.600 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



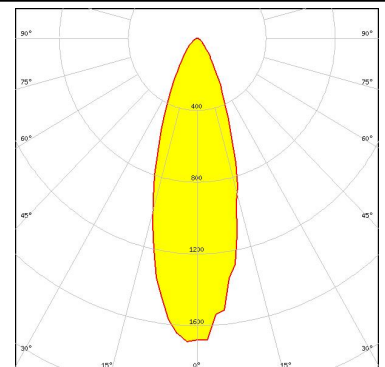
#### CREE

LED XP-G  
FWHM 36.0°  
Efficiency 87 %  
Peak intensity 2.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### LUMILEDS

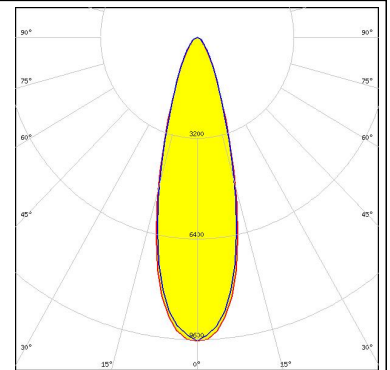
LED LUXEON A  
FWHM 34.0°  
Efficiency 82 %  
Peak intensity 1.680 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### PHOTOMETRIC DATA (MEASURED):

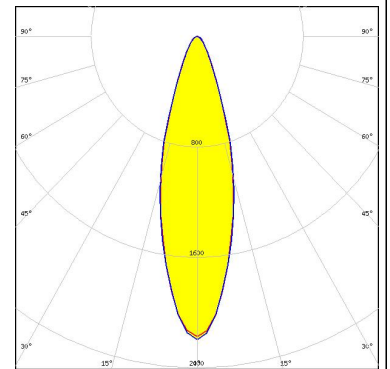
#### LUMILEDS

LED LUXEON Rebel  
FWHM 30.0°  
Efficiency 86 %  
Peak intensity 1.900 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### LUMILEDS

LED LUXEON Rebel ES  
FWHM 29.0°  
Efficiency 86 %  
Peak intensity 2.200 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### NICHIA

LED NCSxx19A  
FWHM 28.0°  
Efficiency 86 %  
Peak intensity 1.700 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

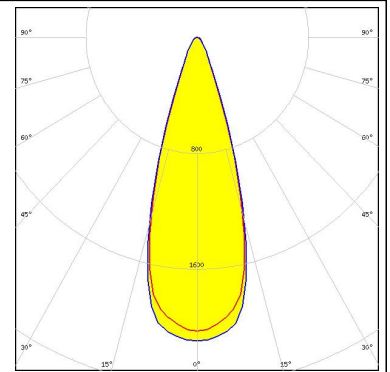
#### NICHIA

LED NVSxx19A  
FWHM 33.0°  
Efficiency 86 %  
Peak intensity 1.400 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

### PHOTOMETRIC DATA (MEASURED):

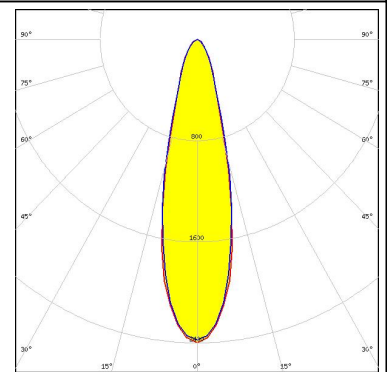
#### OSRAM Opto Semiconductors

LED Oslon SSL 150  
FWHM 34.0°  
Efficiency 89 %  
Peak intensity 2.000 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 2.400 cd/lm  
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:

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