

ANNA-40-7-W

~30° wide beam with 7 optics

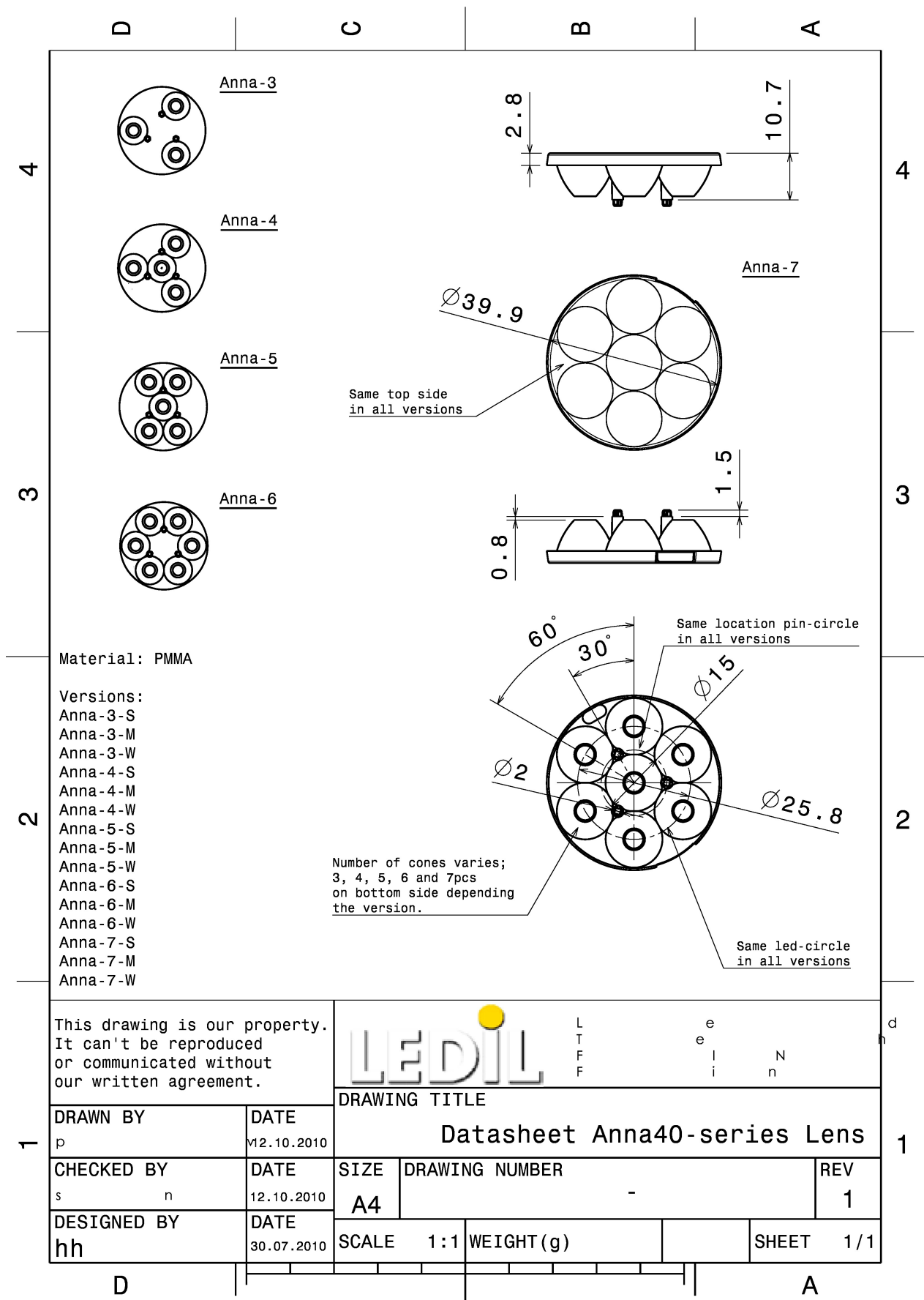
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 40 mm
Height	10.7 mm
Fastening	pin, glue
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-40-7-W	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	

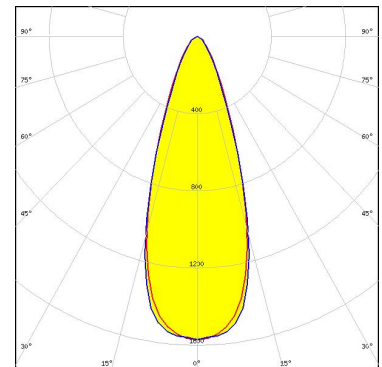
PHOTOMETRIC DATA (MEASURED):

CREE ⇄

LED XB-D
FWHM 29.0°
Efficiency 85 %
Peak intensity 2.170 cd/lm
Required components:

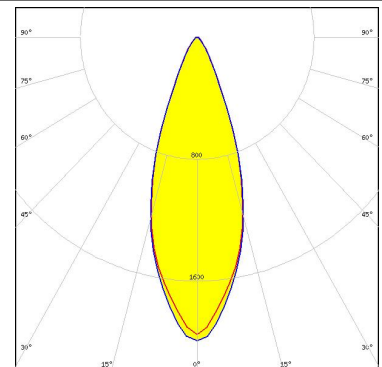
CREE ⇄

LED XP-E
FWHM 36.0°
Efficiency 87 %
Peak intensity 1.600 cd/lm
Required components:



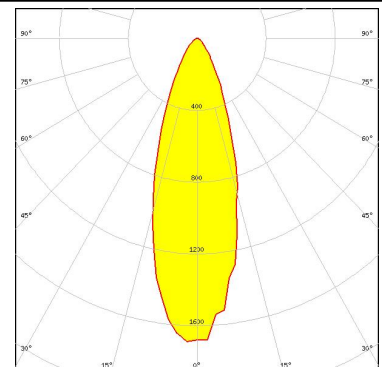
CREE ⇄

LED XP-G
FWHM 36.0°
Efficiency 87 %
Peak intensity 2.000 cd/lm
Required components:



LUMILEDS

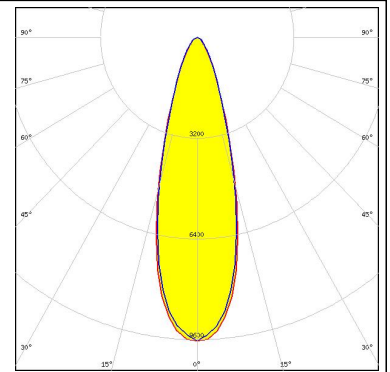
LED LUXEON A
FWHM 34.0°
Efficiency 82 %
Peak intensity 1.680 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

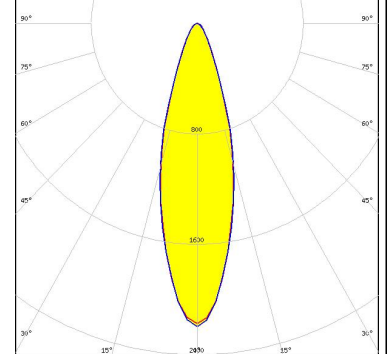
LUMILEDS

LED LUXEON Rebel
FWHM 30.0°
Efficiency 86 %
Peak intensity 1.900 cd/lm
Required components:



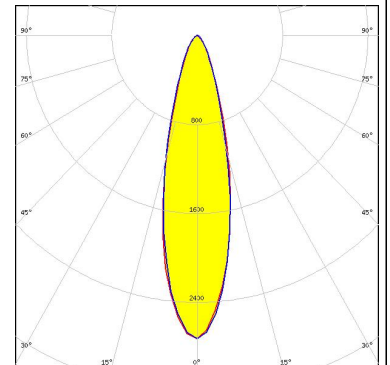
LUMILEDS

LED LUXEON Rebel ES
FWHM 29.0°
Efficiency 86 %
Peak intensity 2.200 cd/lm
Required components:



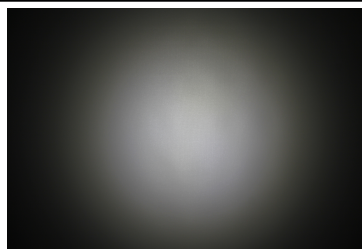
NICHIA

LED NCSxx19A
FWHM 28.0°
Efficiency 86 %
Peak intensity 2.700 cd/lm
Required components:



NICHIA

LED NF2x757G
FWHM 27.0°
Efficiency 85 %
Peak intensity 2.530 cd/lm
Required components:



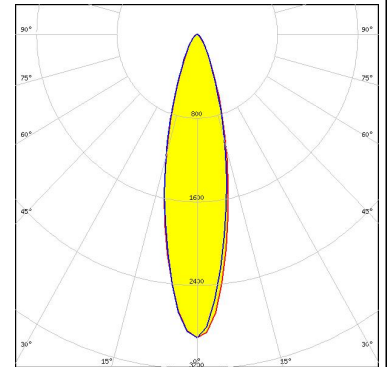
PHOTOMETRIC DATA (MEASURED):



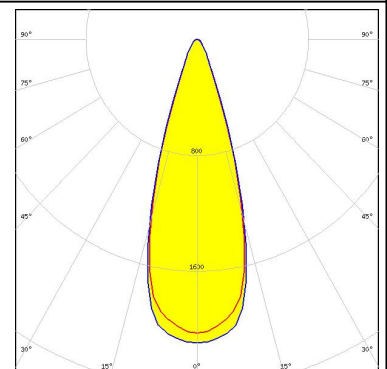
LED NVSxx19A
FWHM 33.0°
Efficiency 86 %
Peak intensity 1.500 cd/lm
Required components:



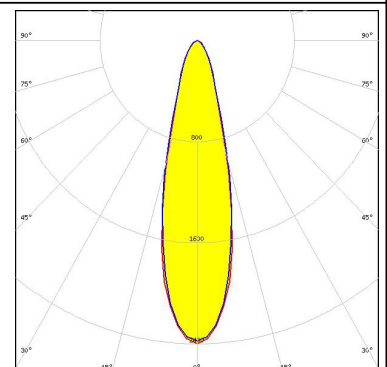
LED Duris S5 (2 chip)
FWHM 26.0°
Efficiency 88 %
Peak intensity 2.900 cd/lm
Required components:



LED Oslon SSL 150
FWHM 34.0°
Efficiency 89 %
Peak intensity 2.000 cd/lm
Required components:



LED Oslon SSL 80
FWHM 26.0°
Efficiency 87 %
Peak intensity 2.400 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):



PHOTOMETRIC DATA (SIMULATED):

 **LUMILEDS**

LED	LUXEON T
FWHM	34.0°
Efficiency	92 %
Peak intensity	2.390 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:

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