ANNA-40-7-M2

~25° medium beam with 7 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	7.8 kg
Quantity in Box	760 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
ANNA-40-7-M2	Multi-lens	PMMA	clear

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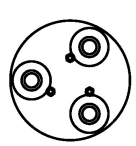

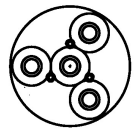

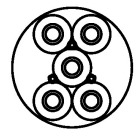

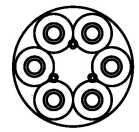

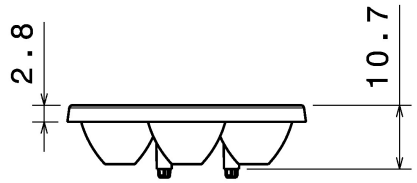

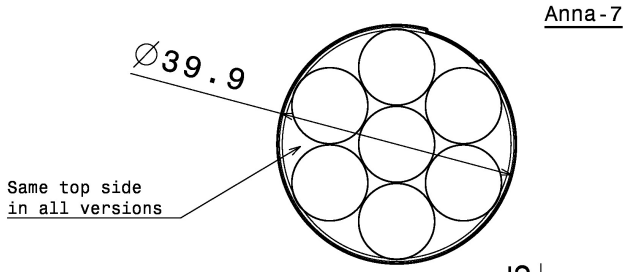

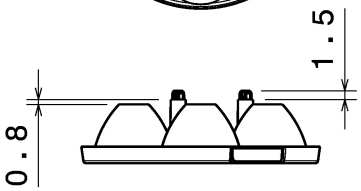

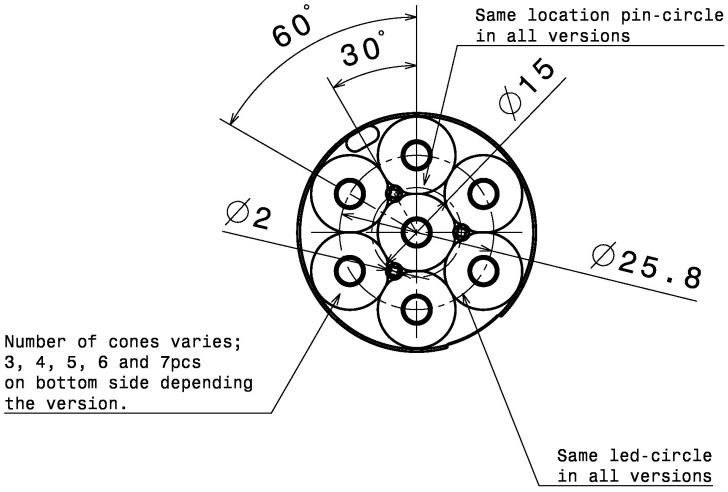

Material: PMMA

Versions:
Anna-3-S
Anna-3-M
Anna-3-W
Anna-4-S
Anna-4-M
Anna-4-W
Anna-5-S
Anna-5-M
Anna-5-W
Anna-6-S
Anna-6-M
Anna-6-W
Anna-7-S
Anna-7-M
Anna-7-W

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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	28.0°
Efficiency	88 %
Peak intensity	2.900 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE

LED	XP-G
FWHM	29.0°
Efficiency	89 %
Peak intensity	2.600 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

LUMILEDS

LED	LUXEON Rebel
FWHM	23.0°
Efficiency	88 %
Peak intensity	4.000 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

LUMILEDS

LED	LUXEON Rebel ES
FWHM	26.0°
Efficiency	87 %
Peak intensity	3.000 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

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PHOTOMETRIC DATA (MEASURED):

NICHIA

LED	NCSxx19A
FWHM	22.0°
Efficiency	85 %
Peak intensity	3.600 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

NICHIA

LED	NVSxx19A
FWHM	24.0°
Efficiency	85 %
Peak intensity	2.900 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

OSRAM Opto Semiconductors

LED	Oslon Square EC
FWHM	25.0°
Efficiency	85 %
Peak intensity	2.900 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

OSRAM Opto Semiconductors

LED	Oslon SSL 150
FWHM	25.0°
Efficiency	90 %
Peak intensity	3.400 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

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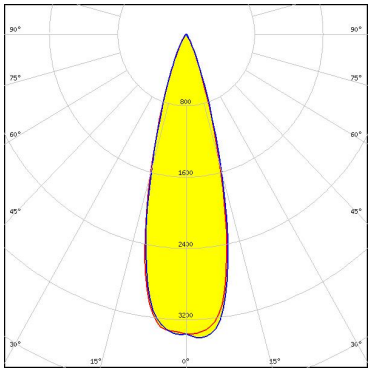
PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED	Oslon SSL 80
FWHM	23.0°
Efficiency	88 %
Peak intensity	3.700 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



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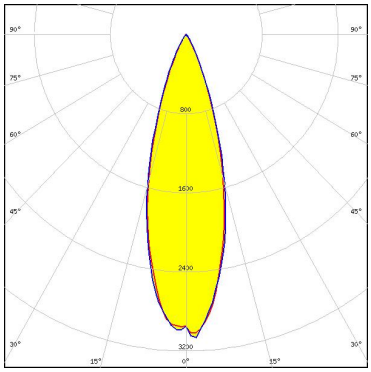
PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

LED	LUXEON T
FWHM	30.0°
Efficiency	92 %
Peak intensity	3.170 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

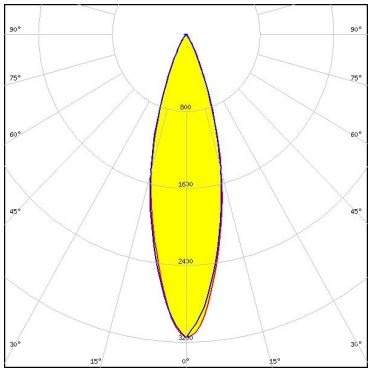
LUMILEDS

LED	LUXEON TX
FWHM	30.0°
Efficiency	92 %
Peak intensity	3.000 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

LED	NVSxx19B/NVSxx19C
FWHM	28.0°
Efficiency	92 %
Peak intensity	3.120 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SEOUL SEMICONDUCTOR

LED	Z5
FWHM	36.0°
Efficiency	%
Peak intensity	cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

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PHOTOMETRIC DATA (SIMULATED):

SHARP

LED	Double Dome (GM2BB)
FWHM	36.0°
Efficiency	%
Peak intensity	cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

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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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