

ANNA-40-6-S

~15° spot beam with 6 optics

SPECIFICATION:

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

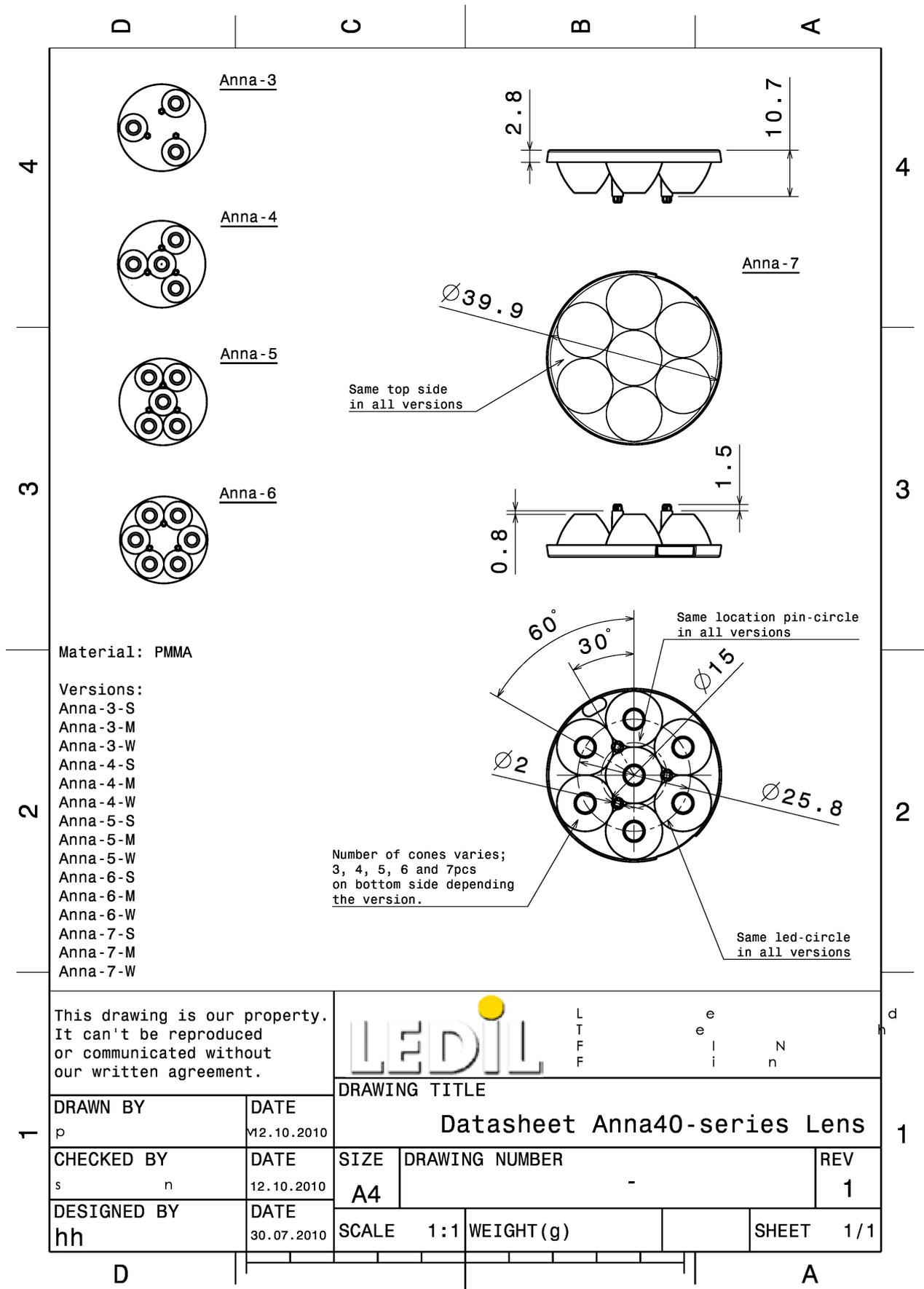


MATERIALS:

Component	Type	Material	Colour	Finish	Length
ANNA-40-6-S	Multi-lens	PMMA	clear		40.0

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C11805_ANNA-40-6-S » Box size: 480 x 280 x 300 mm	760	120	40	7.7



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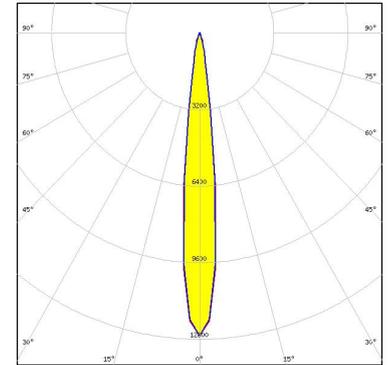
DRAWN BY p		DATE 12.10.2010	DRAWING TITLE Datasheet Anna40-series Lens		
CHECKED BY s n	DATE 12.10.2010	SIZE A4	DRAWING NUMBER -		REV 1
DESIGNED BY hh	DATE 30.07.2010	SCALE 1:1	WEIGHT (g)	SHEET 1/1	

See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



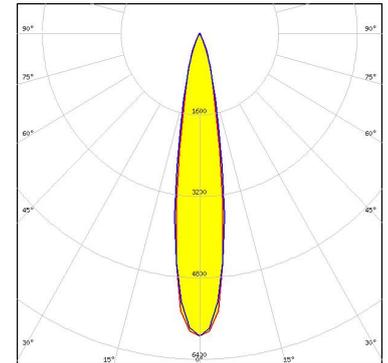
LED XP-E
FWHM / FWTM 12.0° / 38.0°
Efficiency 93 %
Peak intensity 12.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



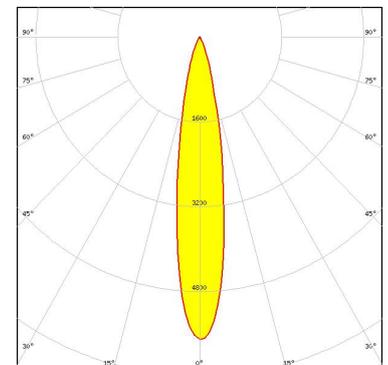
LED XP-G
FWHM / FWTM 18.0° / 39.0°
Efficiency 93 %
Peak intensity 5.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



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

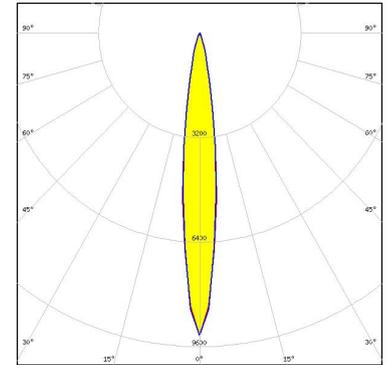


Light distribution files

OPTICAL RESULTS (MEASURED):



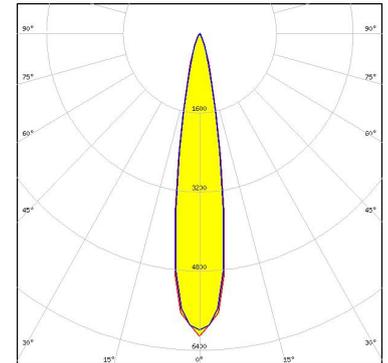
LED LUXEON Rebel
FWHM / FWTM 13.0° / 28.0°
Efficiency 92 %
Peak intensity 9.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



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



Light distribution files



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

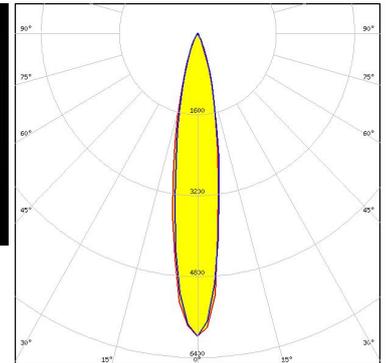
OPTICAL RESULTS (MEASURED):



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



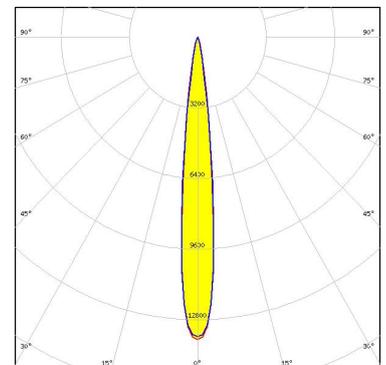
LED Duris S5 (2 chip)
FWHM / FWTM 18.0° / 41.0°
Efficiency 90 %
Peak intensity 6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



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

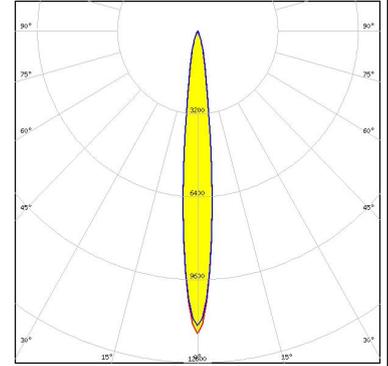


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

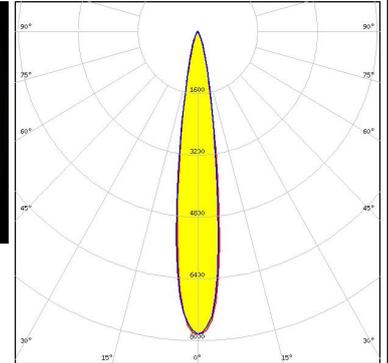
LED OSLON SSL 80
 FWHM / FWTM 11.0° / 26.0°
 Efficiency 90 %
 Peak intensity 11.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

SEOL
SEOUL SEMICONDUCTOR

LED Z5M
 FWHM / FWTM 15.0° / 32.0°
 Efficiency 92 %
 Peak intensity 7.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

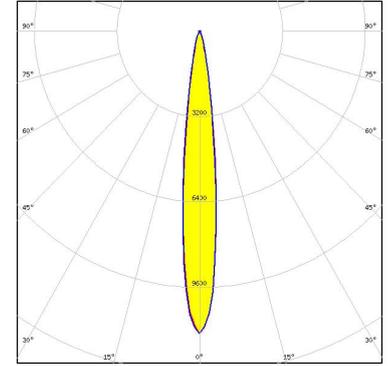


Light distribution files

OPTICAL RESULTS (SIMULATED):



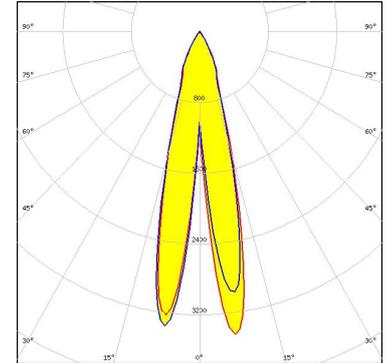
LED XD16
FWHM / FWTM 13.0° / 26.0°
Efficiency 94 %
Peak intensity 11.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON CZ
FWHM / FWTM 28.0° / 55.0°
Efficiency 96 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour/type Red
Required components:



Light distribution files



LED Double Dome (GM2BB)
FWHM / FWTM 12.0°
Efficiency %
LEDs/each optic 1
Light colour/type 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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