



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



ANNA-40-6-S

~15° spot beam with 6 optics

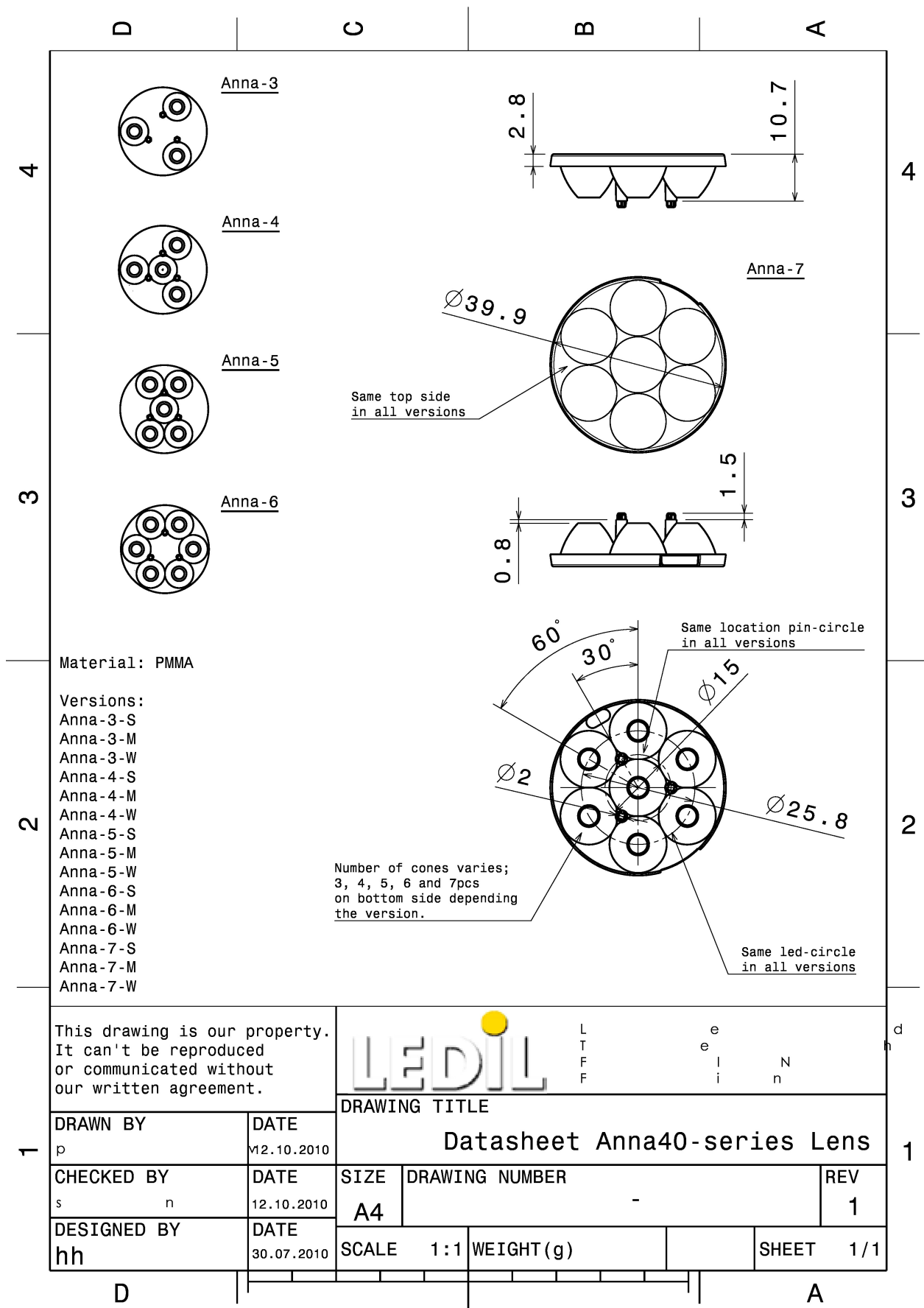
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 40 mm
Height	10.7 mm
Fastening	glue, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	7.7 kg
Quantity in Box	760 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
ANNA-40-6-S	Lens array	PMMA	clear



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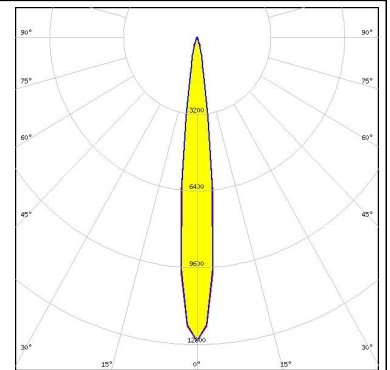


DRAWN BY p		DATE 12.10.2010	DRAWING TITLE Datasheet Anna40-series Lens			
CHECKED BY s n	DATE 12.10.2010	SIZE A4	DRAWING NUMBER -		REV 1	
DESIGNED BY hh	DATE 30.07.2010	SCALE 1:1	WEIGHT (g)	SHEET 1/1		

PHOTOMETRIC DATA (MEASURED):

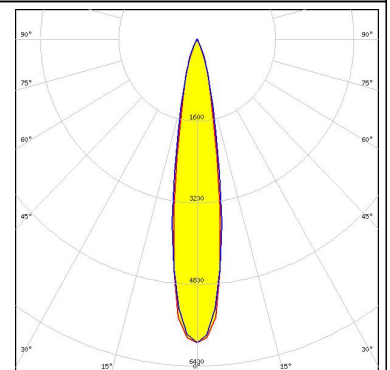
CREE

LED XP-E
FWHM 12.0°
Efficiency 93 %
Peak intensity 12.700 cd/lm
Required components:



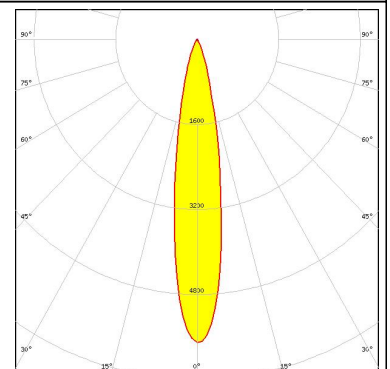
CREE

LED XP-G
FWHM 18.0°
Efficiency 93 %
Peak intensity 5.940 cd/lm
Required components:



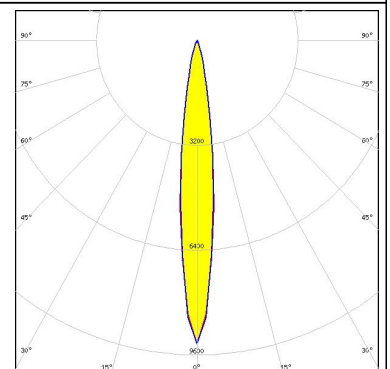
LUMILEDS

LED LUXEON A
FWHM 19.0°
Efficiency 87 %
Peak intensity 5.710 cd/lm
Required components:



LUMILEDS

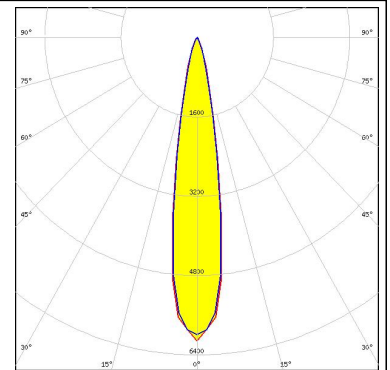
LED LUXEON Rebel
FWHM 13.0°
Efficiency 92 %
Peak intensity 9.300 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):



LED LUXEON Rebel ES
FWHM 18.0°
Efficiency 93 %
Peak intensity 6.100 cd/lm
Required components:



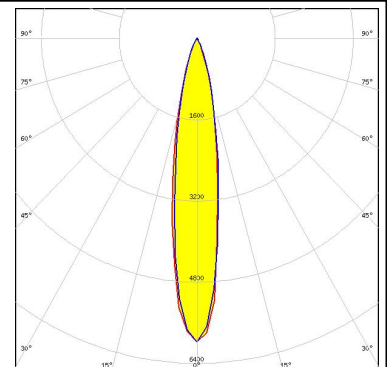
LED NCSxx19A
FWHM 16.0°
Efficiency 91 %
Peak intensity 6.700 cd/lm
Required components:



LED NVSxx19A
FWHM 19.0°
Efficiency 91 %
Peak intensity 4.900 cd/lm
Required components:



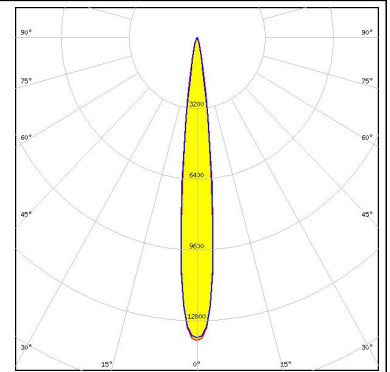
LED Duris S5 (2 chip)
FWHM 18.0°
Efficiency 90 %
Peak intensity 6.000 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

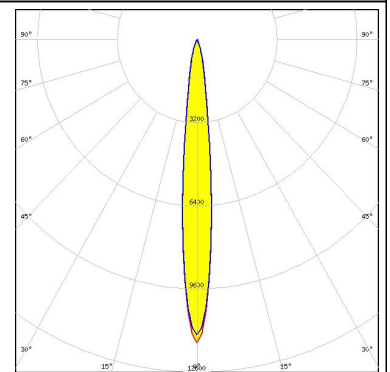
OSRAM
Opto Semiconductors

LED Oslon SSL 150
FWHM 12.0°
Efficiency 90 %
Peak intensity 13.700 cd/lm
Required components:



OSRAM
Opto Semiconductors

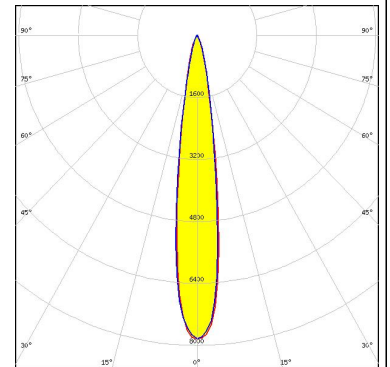
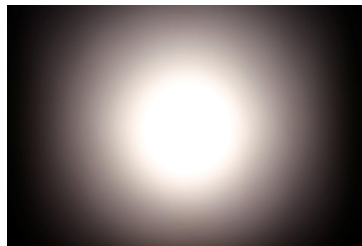
LED Oslon SSL 80
FWHM 11.0°
Efficiency 90 %
Peak intensity 11.700 cd/lm
Required components:



SEOL

SEOUL SEMICONDUCTOR

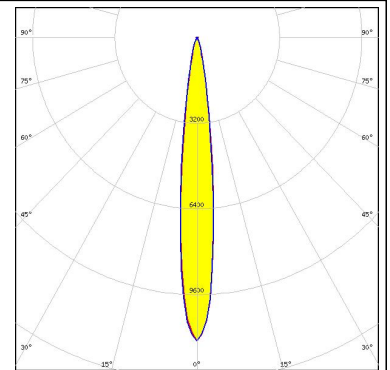
LED Z5M
FWHM 15.0°
Efficiency 92 %
Peak intensity 7.800 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):

CREE 

LED XD16
FWHM 13.0°
Efficiency 94 %
Peak intensity 11.300 cd/lm
Required components:



SHARP

LED Double Dome (GM2BB)
FWHM 12.0°
Efficiency %
Peak intensity cd/lm
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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