

**Ordering number C11612_ANNA-50-5-S**

Family	Anna-50-5	FWHM	18 degrees
Type	Lens array	Efficiency	93 %
LED	LUXEON Rebel ES	cd/Im	6.100
Color	Clear	Gerber File	Available
Diameter	50 mm		
Height	10.7 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Pin, glue		
Status	Ready		

**Ordering number C11613_ANNA-50-5-M**

Family	Anna-50-5	FWHM	27 degrees
Type	Lens array	Efficiency	87 %
LED	LUXEON Rebel ES	cd/Im	2.300
Color	Clear	Gerber File	Available
Diameter	50 mm		
Height	10.7 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Pin, glue		
Status	Ready		

**Ordering number C11614_ANNA-50-5-W**

Family	Anna-50-5	FWHM	29 degrees
Type	Lens array	Efficiency	86 %
LED	LUXEON Rebel ES	cd/Im	2.200
Color	Clear	Gerber File	Available
Diameter	50 mm		
Height	10.7 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Pin, glue		
Status	Ready		

NOTE: The typical divergence will be changed by different color, chip size and chip position tolerance. The typical total divergence is the full angle measured where the luminous intensity is half of the peak value.



PRODUCT DATASHEET

Anna-50-5 series

last update 27/3/2012

PHILIPS
LUMILEDS

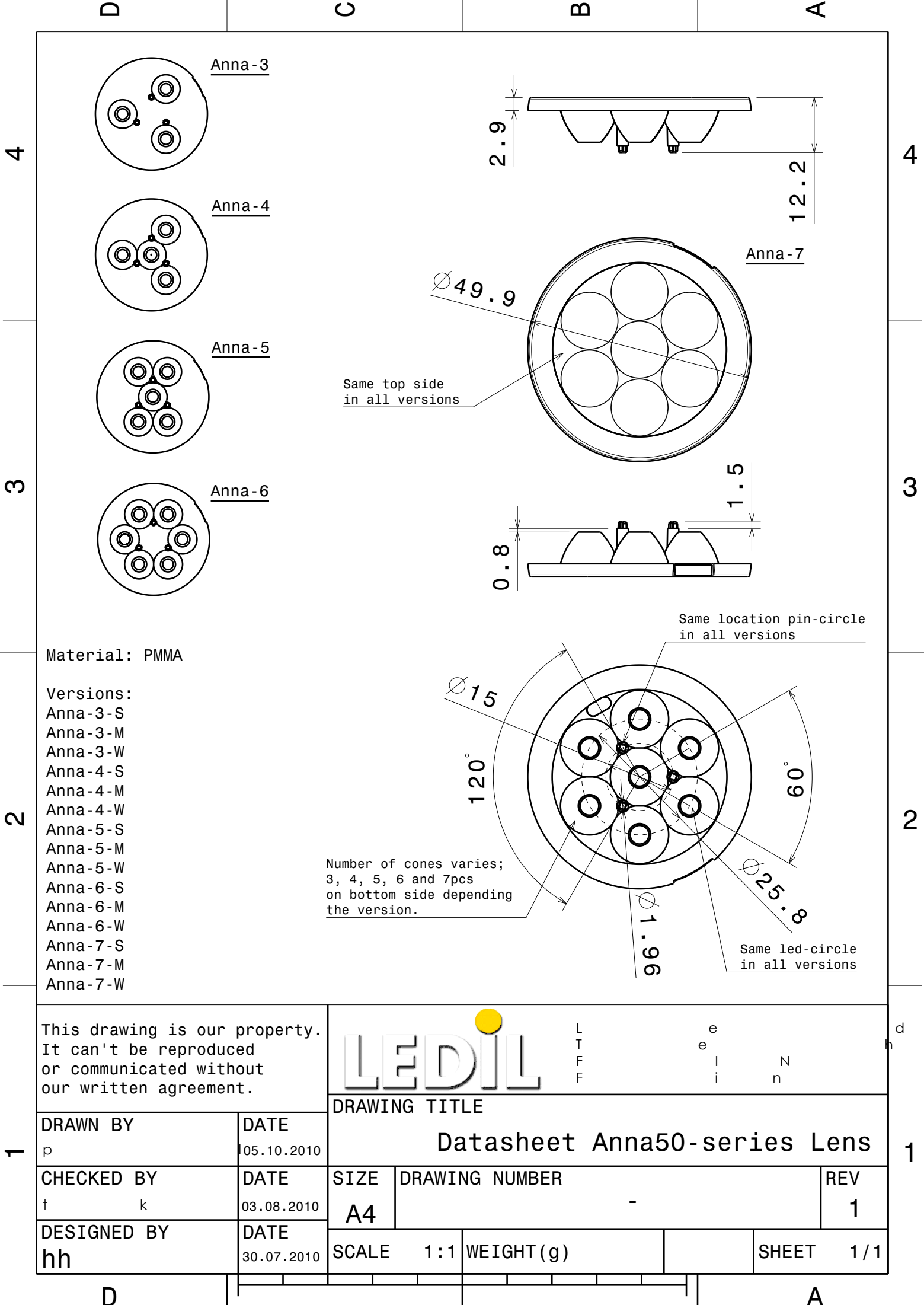
GENERAL INFORMATION

- Product series especially designed & optimized for LUXEON Rebel ES series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PMMA with high UV and temperature resistance. Allows use of high current and temperature conditions.

Please find more information about used material from below:

http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94_Yellow%20Card.pdf

<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20PLEXIGLAS-Datasheet.pdf>



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DRAWING TITLE

Datasheet Anna50-series Lens

DRAWN BY
p

DATE
05.10.2010

CHECKED BY
t k

DATE
03.08.2010

DESIGNED BY
hh

DATE
30.07.2010

SIZE A4	DRAWING NUMBER -	REV 1
SCALE 1 : 1	WEIGHT (g)	SHEET 1 / 1