

OLGA-WAS

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



TECHNICAL SPECIFICATIONS:

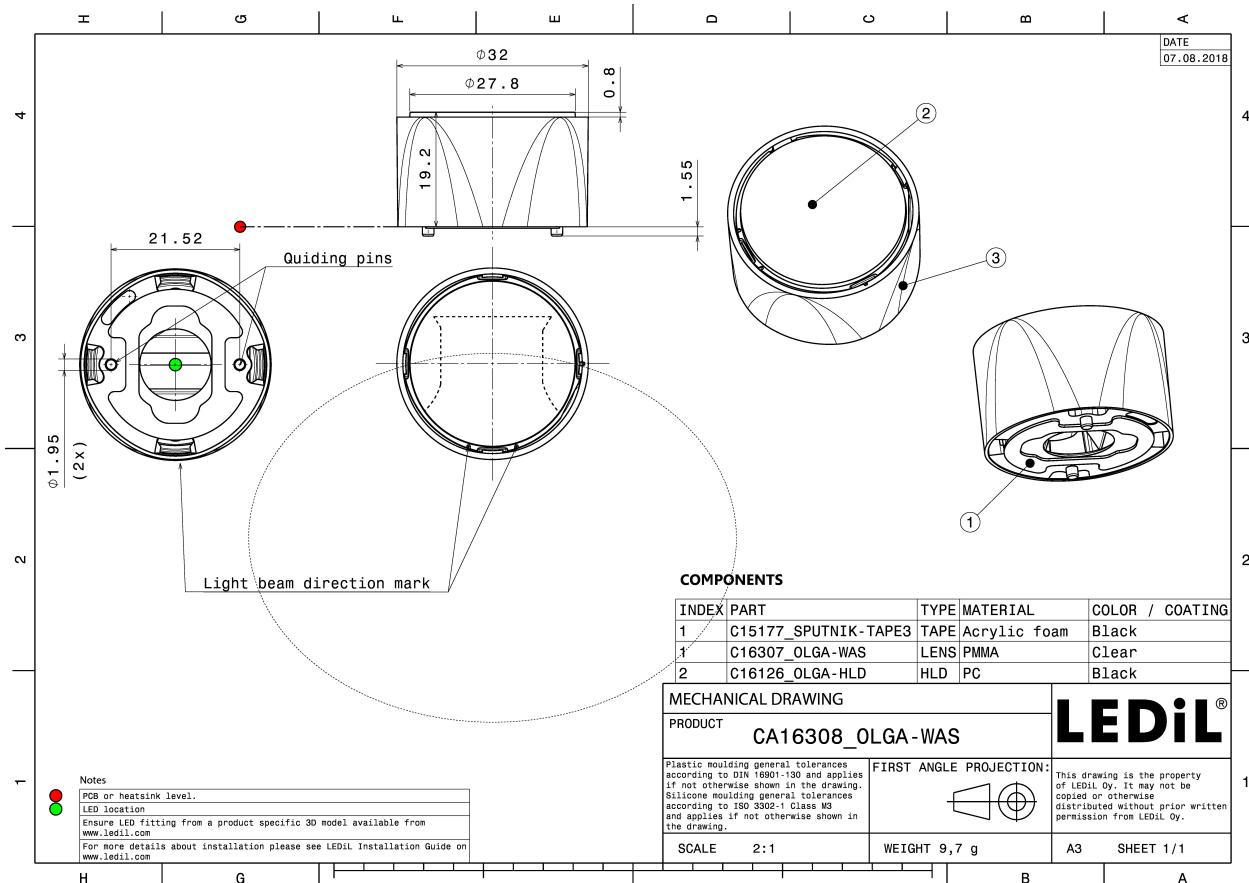
Dimensions	Ø 32.0 mm
Height	20.8 mm
Fastening	tape
ROHS compliant	yes 

MATERIAL SPECIFICATIONS:

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

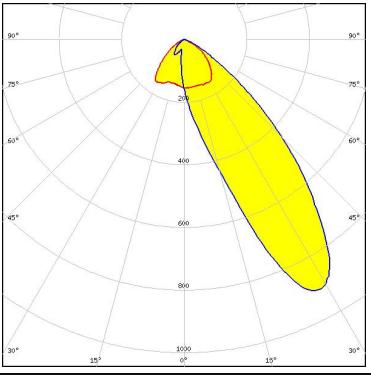
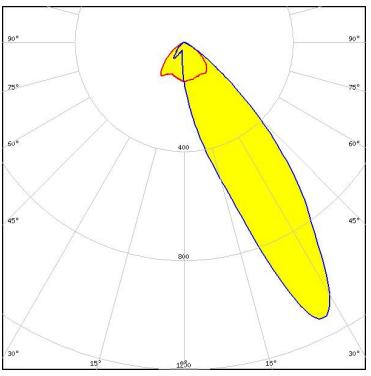
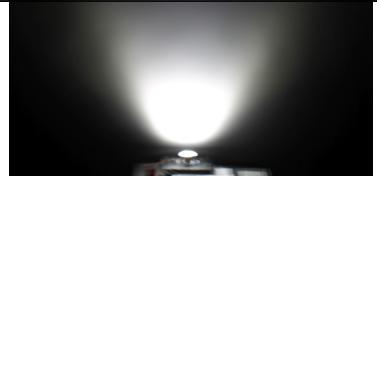
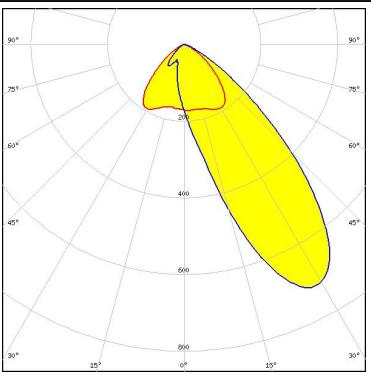
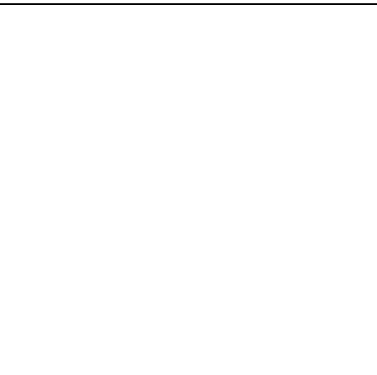
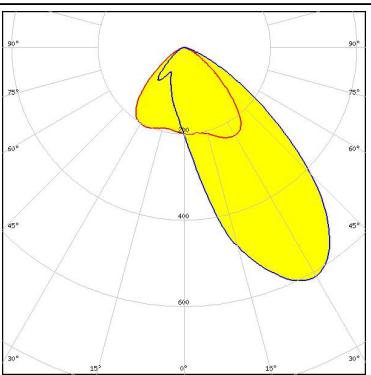
ORDERING INFORMATION:

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

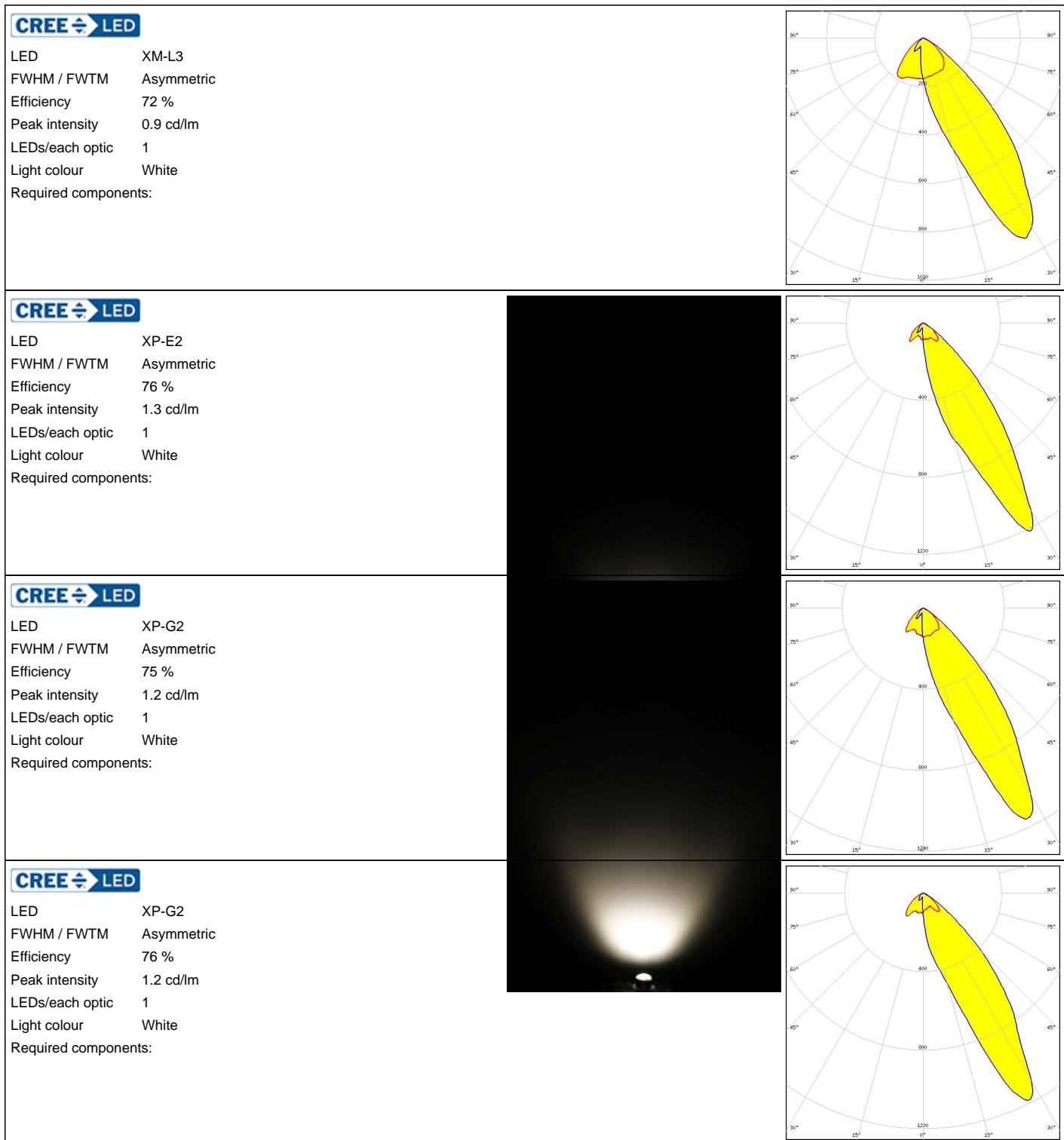


See also our general installation guide: www.ledil.com/installation_guide

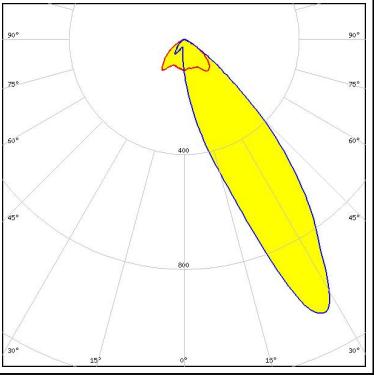
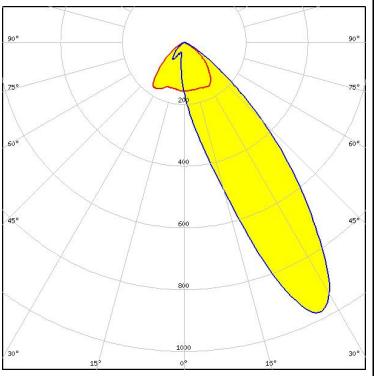
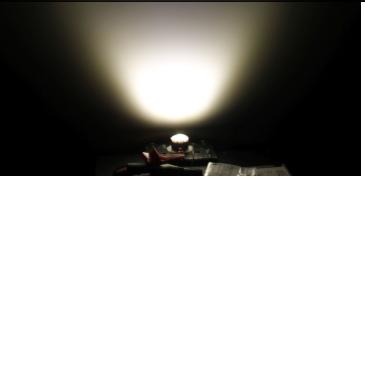
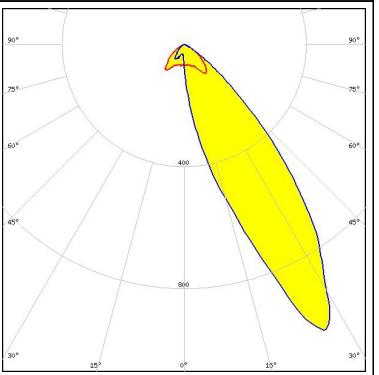
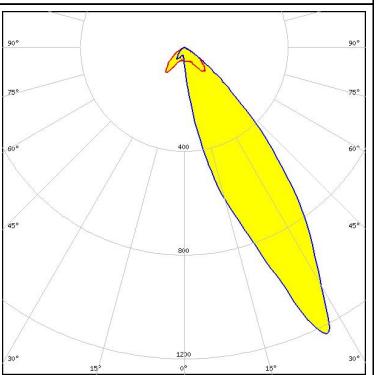
PHOTOMETRIC DATA (MEASURED):

<p>CREE → LED</p> <p>LED XHP35 HD FWHM / FWTM Asymmetric Efficiency 73 % Peak intensity 0.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE → LED</p> <p>LED XHP35 HI FWHM / FWTM Asymmetric Efficiency 76 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE → LED</p> <p>LED XHP50.2 FWHM / FWTM Asymmetric Efficiency 67 % Peak intensity 0.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE → LED</p> <p>LED XHP70.2 FWHM / FWTM Asymmetric Efficiency 70 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

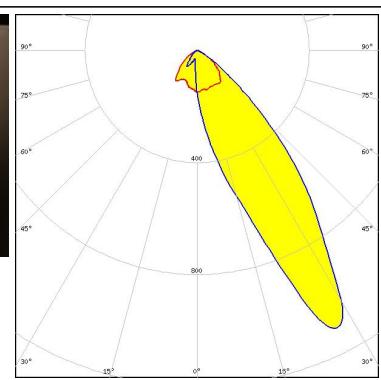
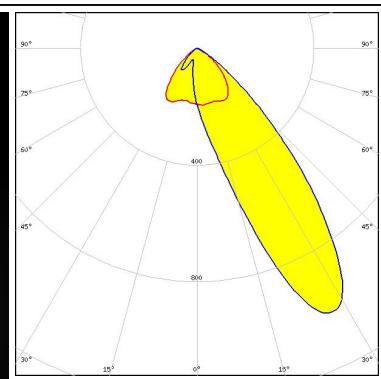
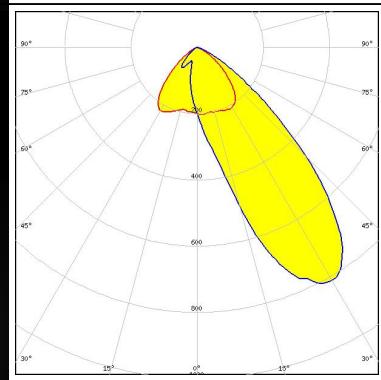
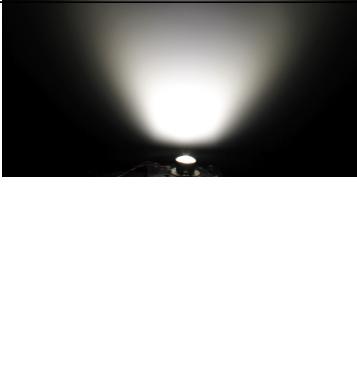
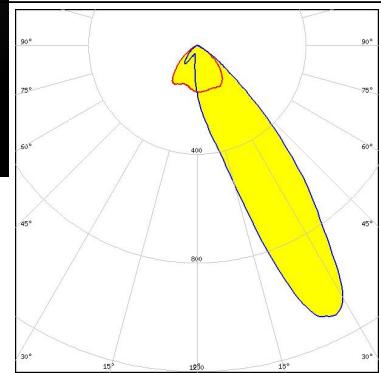
PHOTOMETRIC DATA (MEASURED):



PHOTOMETRIC DATA (MEASURED):

<p>CREE → LED</p> <p>LED XP-G3 FWHM / FWTM Asymmetric Efficiency 72 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE → LED</p> <p>LED XP-L2 FWHM / FWTM Asymmetric Efficiency 72 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE → LED</p> <p>LED XQ-E HD FWHM / FWTM Asymmetric Efficiency 67 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE → LED</p> <p>LED XQ-E HI FWHM / FWTM Asymmetric Efficiency 72 % Peak intensity 1.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

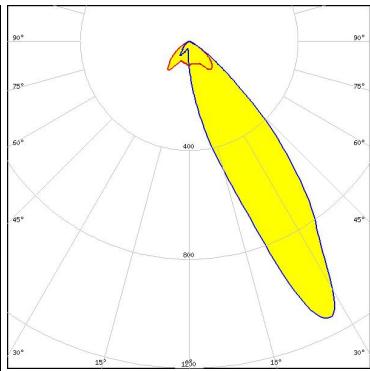
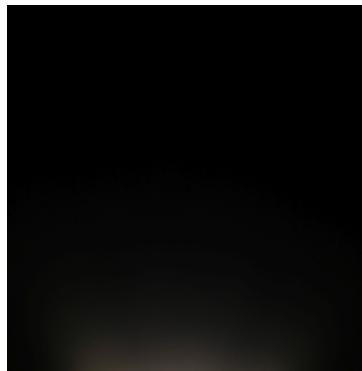
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<p>CREE LED</p> <p>LED XT-E FWHM / FWTM Asymmetric Efficiency 71 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON 5050 Round LES FWHM / FWTM Asymmetric Efficiency 75 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON M/MX FWHM / FWTM Asymmetric Efficiency 75 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON MZ FWHM / FWTM Asymmetric Efficiency 75 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

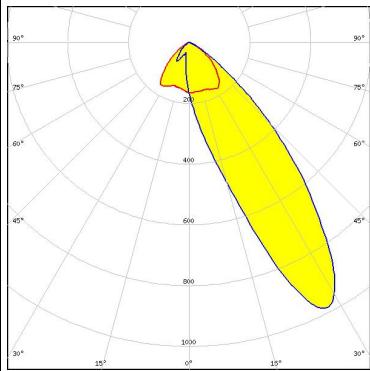
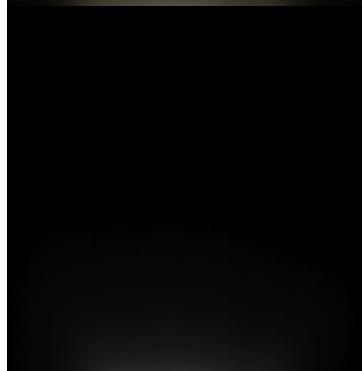
LUMILEDS

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



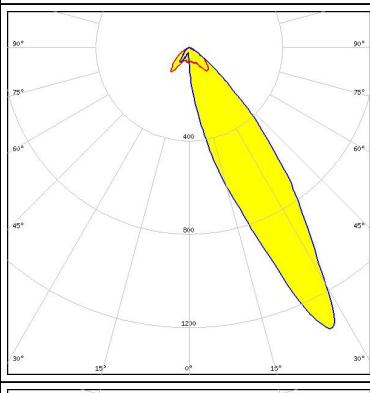
LUMILEDS

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



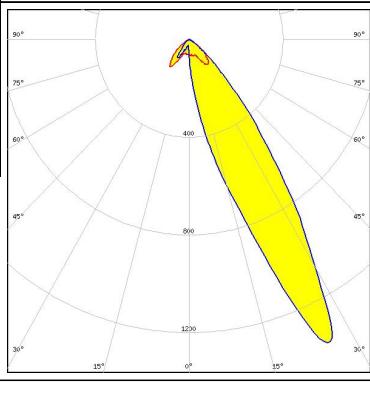
LUMILEDS

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



NICHIA

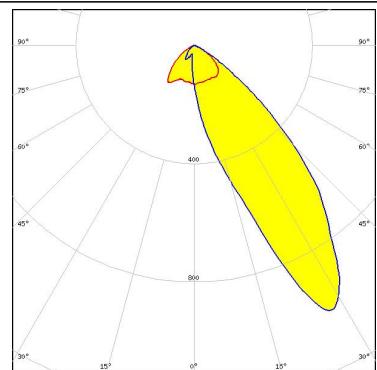
LED NCSxE17A
FWHM / FWTM Asymmetric
Efficiency 72 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



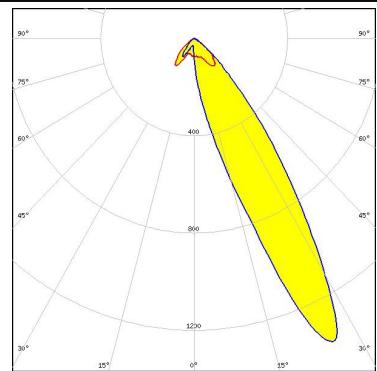
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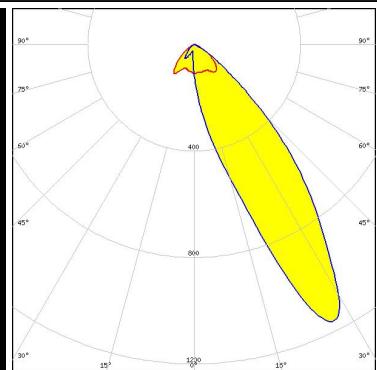
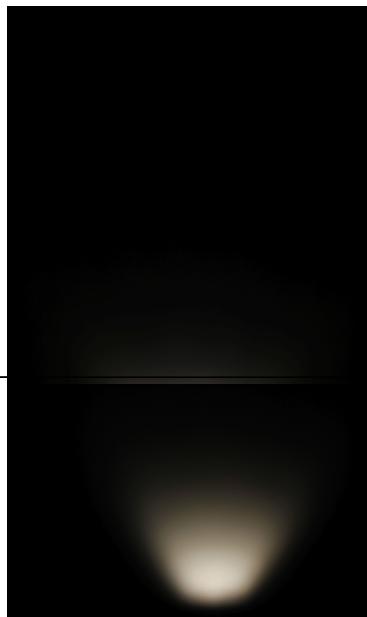
LED NVSW319B
 FWHM / FWTM Asymmetric
 Efficiency 75 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



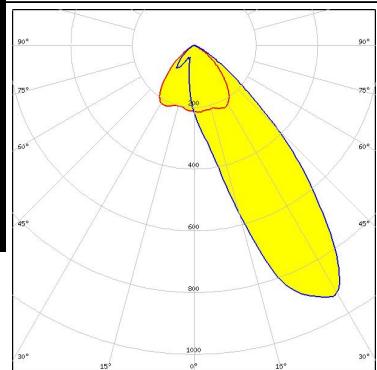
LED NVSxE21A
 FWHM / FWTM Asymmetric
 Efficiency 72 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



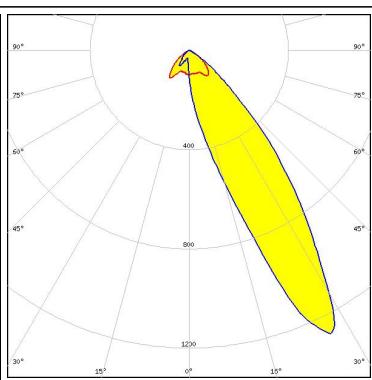
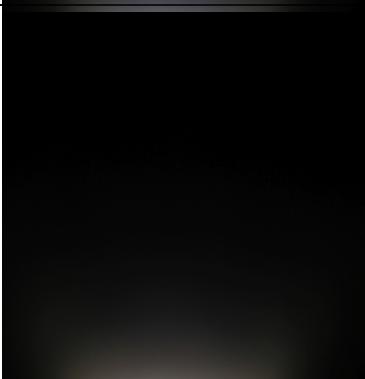
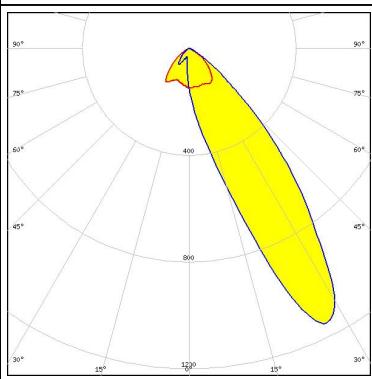
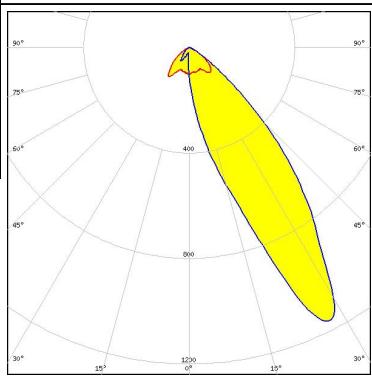
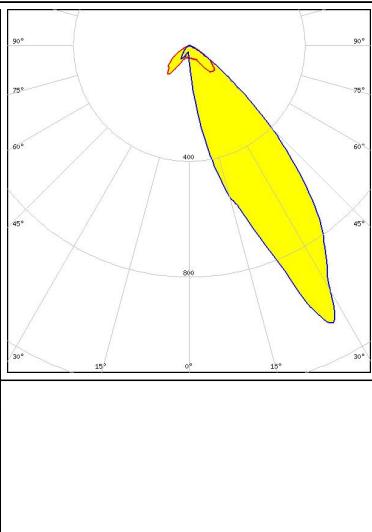
LED NVSxx19B/NVSxx19C
 FWHM / FWTM Asymmetric
 Efficiency 75 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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



PHOTOMETRIC DATA (MEASURED):

<p>OSRAM Opto Semiconductors</p> <p>LED OSCONIQ P 3737 (2W version)</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 75 %</p> <p>Peak intensity 1.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED OSCONIQ P 3737 (3W version)</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 75 %</p> <p>Peak intensity 1.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED OSLON Square CSSRM2/CSSRM3</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 76 %</p> <p>Peak intensity 1.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED OSLON SSL 150</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 71 %</p> <p>Peak intensity 1.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

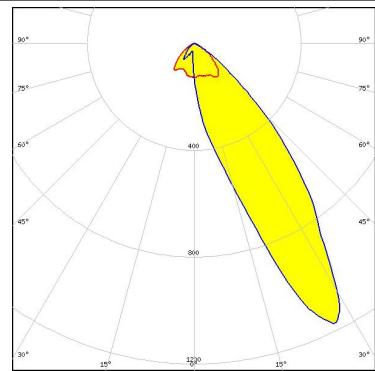
OSRAM

Opto Semiconductors

LED OSTAR Stage (S2WN)
FWHM / FWTM Asymmetric

Efficiency 76 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour RGBW

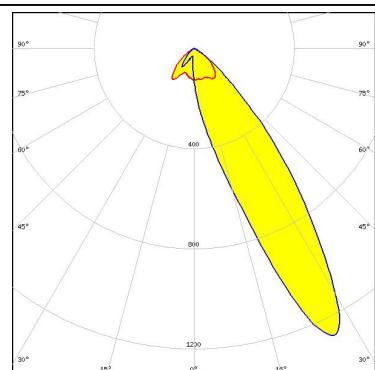
Required components:



SAMSUNG

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

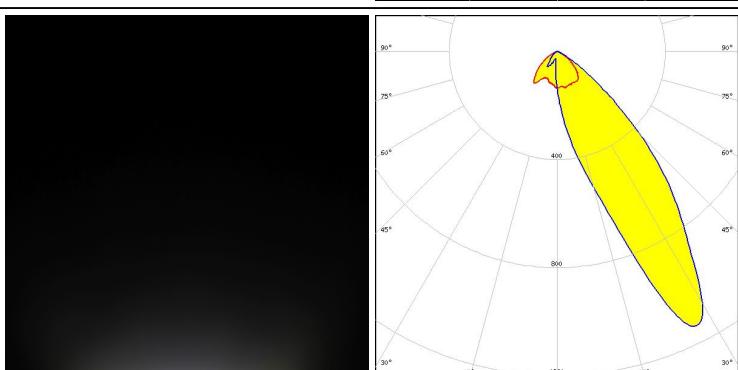
Required components:



SAMSUNG

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

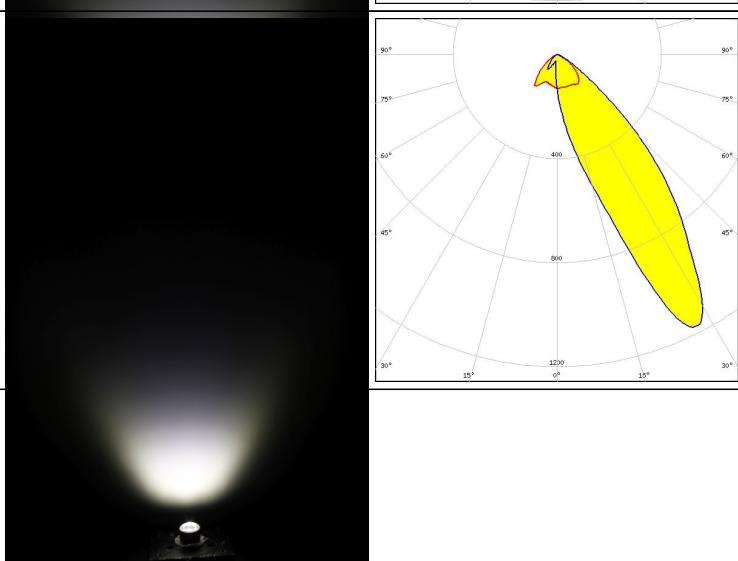
Required components:



SAMSUNG

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

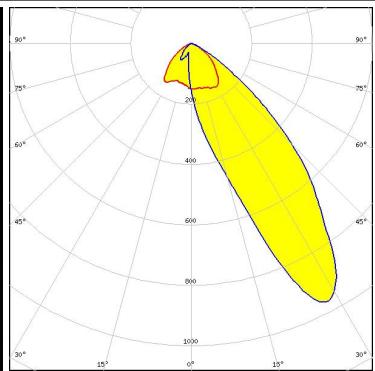
Required components:



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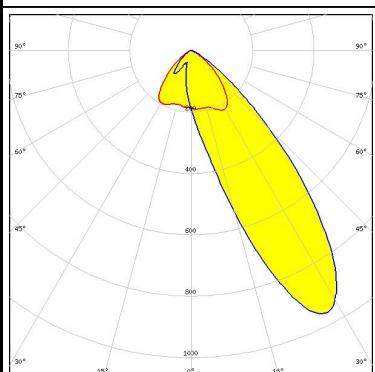
SAMSUNG

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



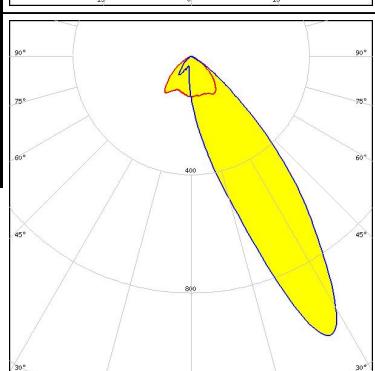
SAMSUNG

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



SEOUL SEMICONDUCTOR

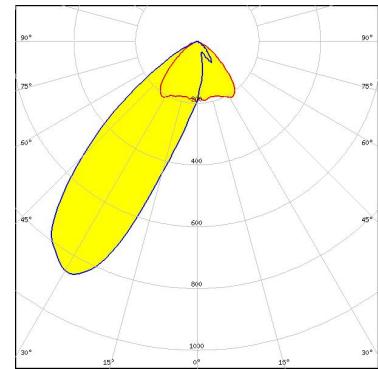
LED Z5M3
FWHM / FWTM Asymmetric
Efficiency 71 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



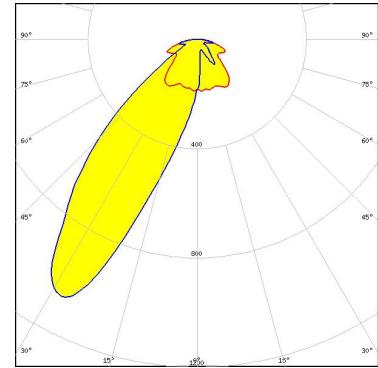
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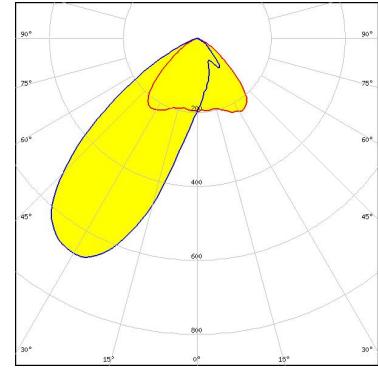
LED	XHP50.3 HD
FWHM / FWTM	Asymmetric
Efficiency	77 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



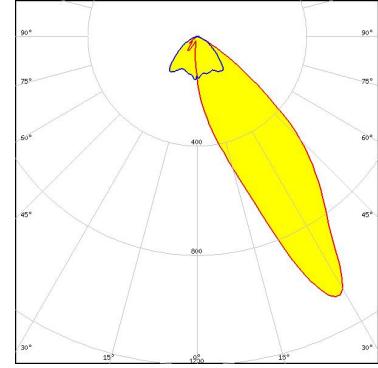
LED	XHP50.3 HI
FWHM / FWTM	Asymmetric
Efficiency	96 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LED	XHP70.3
FWHM / FWTM	Asymmetric
Efficiency	76 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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

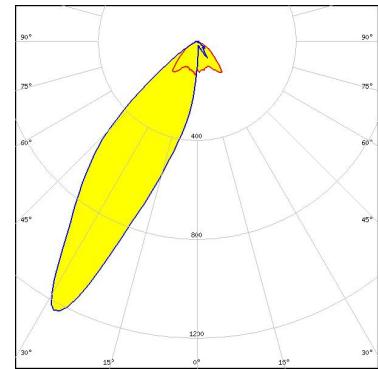


PHOTOMETRIC DATA (SIMULATED):



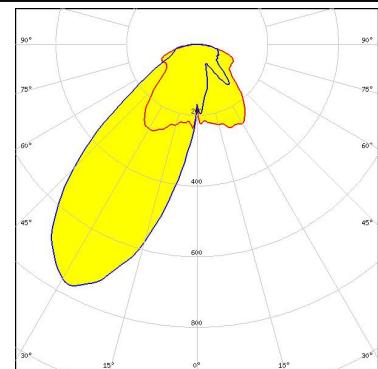
LED	XP-L HI
FWHM / FWTM	Asymmetric
Efficiency	80 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



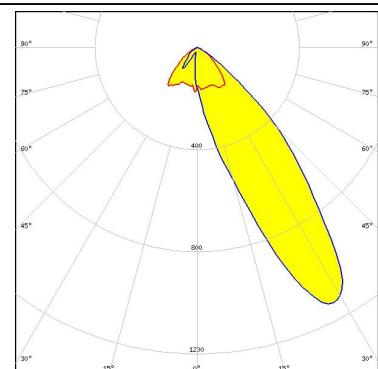
LED	LUXEON 7070
FWHM / FWTM	Asymmetric
Efficiency	95 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



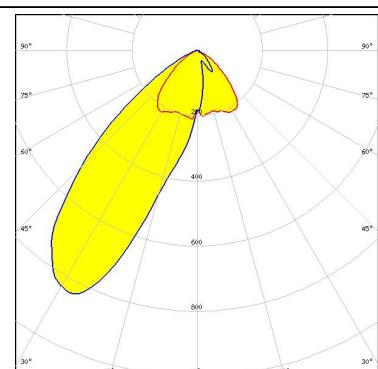
LED	NV4WB35AM
FWHM / FWTM	Asymmetric
Efficiency	78 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



LED	NV4x144A
FWHM / FWTM	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.

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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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