ANNA-40-7-S

~15° spot beam with 7 optics

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 40.0 mm
Height	10.7 mm
Fastening	pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	8.2 kg
Quantity in Box	760 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

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

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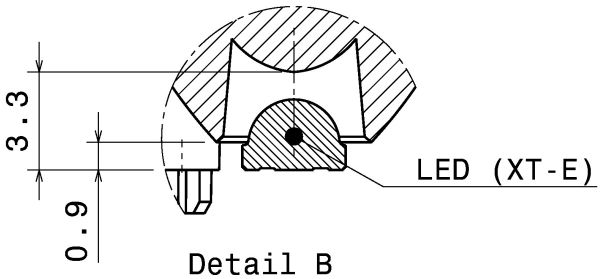
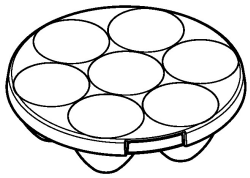
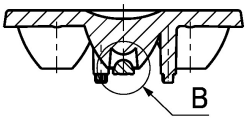


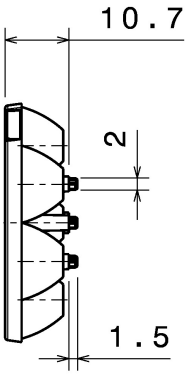
Detail B
Scale: 5:1

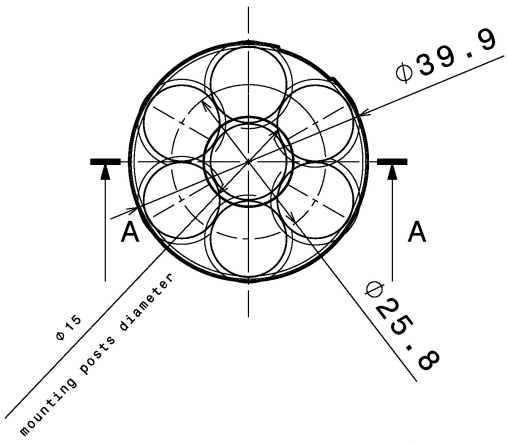


Isometric view
Scale: 1:1



Section view A-A
Scale: 1:1





INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	ANNA-40-7-series		PMMA	

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class F, otherwise class M.
According to DIN ISO 2768-2
Form and position: class K

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
ANNA-40-7-series

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SIZE A4 | PART NUMBER -

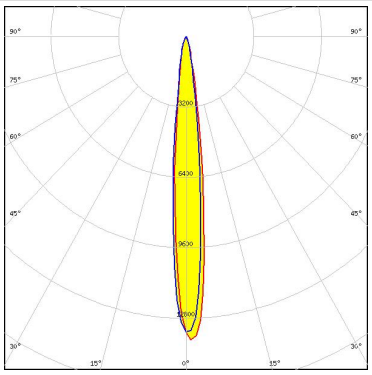
SCALE 1:1 | WEIGHT 7,60 g | SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

CREE

LED	XP-E2
FWHM	12.0°
Efficiency	87 %
Peak intensity	13.831 cd/lm
LEDs/each optic	1
Light colour	White

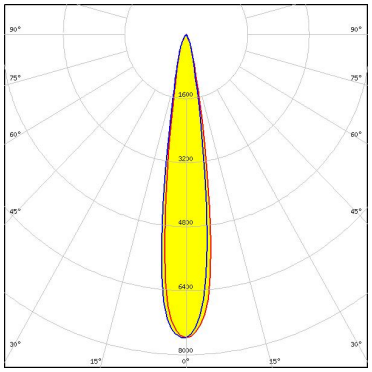
Required components:



CREE

LED	XP-G2
FWHM	17.0°
Efficiency	91 %
Peak intensity	7.600 cd/lm
LEDs/each optic	1
Light colour	White

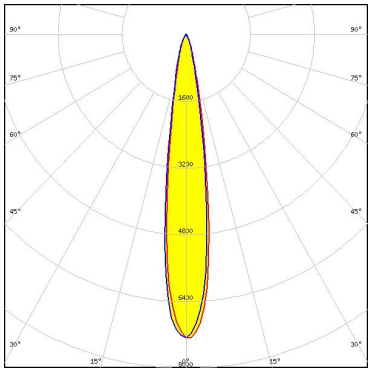
Required components:



CREE

LED	XT-E
FWHM	16.0°
Efficiency	89 %
Peak intensity	7.300 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



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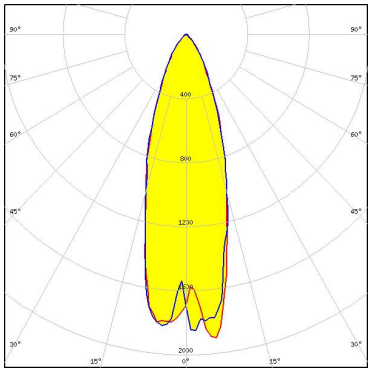
PHOTOMETRIC DATA (SIMULATED):

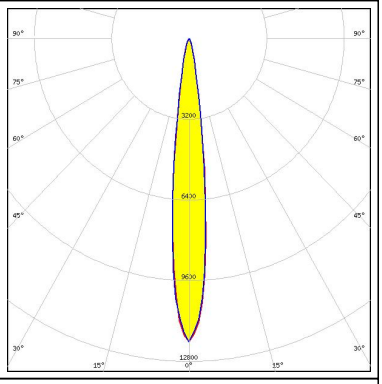
bridgelux

LED	SM4
FWHM	33.0°
Efficiency	87 %
Peak intensity	2.104 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



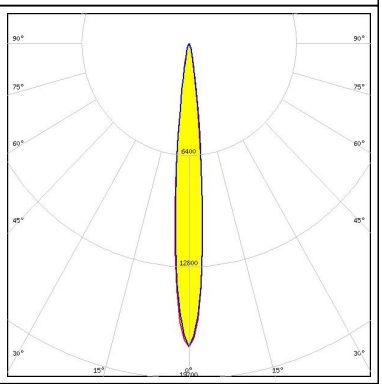
CREE

LED	XB-D
FWHM	13.0°
Efficiency	90 %
Peak intensity	12.030 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



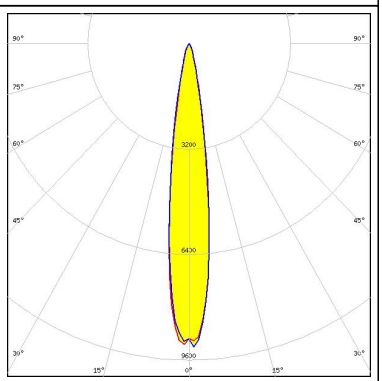
CREE

LED	XP-E
FWHM	11.0°
Efficiency	93 %
Peak intensity	17.390 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE

LED	XP-G
FWHM	15.0°
Efficiency	93 %
Peak intensity	9.337 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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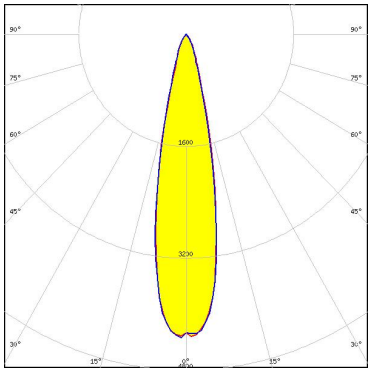
PHOTOMETRIC DATA (SIMULATED):

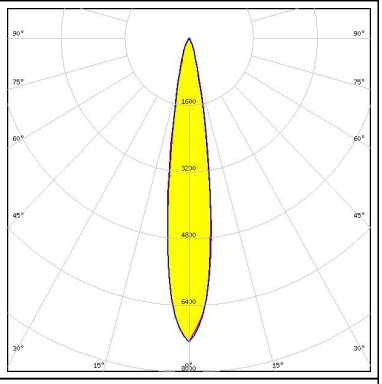
CREE

LED	XP-L HD
FWHM	22.0°
Efficiency	92 %
Peak intensity	4.370 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



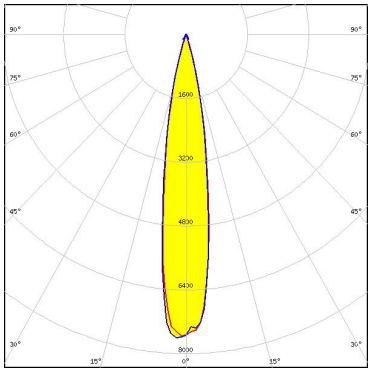
LG Innotek

LED	H35C0 (LEMWA33)
FWHM	16.0°
Efficiency	92 %
Peak intensity	7.270 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



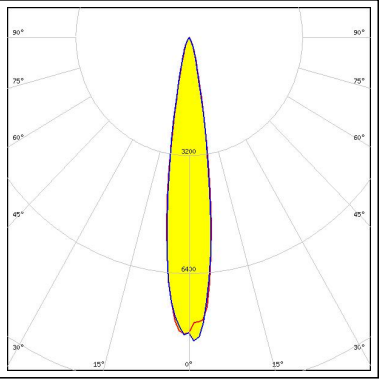
LUMILEDS

LED	LUXEON PWT
FWHM	17.0°
Efficiency	88 %
Peak intensity	7.630 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

LED	LUXEON T
FWHM	17.0°
Efficiency	92 %
Peak intensity	8.467 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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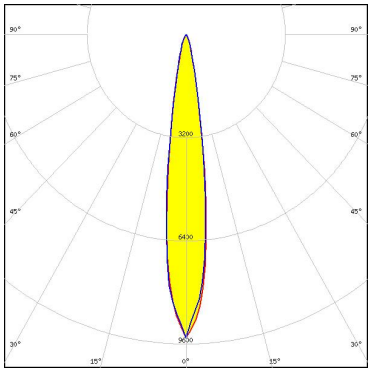
PHOTOMETRIC DATA (SIMULATED):

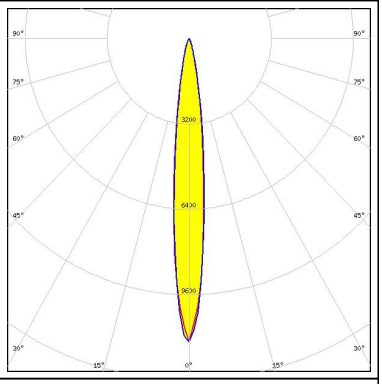
LUMILEDS

LED	LUXEON TX
FWHM	15.0°
Efficiency	93 %
Peak intensity	9.400 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



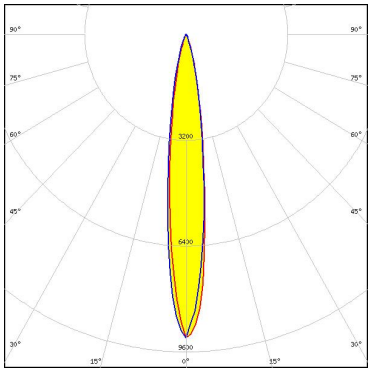
NICHIA

LED	NCSxx19A
FWHM	17.0°
Efficiency	87 %
Peak intensity	7.748 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



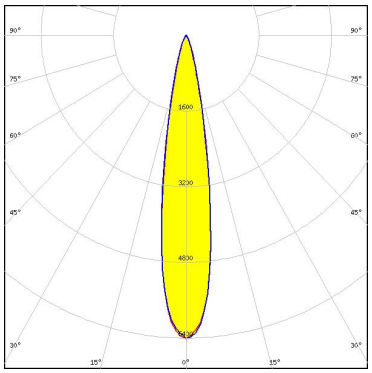
NICHIA

LED	NF2x757A
FWHM	14.0°
Efficiency	92 %
Peak intensity	9.180 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

LED	NVSxx19B/NVSxx19C
FWHM	18.0°
Efficiency	92 %
Peak intensity	6.270 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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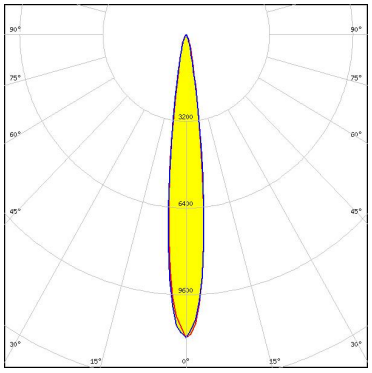
PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED	Oslon Square EC
FWHM	13.0°
Efficiency	92 %
Peak intensity	11.210 cd/lm
LEDs/each optic	1
Light colour	White

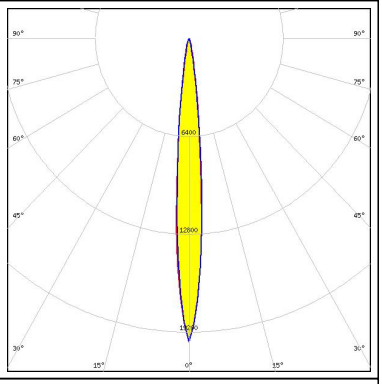
Required components:



OSRAM
Opto Semiconductors

LED	Oslon SSL 150
FWHM	10.0°
Efficiency	92 %
Peak intensity	19.840 cd/lm
LEDs/each optic	1
Light colour	White

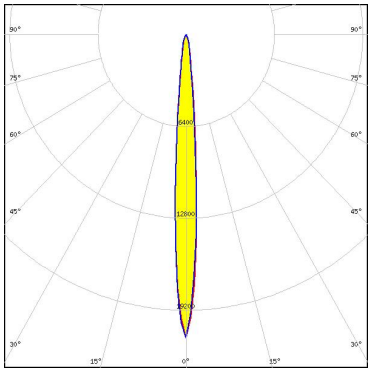
Required components:



OSRAM
Opto Semiconductors

LED	Oslon SSL 80
FWHM	8.0°
Efficiency	%
Peak intensity	21.130 cd/lm
LEDs/each optic	1
Light colour	White

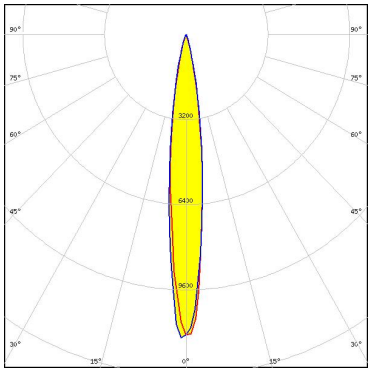
Required components:



OSRAM
Opto Semiconductors

LED	SFH 4715S
FWHM	13.0°
Efficiency	90 %
Peak intensity	11.690 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



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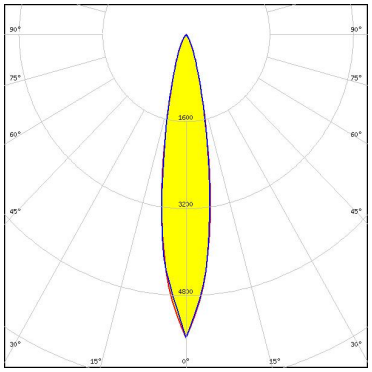
PHOTOMETRIC DATA (SIMULATED):

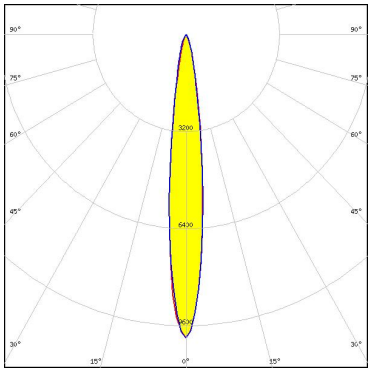
SEOUL SEMICONDUCTOR

LED	Z8Y22P
FWHM	18.0°
Efficiency	90 %
Peak intensity	5.500 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SHARP

LED	Double Dome (GM2BB)
FWHM	13.0°
Efficiency	89 %
Peak intensity	10.000 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:

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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