OLGA-WAS

Asymmetric beam for wall-washing. Assembly with holder and installation tape.

TECHNICAL SPECIFICATIONS:

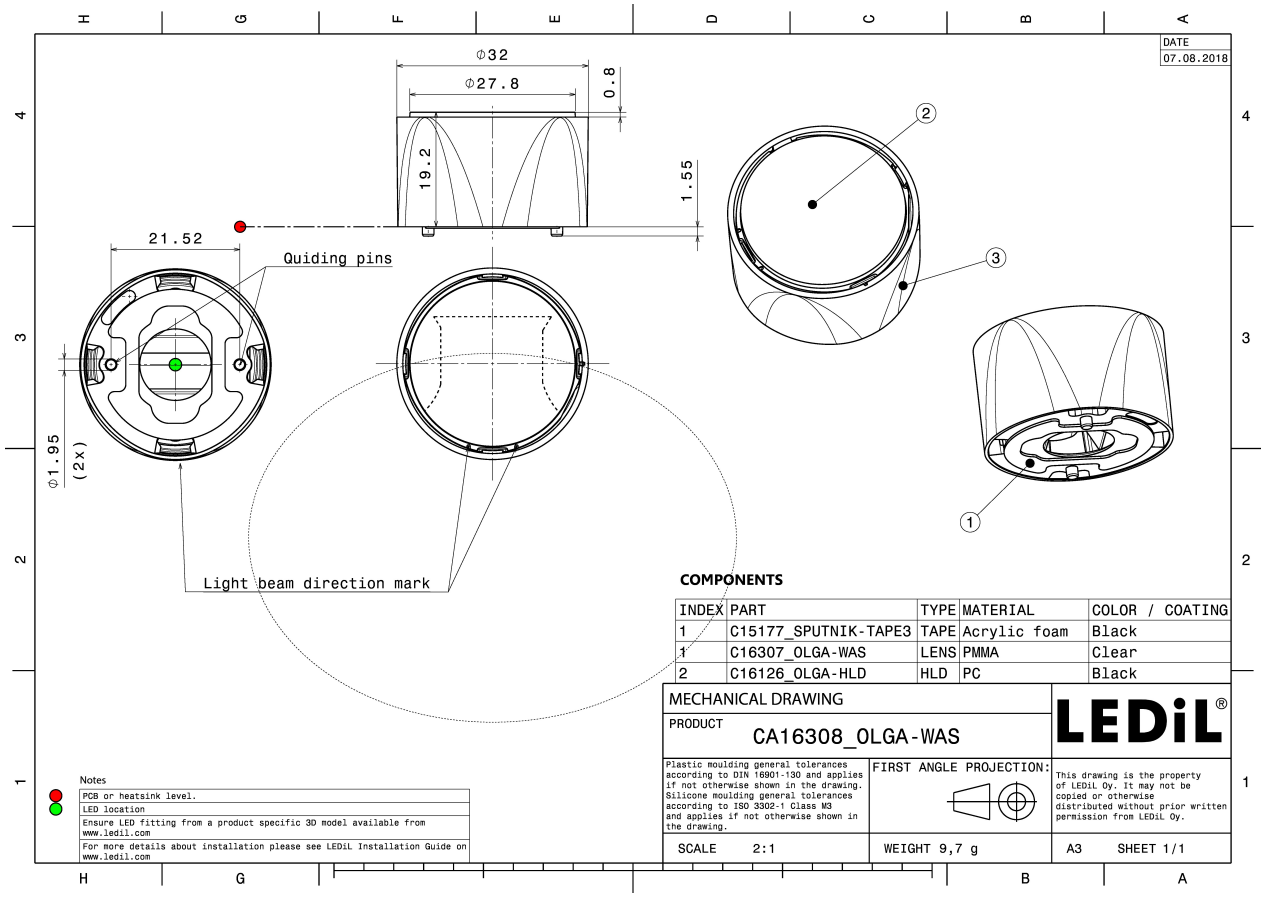
Dimensions	Ø 32.0 mm
Height	20.8 mm
Fastening	tape
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
OLGA-WAS	Single lens	PMMA	clear	
OLGA-HLD	Holder	PC	black	
SPUTNIK-TAPE3	Tape	PU tape	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA16308_OLGA-WAS » Box size: 476 x 273 x 292 mm	Single lens	792	132	66	9.0



COMPONENTS

INDEX	PART	TYPE	MATERIAL	COLOR / COATING
1	C15177_SPUTNIK-TAPE3	TAPE	Acrylic foam	Black
1	C16307_OLGA-WAS	LENS	PMMA	Clear
2	C16126_OLGA-HLD	HLD	PC	Black

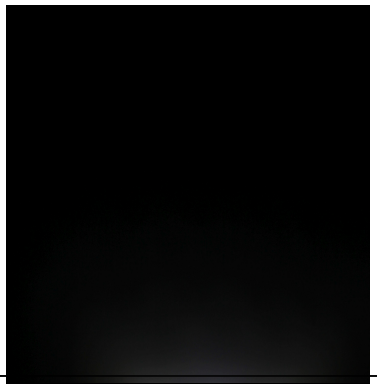
See also our general installation guide: www.ledil.com/installation_guide

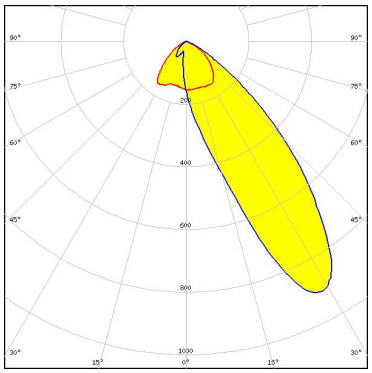
PHOTOMETRIC DATA (MEASURED):

CREE

LED	XHP35 HD
FWHM	Asymmetric
Efficiency	73 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

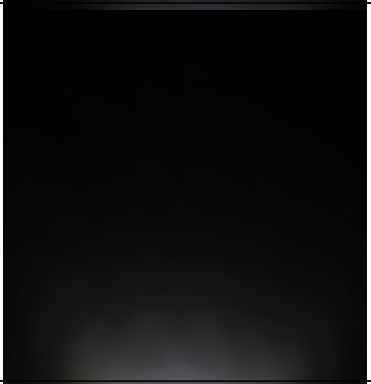


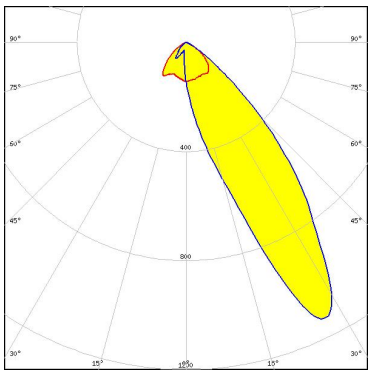


CREE

LED	XHP35 HI
FWHM	Asymmetric
Efficiency	76 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

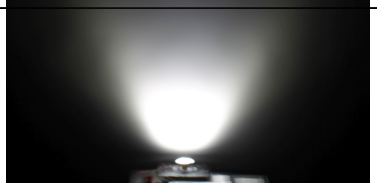


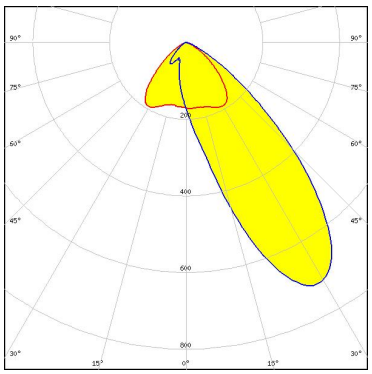


CREE

LED	XHP50.2
FWHM	Asymmetric
Efficiency	67 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

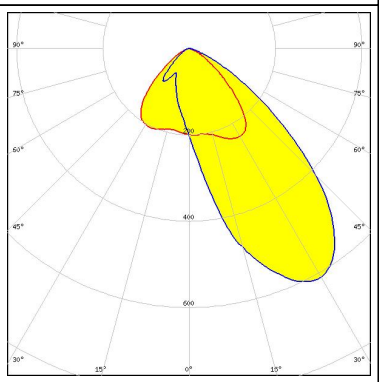




CREE

LED	XHP70.2
FWHM	Asymmetric
Efficiency	70 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

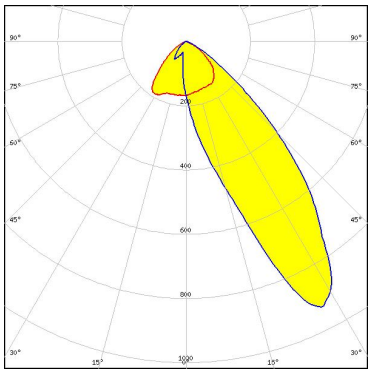


PHOTOMETRIC DATA (MEASURED):

CREE

LED	XM-L3
FWHM	Asymmetric
Efficiency	72 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White

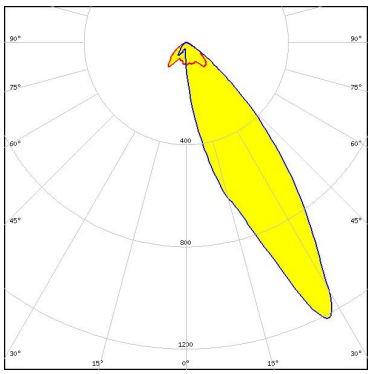
Required components:



CREE

LED	XP-E2
FWHM	Asymmetric
Efficiency	76 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour	White

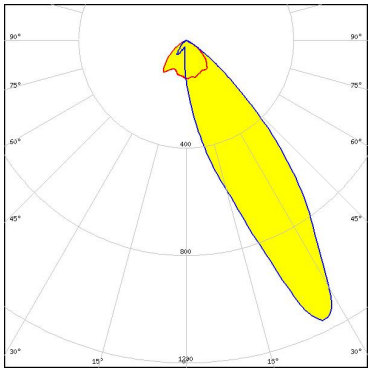
Required components:



CREE

LED	XP-G2
FWHM	Asymmetric
Efficiency	75 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White

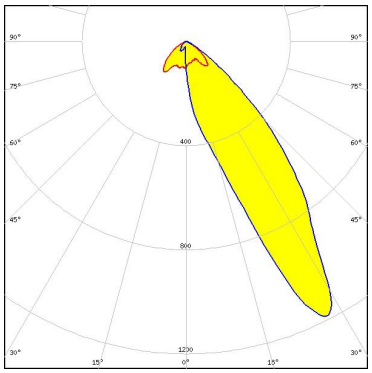
Required components:



CREE

LED	XP-G2
FWHM	Asymmetric
Efficiency	76 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

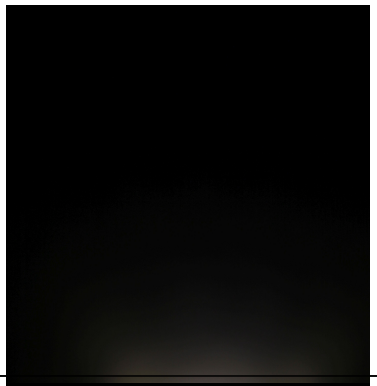


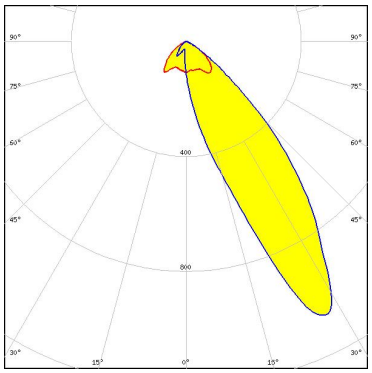
PHOTOMETRIC DATA (MEASURED):

CREE

LED	XP-G3
FWHM	Asymmetric
Efficiency	72 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

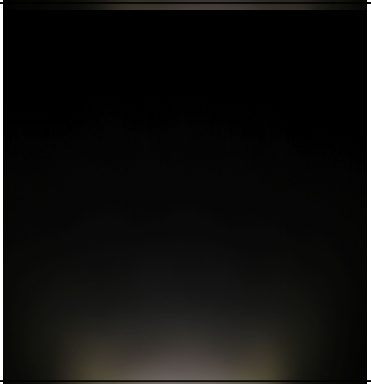


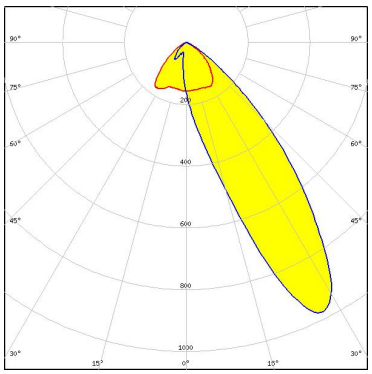


CREE

LED	XP-L2
FWHM	Asymmetric
Efficiency	72 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

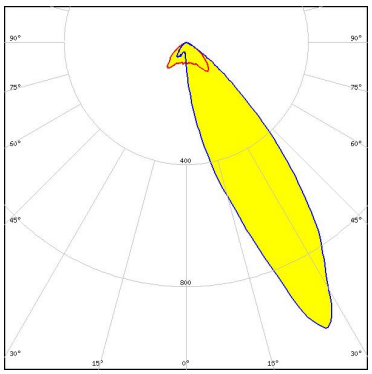




CREE

LED	XQ-E HD
FWHM	Asymmetric
Efficiency	67 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White

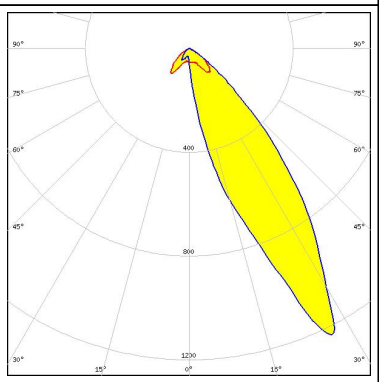
Required components:



CREE

LED	XQ-E HI
FWHM	Asymmetric
Efficiency	72 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour	White

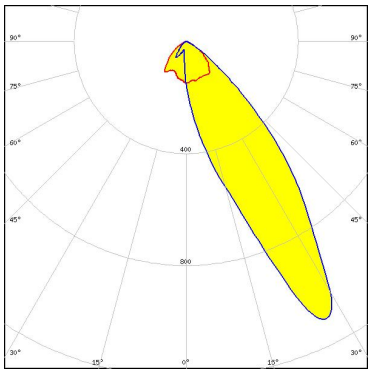
Required components:



PHOTOMETRIC DATA (MEASURED):

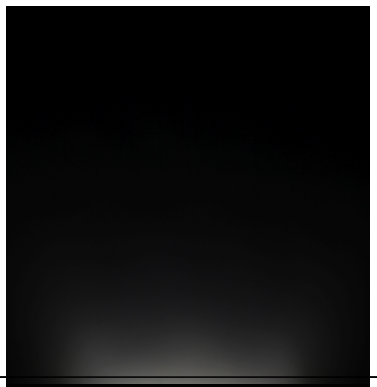
CREE

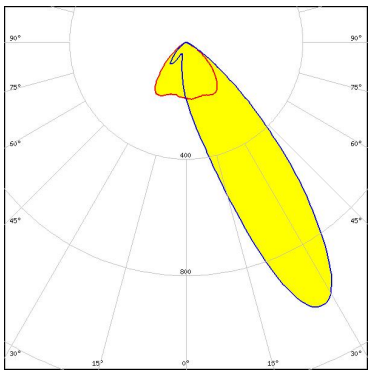
LED	XT-E
FWHM	Asymmetric
Efficiency	71 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

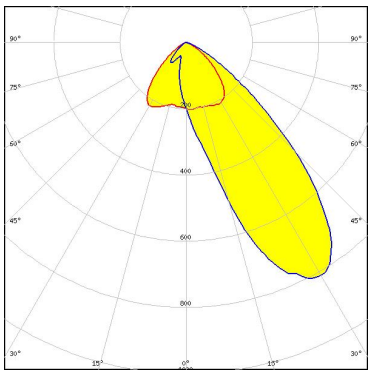
LED	LUXEON 5050 Round LES
FWHM	Asymmetric
Efficiency	75 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





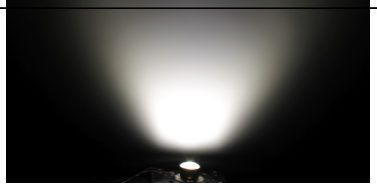
LUMILEDS

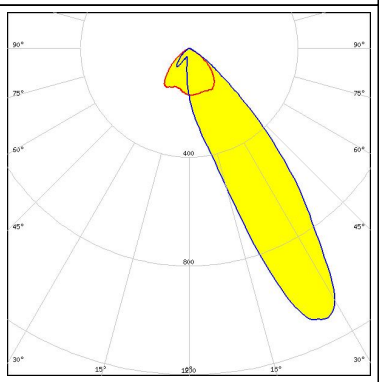
LED	LUXEON M/MX
FWHM	Asymmetric
Efficiency	75 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

LED	LUXEON MZ
FWHM	Asymmetric
Efficiency	75 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

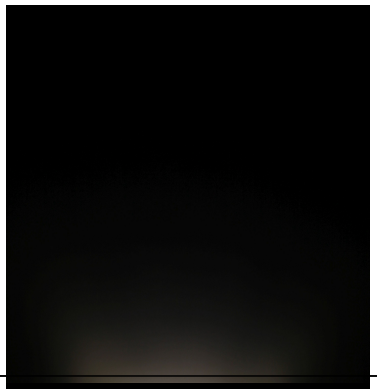


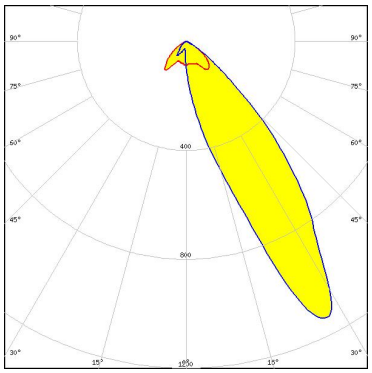


PHOTOMETRIC DATA (MEASURED):

LUMILEDS

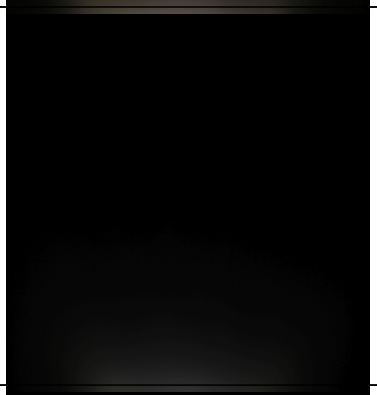
LED	LUXEON TX
FWHM	Asymmetric
Efficiency	72 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

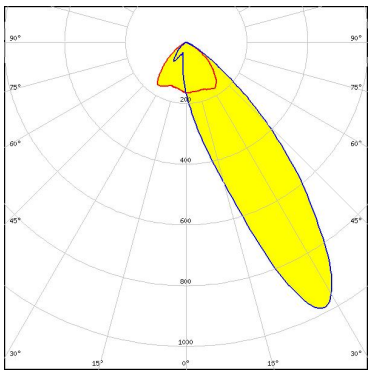




LUMILEDS

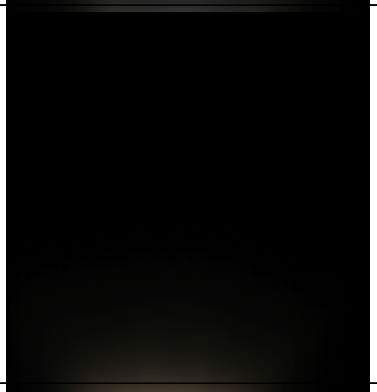
LED	LUXEON V
FWHM	Asymmetric
Efficiency	73 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

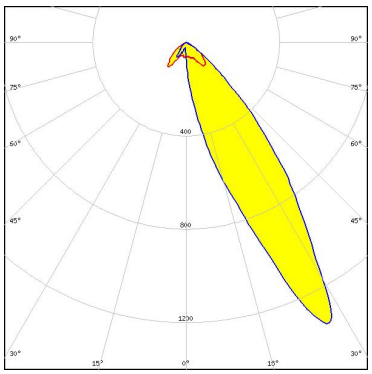




LUMILEDS

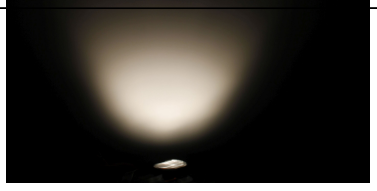
LED	LUXEON Z ES
FWHM	Asymmetric
Efficiency	76 %
Peak intensity	1.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

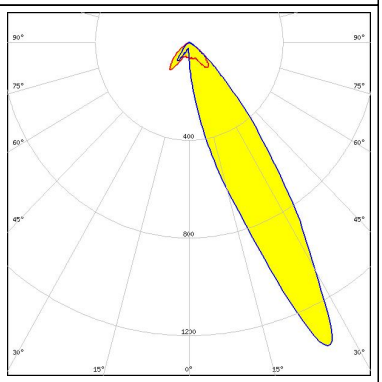




NICHIA

LED	NCSxE17A
FWHM	Asymmetric
Efficiency	72 %
Peak intensity	1.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

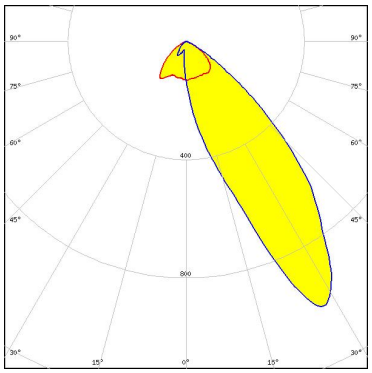




PHOTOMETRIC DATA (MEASURED):

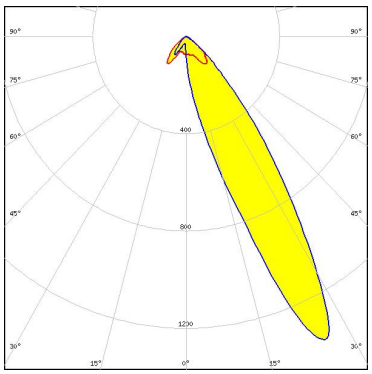
NICHIA

LED	NVSW319B
FWHM	Asymmetric
Efficiency	75 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



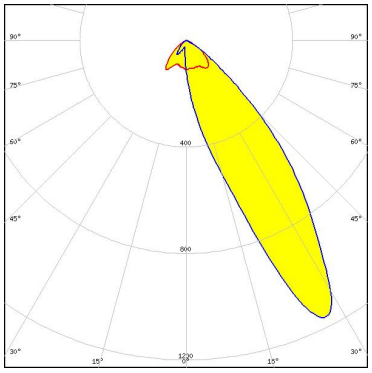
NICHIA

LED	NVSxE21A
FWHM	Asymmetric
Efficiency	72 %
Peak intensity	1.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



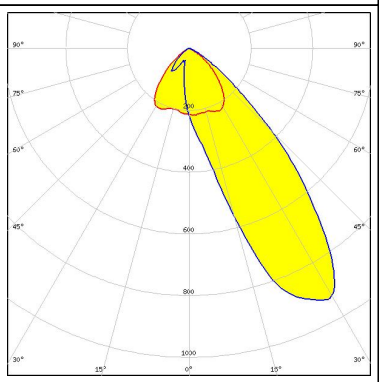
NICHIA

LED	NVSxx19B/NVSxx19C
FWHM	Asymmetric
Efficiency	75 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OSRAM
Opto Semiconductors

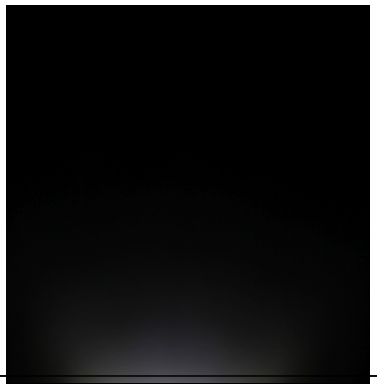
LED	Duris S8
FWHM	Asymmetric
Efficiency	75 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

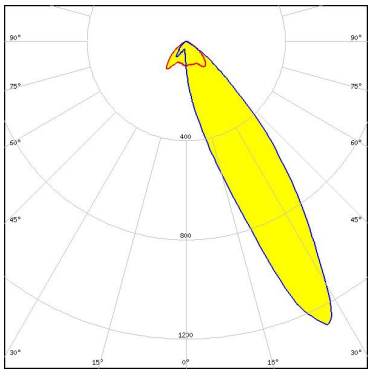


PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

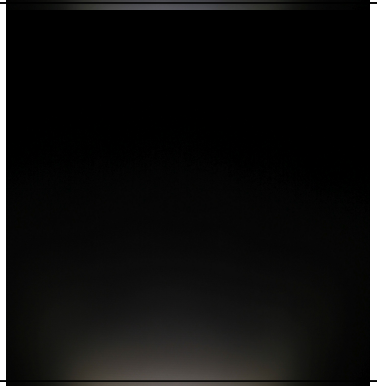
LED	OSCONIQ P 3737 (2W version)
FWHM	Asymmetric
Efficiency	75 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

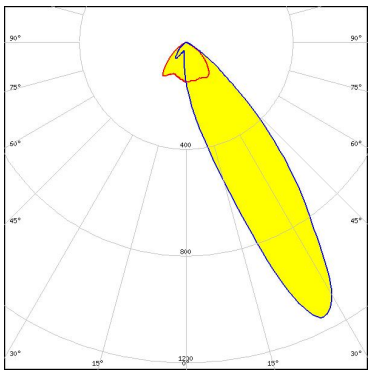




OSRAM
Opto Semiconductors

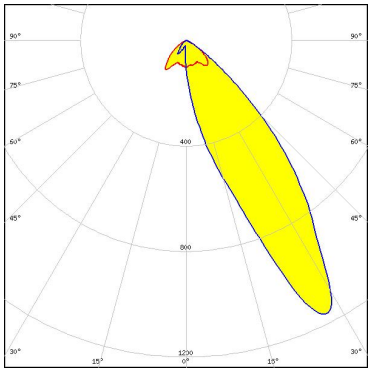
LED	OSCONIQ P 3737 (3W version)
FWHM	Asymmetric
Efficiency	75 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





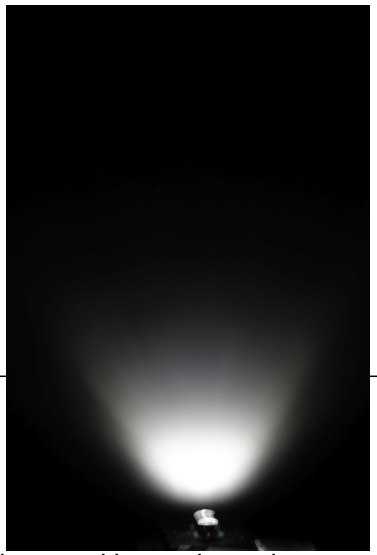
OSRAM
Opto Semiconductors

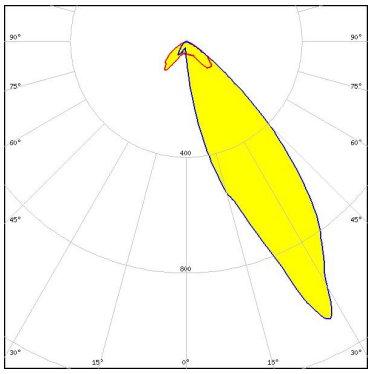
LED	OSLON Square CSSRM2/CSSRM3
FWHM	Asymmetric
Efficiency	76 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OSRAM
Opto Semiconductors

LED	OSLON SSL 150
FWHM	Asymmetric
Efficiency	71 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



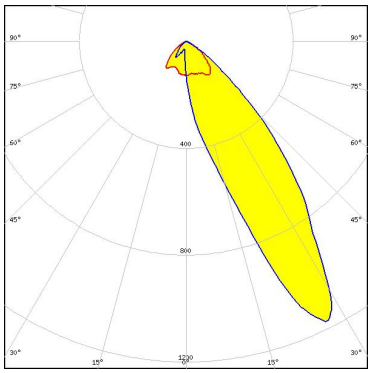


PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED	OSTAR Stage (S2WN)
FWHM	Asymmetric
Efficiency	76 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	RGBW

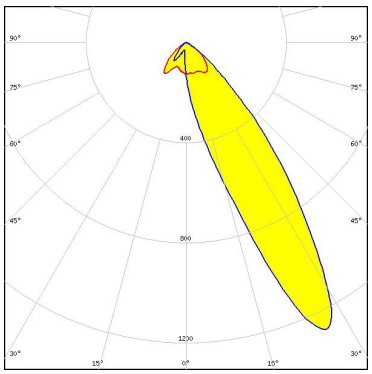
Required components:



SAMSUNG

LED	LH231B
FWHM	Asymmetric
Efficiency	74 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour	White

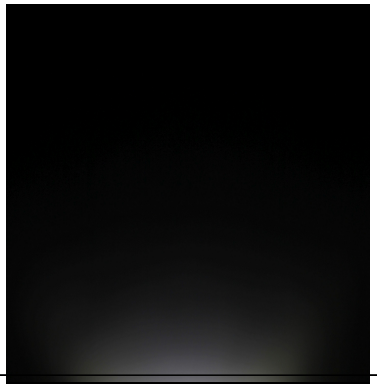
Required components:

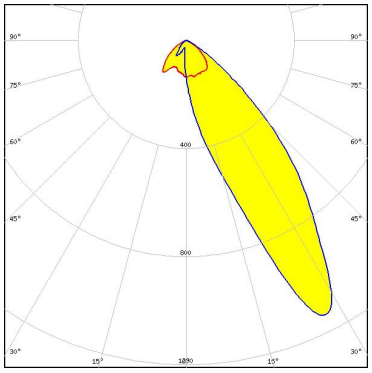


SAMSUNG

LED	LH351B
FWHM	Asymmetric
Efficiency	78 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

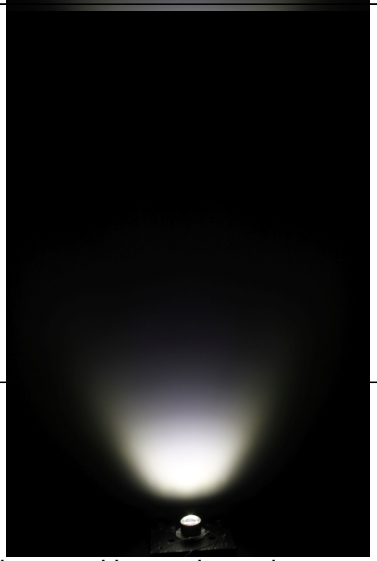


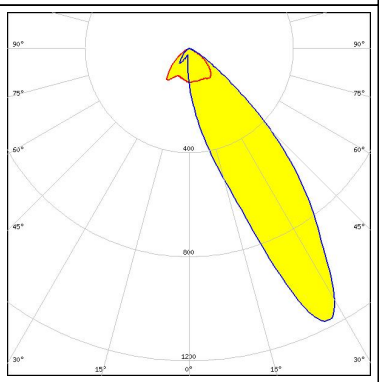


SAMSUNG

LED	LH351C
FWHM	Asymmetric
Efficiency	79 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

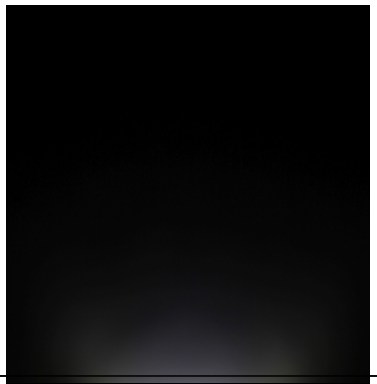


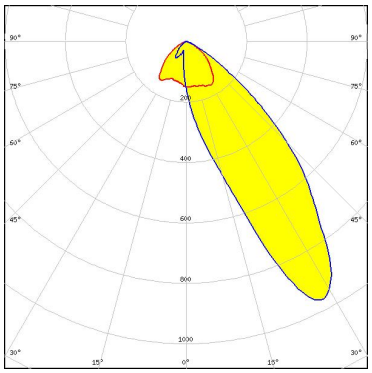


PHOTOMETRIC DATA (MEASURED):

SAMSUNG

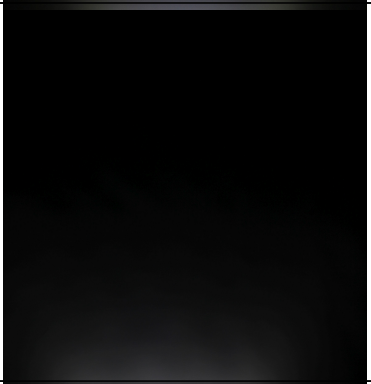
LED	LH351D
FWHM	Asymmetric
Efficiency	77 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

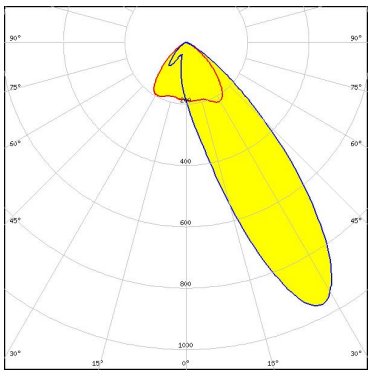




SAMSUNG

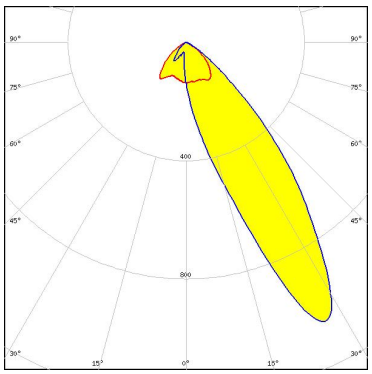
LED	LH508A
FWHM	Asymmetric
Efficiency	75 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





SEOUL SEMICONDUCTOR

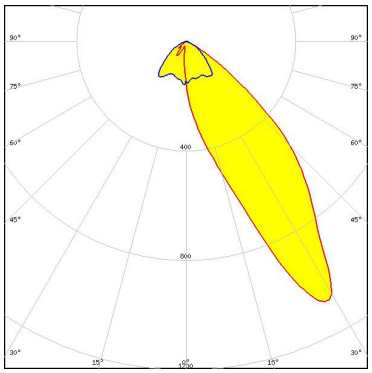
LED	Z5M3
FWHM	Asymmetric
Efficiency	71 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHOTOMETRIC DATA (SIMULATED):

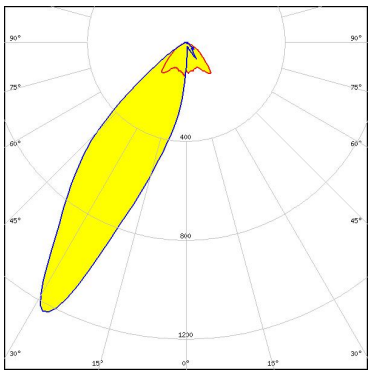
CREE

LED	XP-G2 HE
FWHM	Asymmetric
Efficiency	79 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



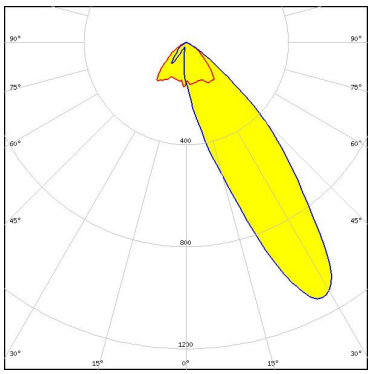
CREE

LED	XP-L HI
FWHM	Asymmetric
Efficiency	80 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



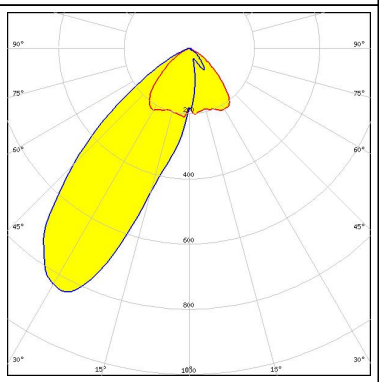
NICHIA

LED	NV4WB35AM
FWHM	Asymmetric
Efficiency	78 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

LED	NV4x144A
FWHM	Asymmetric
Efficiency	78 %
Peak intensity	0.8 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.

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