

ANNA-40-5-M

~20° medium beam with 5 optics

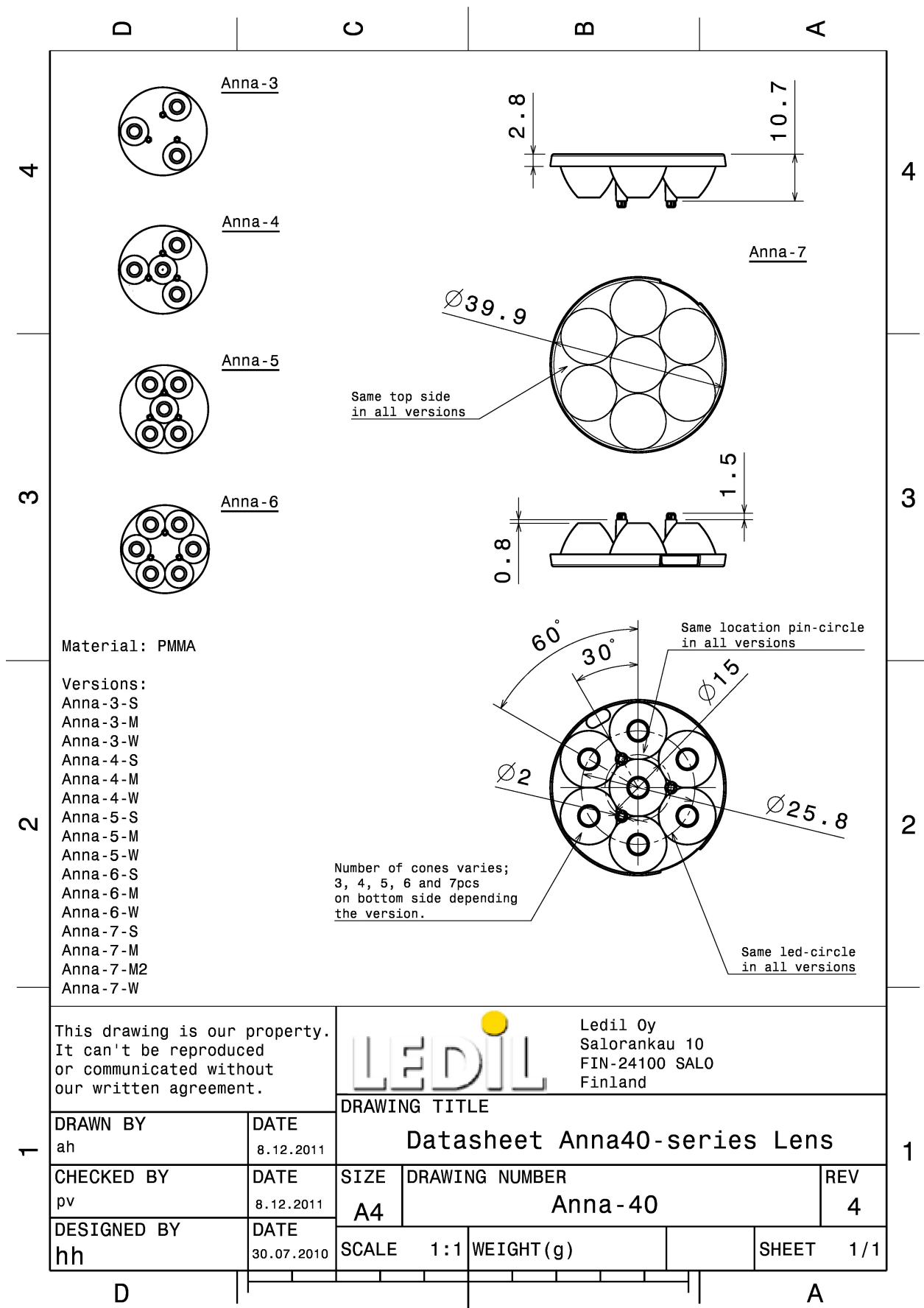
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 40.0 mm
Height	10.7 mm
Fastening	pin, glue
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	7.3 kg
Quantity in Box	760 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

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



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DRAWING TITLE					
DRAWN BY ah		DATE 8.12.2011		Datasheet Anna40-series Lens	
CHECKED BY pv	DATE 8.12.2011	SIZE A4	DRAWING NUMBER Anna-40		REV 4
DESIGNED BY hh	DATE 30.07.2010	SCALE 1:1	WEIGHT (g)	SHEET 1/1	

PHOTOMETRIC DATA (MEASURED):

CREE ⇄

LED XB-D
FWHM 22.0°
Efficiency 87 %
Peak intensity 3.450 cd/lm
LEDs/each optic 1
Light colour White
Required components:

CREE ⇄

LED XP-E
FWHM 19.0°
Efficiency 91 %
Peak intensity 5.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:

CREE ⇄

LED XP-G
FWHM 25.0°
Efficiency 91 %
Peak intensity 3.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:

LUMILEDS

LED LUXEON A
FWHM 26.0°
Efficiency 84 %
Peak intensity 2.840 cd/lm
LEDs/each optic 1
Light colour White
Required components:

PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED LUXEON Rebel
FWHM 18.0°
Efficiency 87 %
Peak intensity 5.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:

LUMILEDS

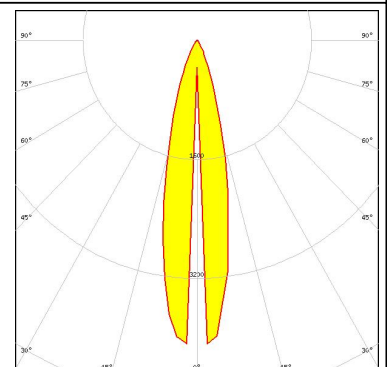
LED LUXEON Rebel ES
FWHM 27.0°
Efficiency 87 %
Peak intensity 2.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:

NICHIA

LED NCSxx19A
FWHM 23.0°
Efficiency 89 %
Peak intensity 3.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:

NICHIA

LED NF2x757A
FWHM 20.0°
Efficiency 90 %
Peak intensity 4.080 cd/lm
LEDs/each optic 1
Light colour White
Required components:



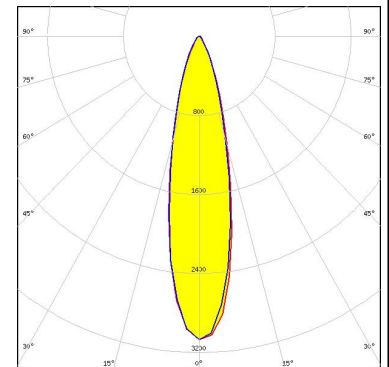
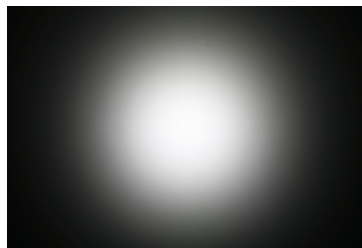
PHOTOMETRIC DATA (MEASURED):



LED NVSxx19A
FWHM 25.0°
Efficiency 89 %
Peak intensity 2.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED Duris S5 (2 chip)
FWHM 25.0°
Efficiency 85 %
Peak intensity 3.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED Oslon SSL 150
FWHM 22.0°
Efficiency 89 %
Peak intensity 4.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED Oslon SSL 80
FWHM 20.0°
Efficiency 88 %
Peak intensity 4.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:

PHOTOMETRIC DATA (SIMULATED):

	
SEOUL SEMICONDUCTOR	
LED	Z5
FWHM	23.0°
Efficiency	%
Peak intensity	cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
SHARP	
LED	Double Dome (GM2BB)
FWHM	24.0°
Efficiency	%
Peak intensity	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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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

Salo, Finland
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