

## ANNA-40-7-S

~15° spot beam with 7 optics

### TECHNICAL SPECIFICATIONS:

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

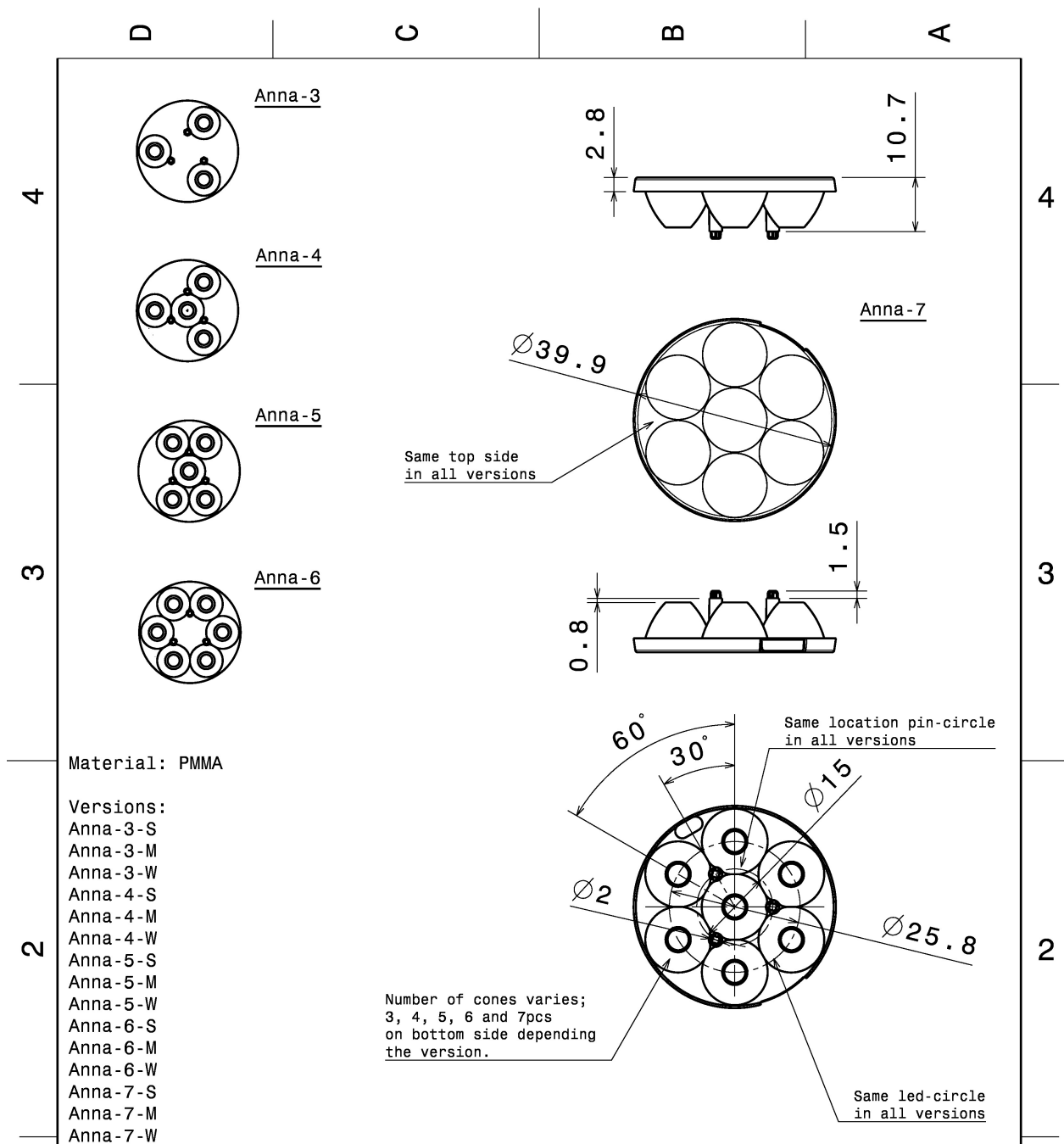
### MATERIAL SPECIFICATIONS:

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



### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C11716_ANNA-40-7-S » Box size: 480 x 280 x 300 mm	760	120	40	8.3



This drawing is our property. It can't be reproduced or communicated without our written agreement.		<b>LEDiL</b> L T F F e e i n n d	
DRAWN BY p		DATE 12.10.2010	
<b>DRAWING TITLE</b> Datasheet Anna40-series Lens			
CHECKED BY s n	DATE 12.10.2010	SIZE A4	DRAWING NUMBER -
DESIGNED BY hh	DATE 30.07.2010	SCALE 1:1	WEIGHT (g) SHEET 1/1

#### PHOTOMETRIC DATA (MEASURED):

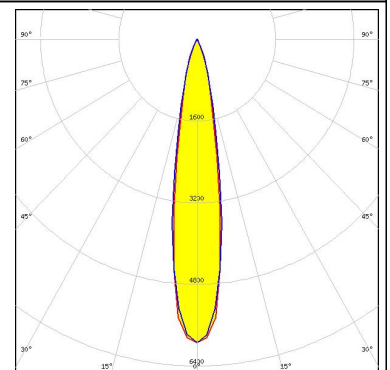
#### CREE

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



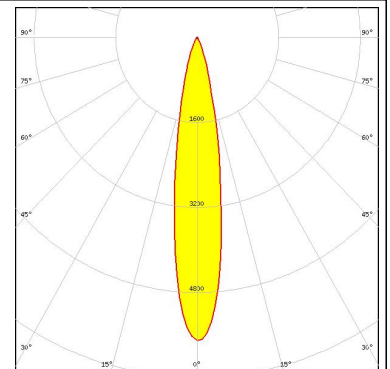
#### CREE

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



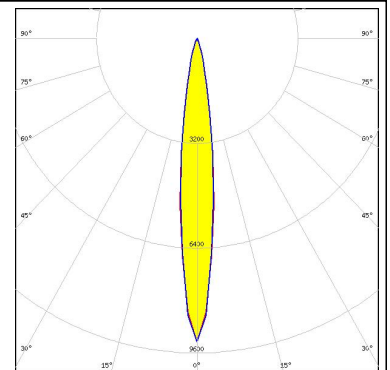
#### LUMILEDS

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



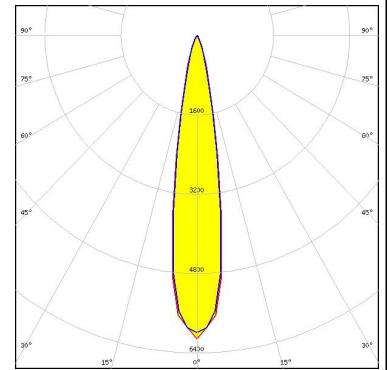
#### LUMILEDS

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



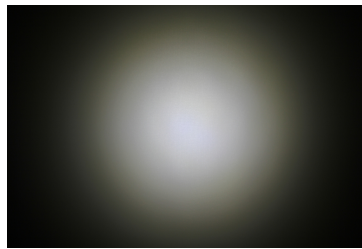
### PHOTOMETRIC DATA (MEASURED):

**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 NF2x757G  
FWHM 18.0°  
Efficiency 88 %  
Peak intensity 5.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



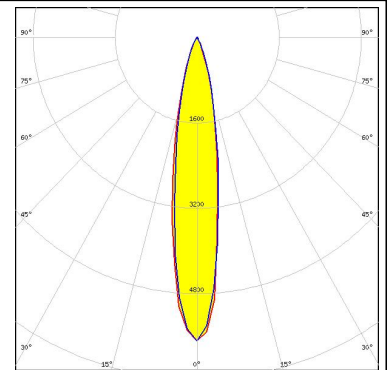
**NICHIA**  
LED NVSxx19A  
FWHM 19.0°  
Efficiency 91 %  
Peak intensity 4.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

#### PHOTOMETRIC DATA (MEASURED):

##### OSRAM

Opto Semiconductors

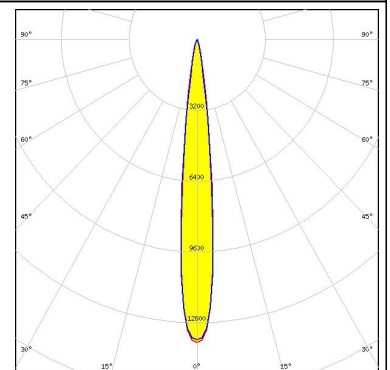
LED Duris S5 (2 chip)  
 FWHM 18.0°  
 Efficiency 90 %  
 Peak intensity 5.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### OSRAM

Opto Semiconductors

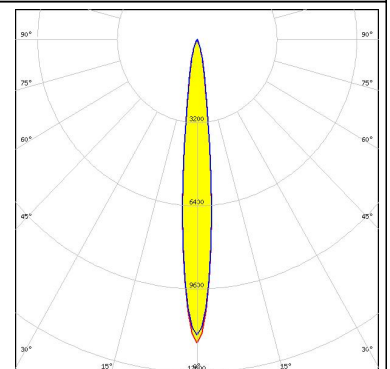
LED OSLON SSL 150  
 FWHM 12.0°  
 Efficiency 90 %  
 Peak intensity 13.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### OSRAM

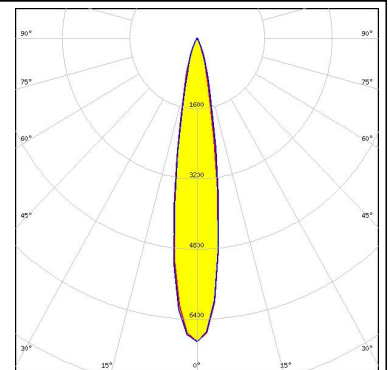
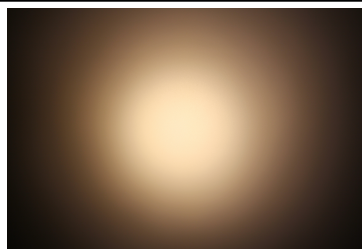
Opto Semiconductors

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



SEOUL SEMICONDUCTOR

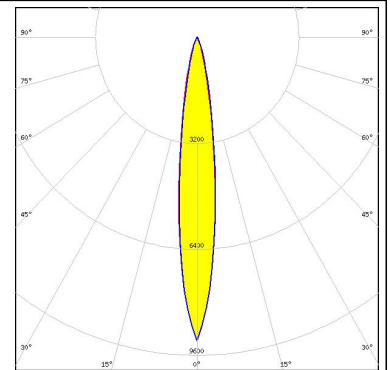
LED Z5M1/Z5M2  
 FWHM 18.0°  
 Efficiency 91 %  
 Peak intensity 6.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (SIMULATED):



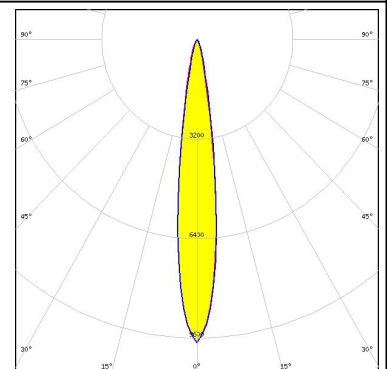
LED J Series 2835  
FWHM 14.0°  
Efficiency 97 %  
Peak intensity 9.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED LUXEON T  
FWHM 17.0°  
Efficiency 92 %  
Peak intensity 7.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED OSOLON Square CSSRM2/CSSRM3  
FWHM 15.0°  
Efficiency 94 %  
Peak intensity 9.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



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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Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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