

## ANNA-40-5-S

~15° spot beam with 5 optics

### SPECIFICATION:

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

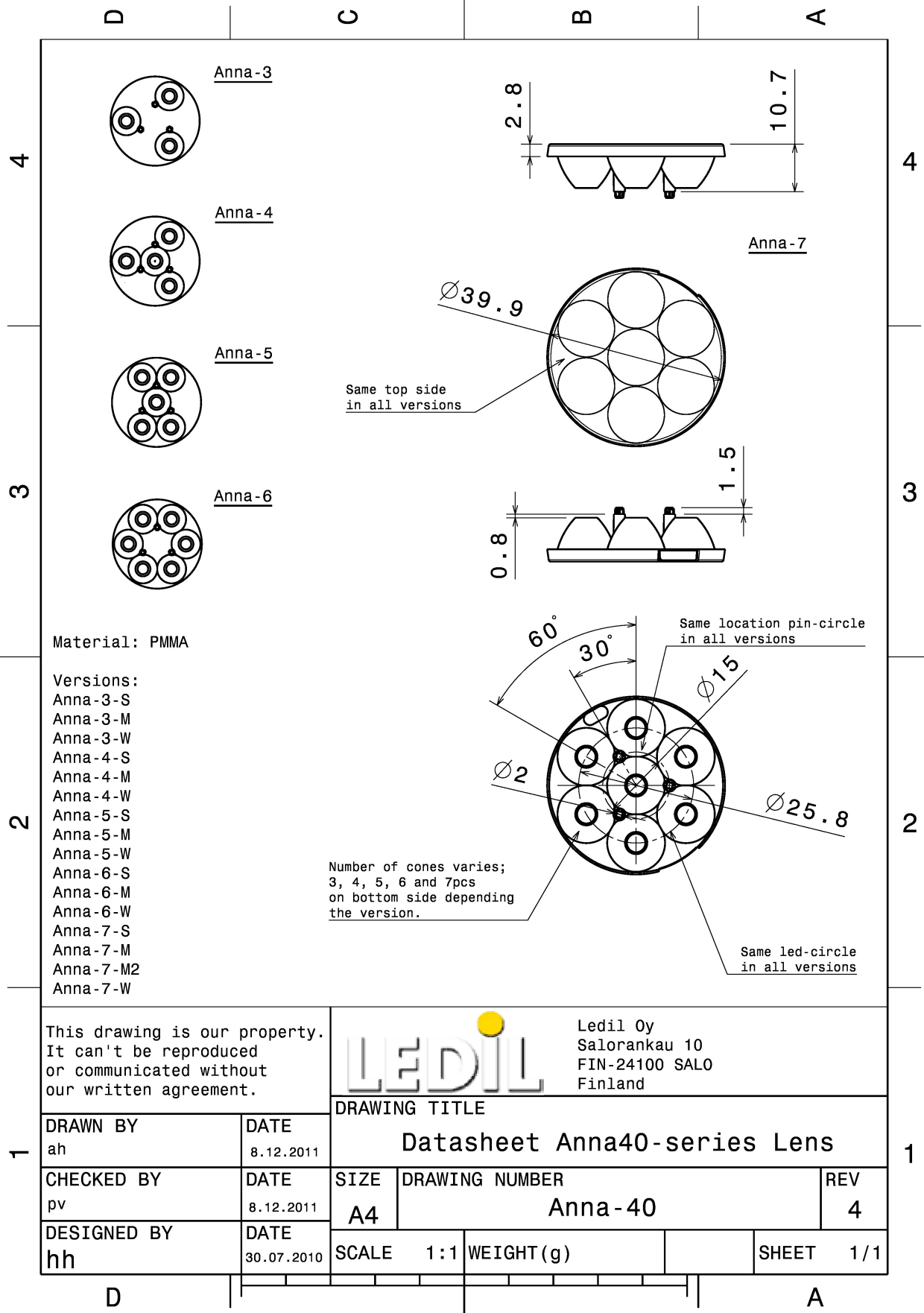


### MATERIALS:

Component	Type	Material	Colour	Finish
ANNA-40-5-S	Multi-lens	PMMA	clear	

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C11713_ANNA-40-5-S » Box size: 480 x 280 x 300 mm	760	120	40	7.2



See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):

#### CREE LED

LED	XP-E
FWHM / FWTM	12.0° / 24.0°
Efficiency	93 %
Peak intensity	12.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

#### CREE LED

LED	XP-G
FWHM / FWTM	18.0° / 39.0°
Efficiency	93 %
Peak intensity	5.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

#### LUMILEDS

LED	LUXEON A
FWHM / FWTM	19.0° / 40.0°
Efficiency	87 %
Peak intensity	5.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

#### LUMILEDS

LED	LUXEON Rebel
FWHM / FWTM	13.0° / 28.0°
Efficiency	92 %
Peak intensity	9.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

#### OPTICAL RESULTS (MEASURED):

##### LUMILEDS

LED LUXEON Rebel ES  
FWHM / FWTM 18.0° / 36.0°  
Efficiency 93 %  
Peak intensity 6.1 cd/m  
LEDs/each optic 1  
Light colour White  
Required components:

##### NICHIA

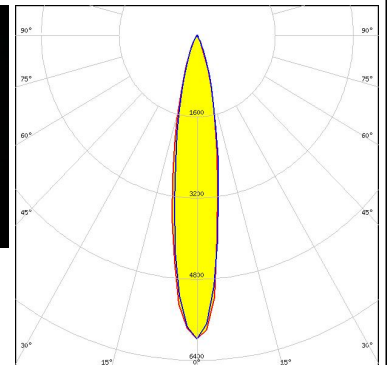
LED NCSxx19A  
FWHM / FWTM 16.0° / 35.0°  
Efficiency 91 %  
Peak intensity 6.7 cd/m  
LEDs/each optic 1  
Light colour White  
Required components:

##### NICHIA

LED NVSxx19A  
FWHM / FWTM 19.0° / 42.0°  
Efficiency 91 %  
Peak intensity 4.9 cd/m  
LEDs/each optic 1  
Light colour White  
Required components:

##### OSRAM

Opto Semiconductors  
LED Duris S5 (2 chip)  
FWHM / FWTM 18.0° / 41.0°  
Efficiency 90 %  
Peak intensity 6 cd/m  
LEDs/each optic 1  
Light colour White  
Required components:



## OPTICAL RESULTS (MEASURED):

### OSRAM

Opto Semiconductors

LED OSLOM SSL 150  
FWHM / FWTM 12.0° / 22.0°  
Efficiency 90 %  
Peak intensity 13.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

### OSRAM

Opto Semiconductors

LED OSLOM SSL 80  
FWHM / FWTM 11.0° / 26.0°  
Efficiency 93 %  
Peak intensity 11.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

## OPTICAL RESULTS (SIMULATED):

### SHARP

LED	Double Dome (GM2BB)
FWHM / FWTM	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:

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