

HEIDI-W

~30° wide beam optimized for LUXEON Rebel ES

TECHNICAL SPECIFICATIONS:

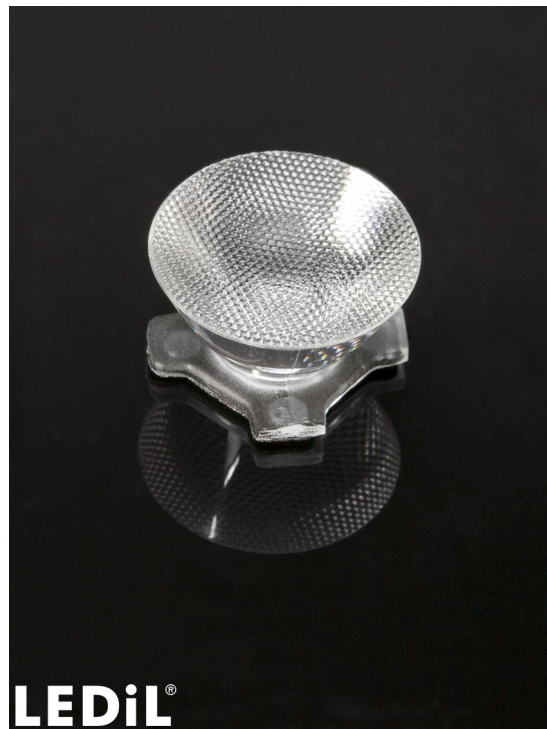
Dimensions	Ø 21.6 mm
Height	11.7 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

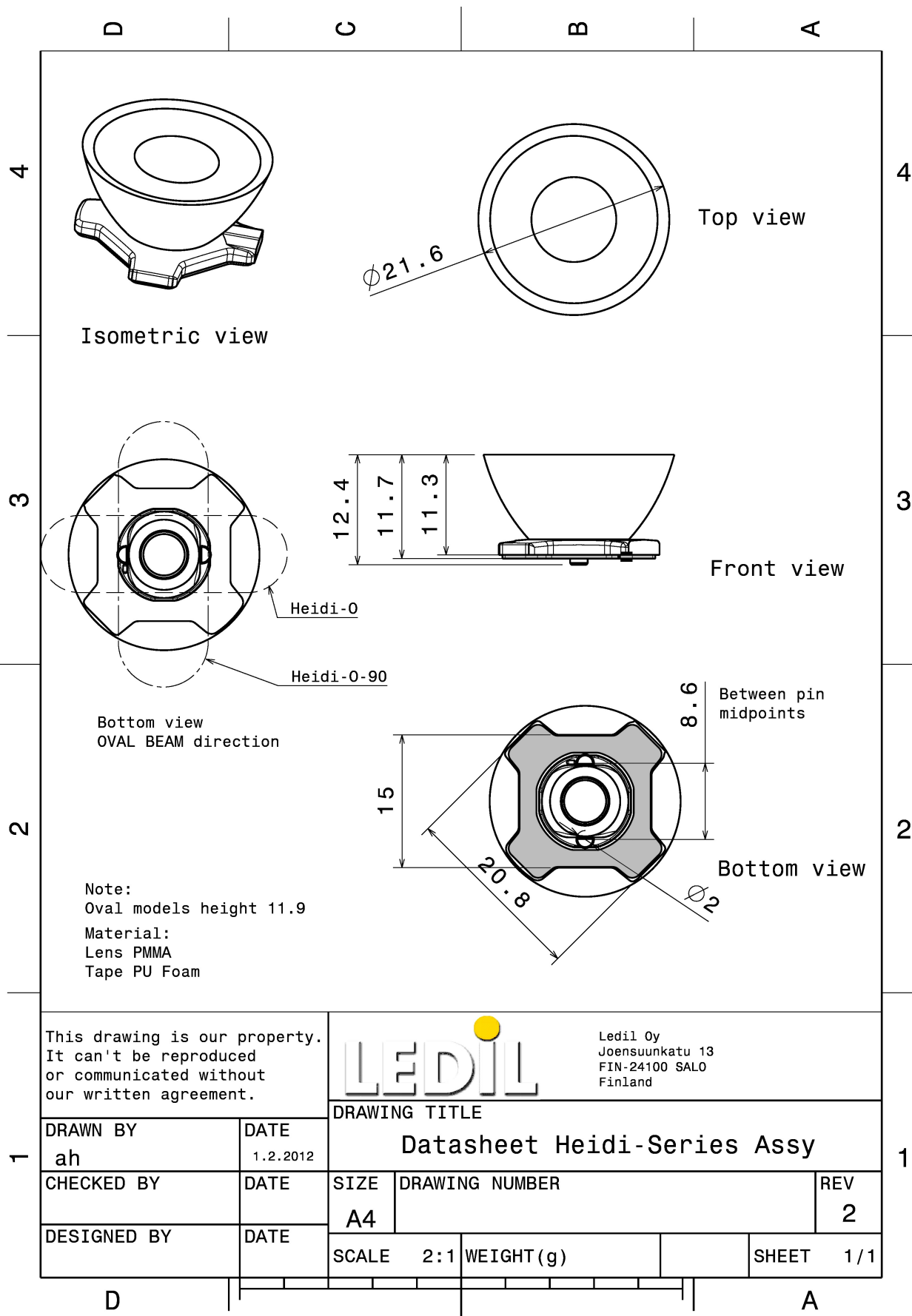
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
HEIDI-W	Single lens	PMMA	clear	
HEIDI-TAPE	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12538_HEIDI-W	Single lens	3264	204	204	11.1
» Box size: 480 x 280 x 300 mm					



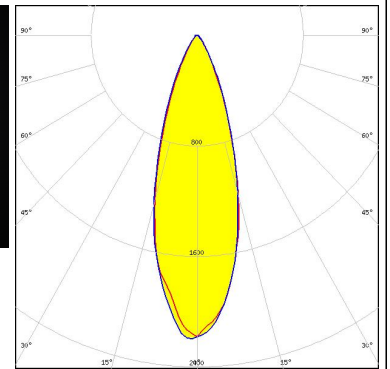


See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

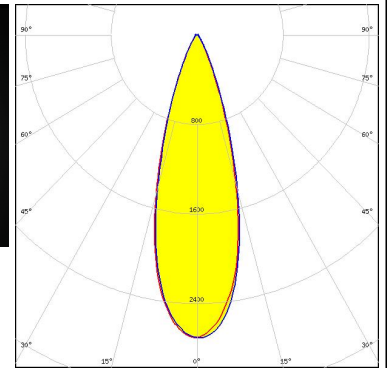
CREE LED

LED XHP35 HD
FWHM / FWTM 32.0° / 62.0°
Efficiency 84 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



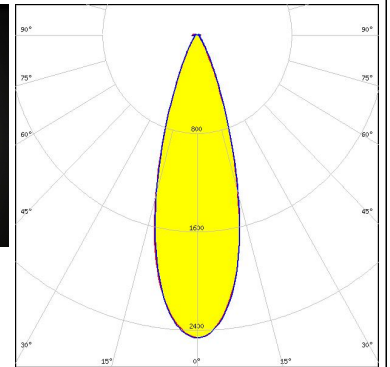
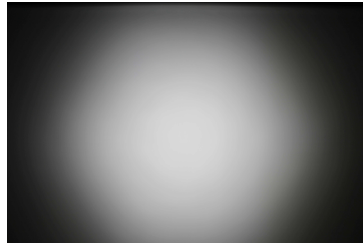
CREE LED

LED XHP35 HI
FWHM / FWTM 31.0° / 54.0°
Efficiency 94 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



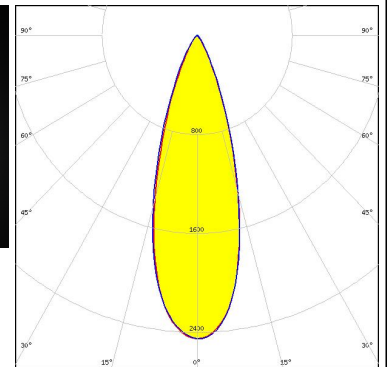
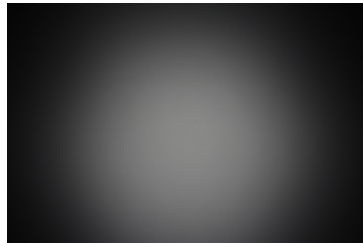
CREE LED

LED XP-G3
FWHM / FWTM 32.0° / 56.0°
Efficiency 94 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE LED

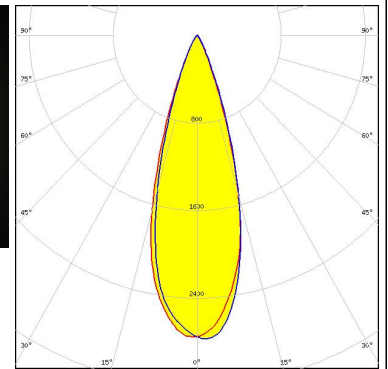
LED XP-L HD
FWHM / FWTM 33.0° / 57.0°
Efficiency 87 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

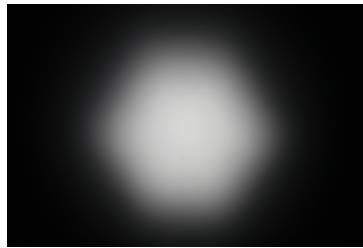
LUMILEDS

LED LUXEON Rebel
FWHM / FWTM 32.0° / 51.0°
Efficiency 87 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



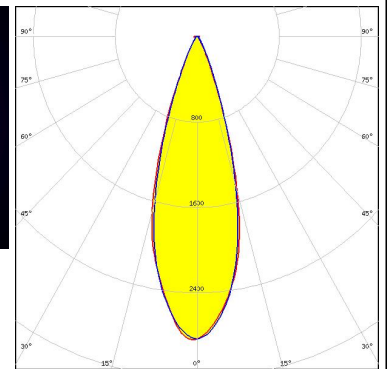
LUMILEDS

LED LUXEON Rebel ES
FWHM / FWTM 32.0° / 54.0°
Efficiency 87 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



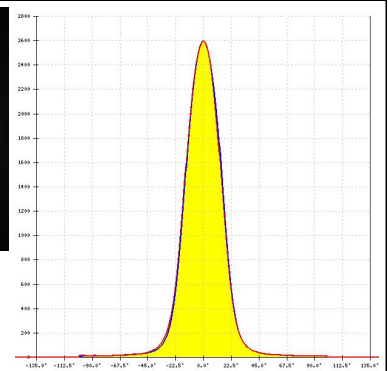
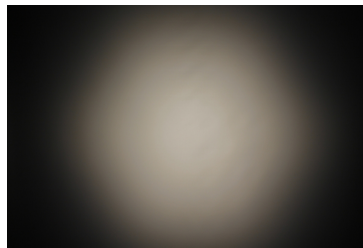
LUMINUS

LED SST-10-B130
FWHM / FWTM 33.0° / 51.0°
Efficiency 93 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour Blue
Required components:



NICHIA

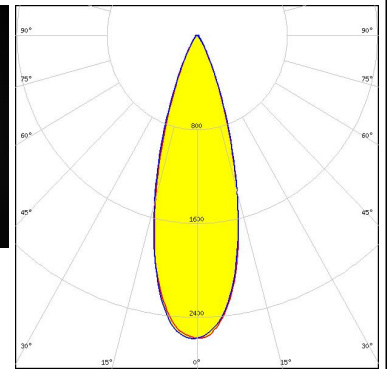
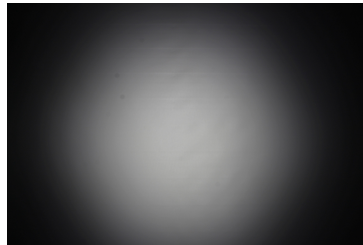
LED NVSW219D
FWHM / FWTM 32.0° / 54.0°
Efficiency 94 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



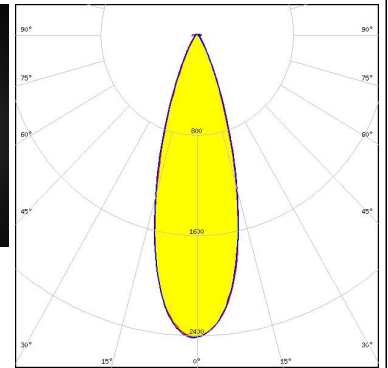
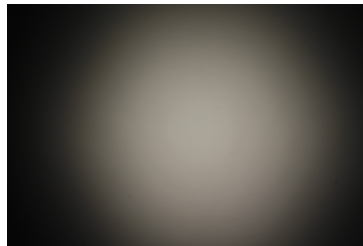
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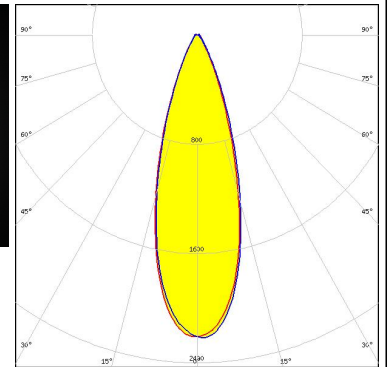
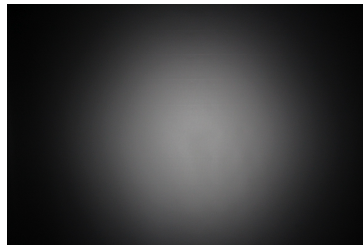
LED NVSW319B
FWHM / FWTM 32.0° / 56.0°
Efficiency 94 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



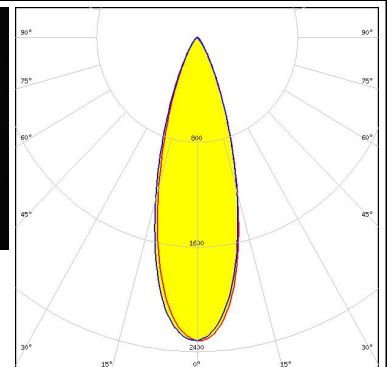
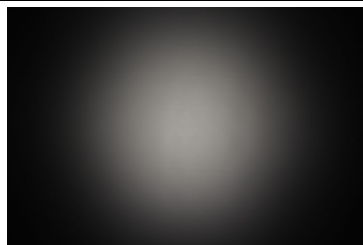
LED NVSW3x9A
FWHM / FWTM 31.0° / 55.0°
Efficiency 90 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSW519A
FWHM / FWTM 32.0° / 59.0°
Efficiency 91 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NWSx229A
FWHM / FWTM 31.0° / 57.0°
Efficiency 83 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

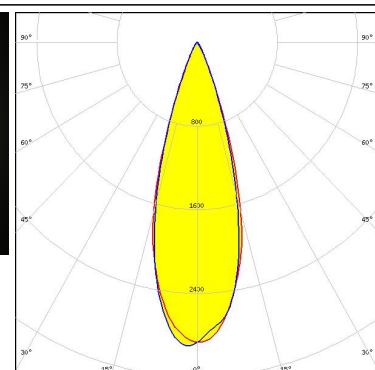
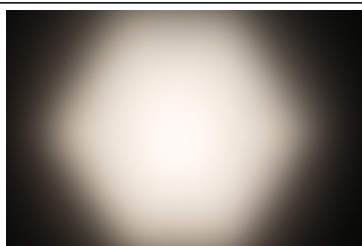


PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

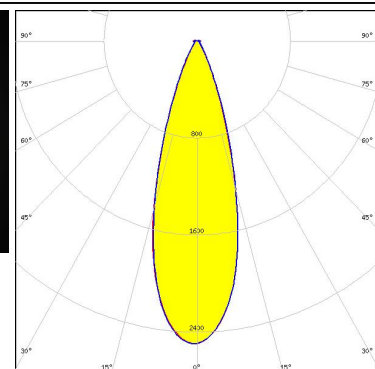
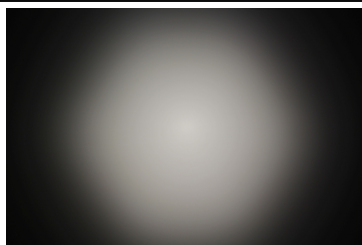
LED OSLON SSL 150
FWHM / FWTM 32.0° / 49.0°
Efficiency 86 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL

SEOUL SEMICONDUCTOR

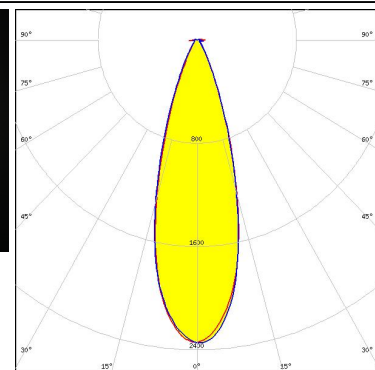
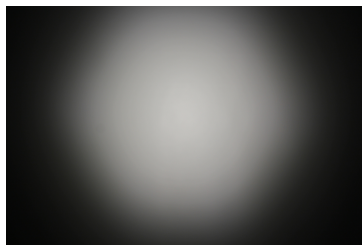
LED Z5M3
FWHM / FWTM 32.0° / 56.0°
Efficiency 94 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL

SEOUL SEMICONDUCTOR

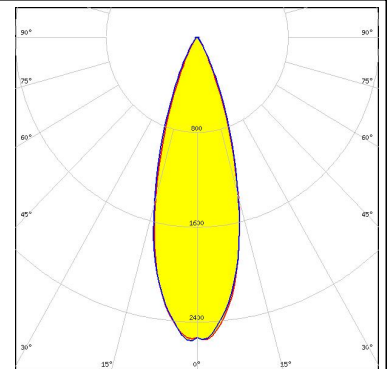
LED Z8Y22P
FWHM / FWTM 31.0° / 55.0°
Efficiency 92 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



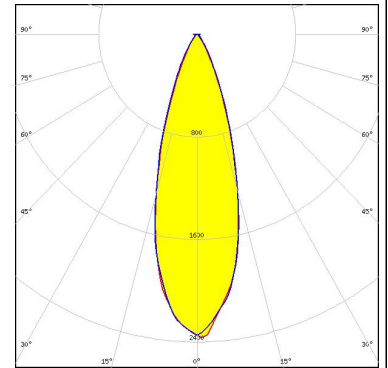
PHOTOMETRIC DATA (SIMULATED):



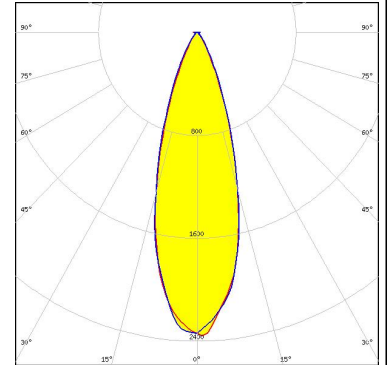
LED	XP-G2 HE
FWHM / FWTM	32.0° / 55.0°
Efficiency	93 %
Peak intensity	2.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LED	XP-L2
FWHM / FWTM	32.0° / 59.0°
Efficiency	91 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LED	XP-L2
FWHM / FWTM	32.0° / 59.0°
Efficiency	91 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LED	LUXEON A
FWHM / FWTM	31.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	

PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

LED LUXEON IR Domed 150
FWHM / FWTM 31.0° / 50.0°
Efficiency 93 %
LEDs/each optic 1
Light colour White
Required components:

LUMILEDS

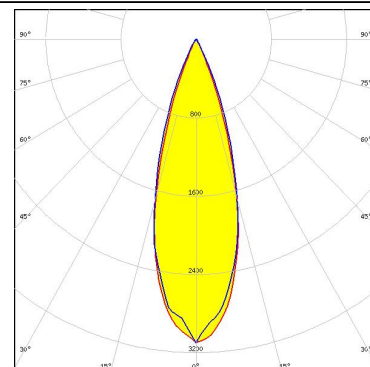
LED LUXEON IR Domed 90
FWHM / FWTM 31.0° / 52.0°
Efficiency 94 %
LEDs/each optic 1
Light colour White
Required components:

LUMILEDS

LED LUXEON R
FWHM / FWTM 32.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:

LUMILEDS

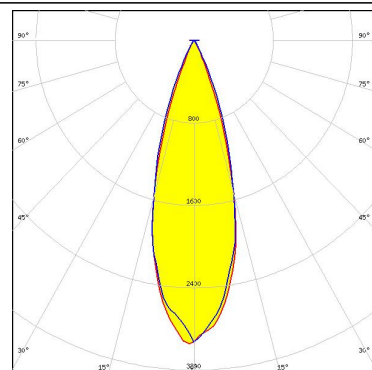
LED LUXEON SunPlus 20 Line (120 deg)
FWHM / FWTM 31.0° / 52.0°
Efficiency 95 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

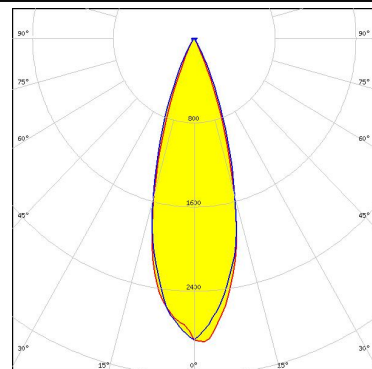
LUMILEDS

LED LUXEON SunPlus 20 Line (150 deg)
FWHM / FWTM 31.0° / 51.0°
Efficiency 92 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



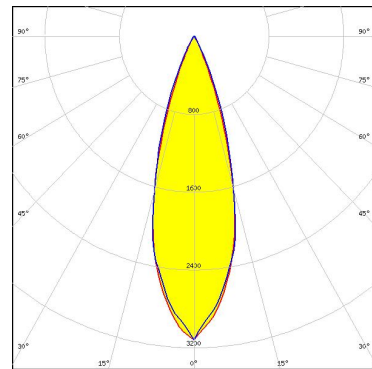
LUMILEDS

LED LUXEON SunPlus 20 Line (150 deg)
FWHM / FWTM 31.0° / 52.0°
Efficiency 91 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



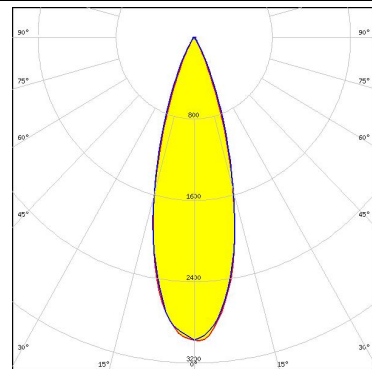
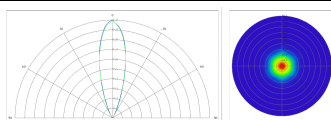
LUMILEDS

LED LUXEON SunPlus 35 Line
FWHM / FWTM 31.0° / 51.0°
Efficiency 94 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LUMINUS

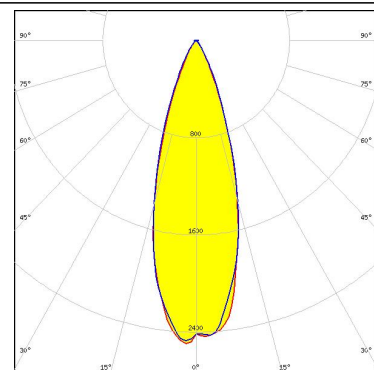
LED SST-10-B130
FWHM / FWTM 30.0° / 53.0°
Efficiency 95 %
LEDs/each optic 1
Light colour IR
Required components:



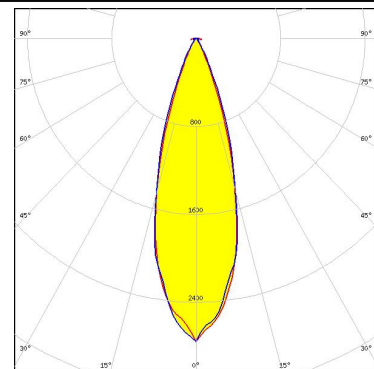
PHOTOMETRIC DATA (SIMULATED):



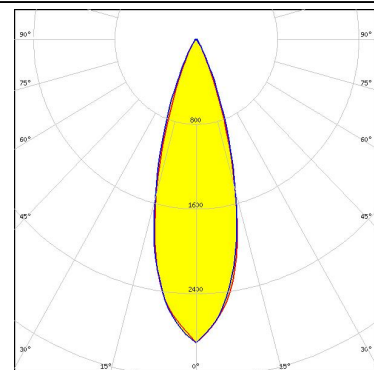
LED NV4WB35AM
FWHM / FWTM 32.0° / 57.0°
Efficiency 92 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSxE21A
FWHM / FWTM 31.0° / 53.0°
Efficiency 93 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSCONIQ P 3737 Flat
FWHM / FWTM 32.0° / 55.0°
Efficiency 95 %
Peak intensity 2.9 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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LEDiL Oy

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