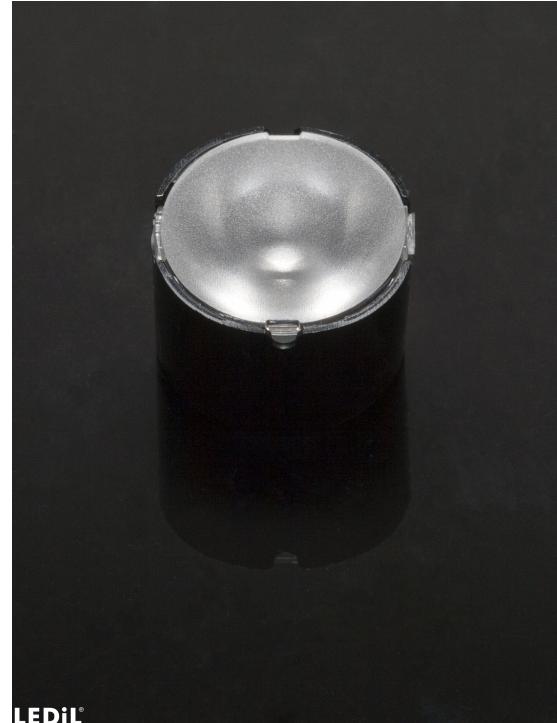


G2-LXP2-D-P

~14° diffused spot beam with light, black holder.
Assembly with location pins and installation
tape.



SPECIFICATION:

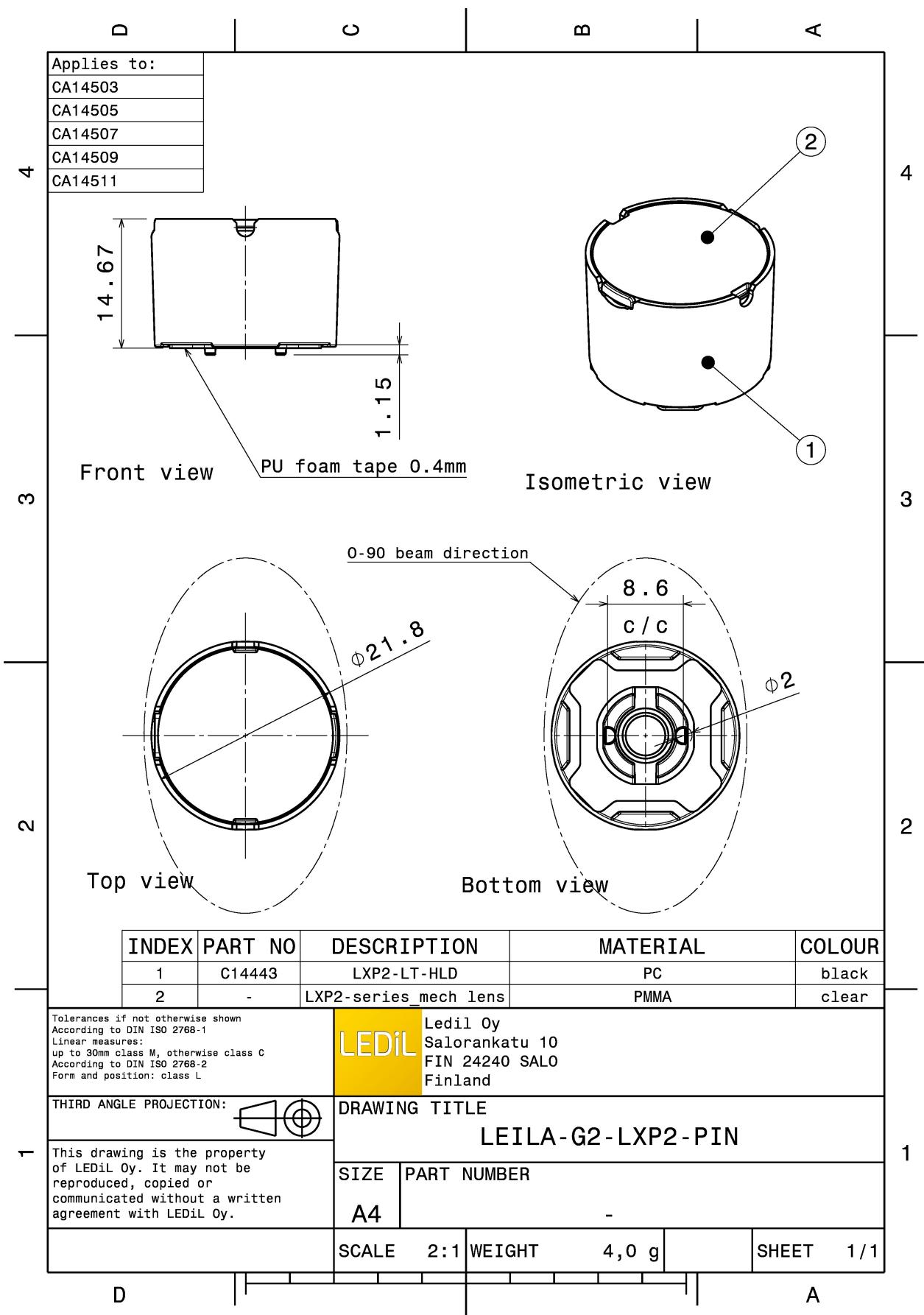
Dimensions	Ø 21.8 mm
Height	14.7 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

MATERIALS:

Component	Type	Material	Colour	Finish
LXP2-D	Single lens	PMMA	clear	
LXP2-LT-HLD	Holder	PC	black	
HEIDI-TAPE	Tape	Acrylic foam	black	

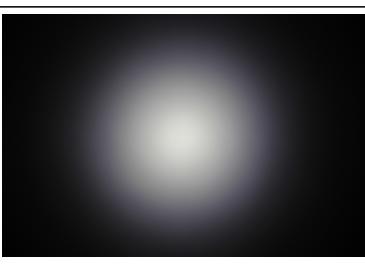
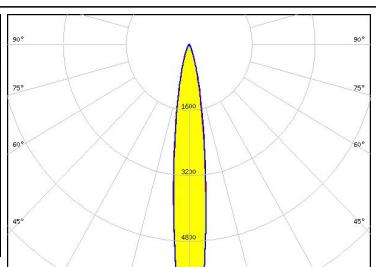
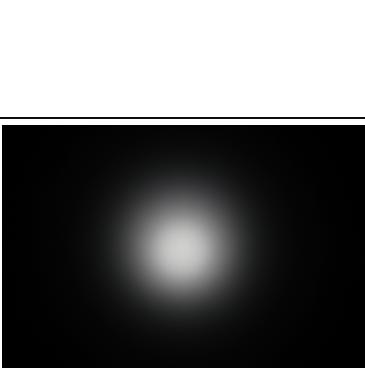
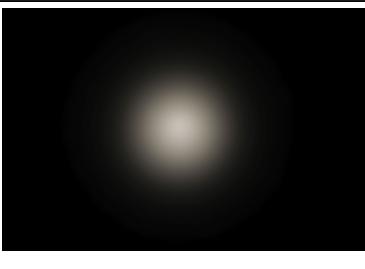
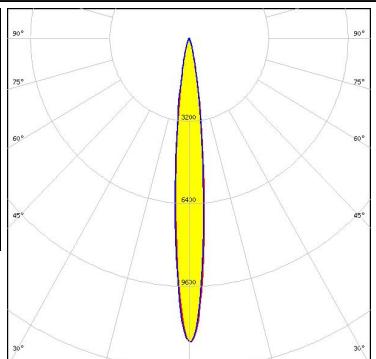
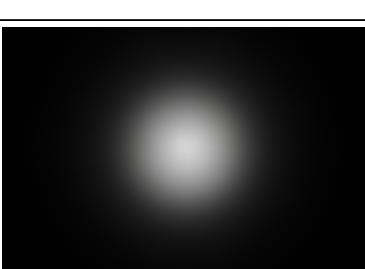
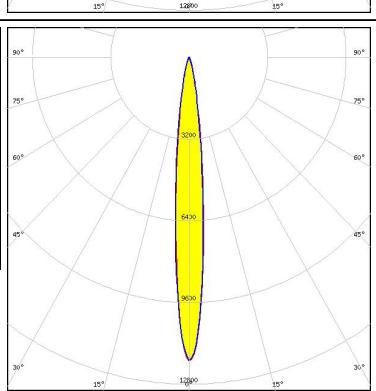
ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA14507_G2-LXP2-D-P » Box size: 480 x 280 x 300 mm	Single lens	1680	112	8.3

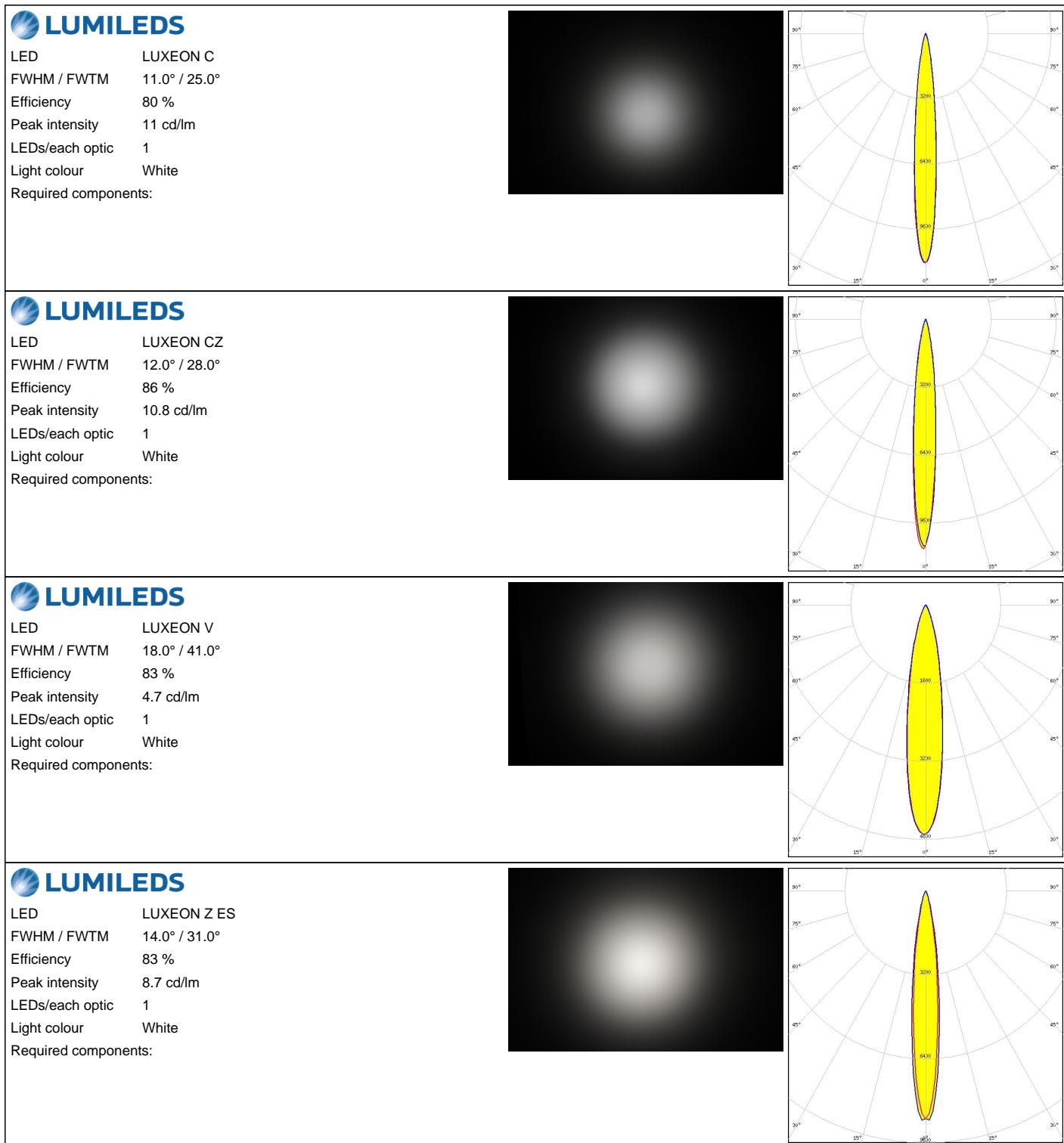


See also our general installation guide: www.ledil.com/installation_guide

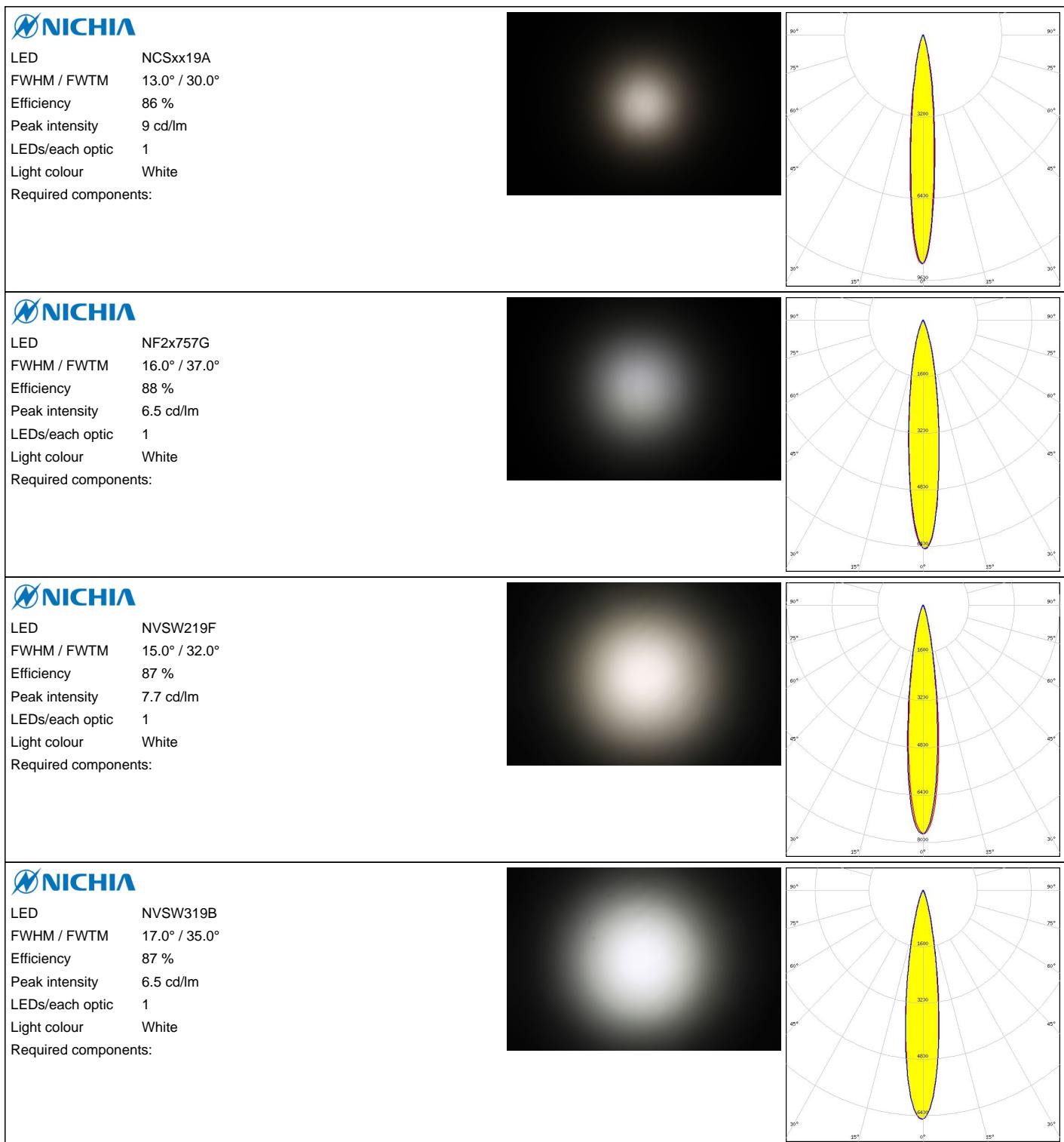
OPTICAL RESULTS (MEASURED):

	<p>LED XD16 FWHM / FWTM 13.0° / 32.0° Efficiency 78 % Peak intensity 7.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
	<p>LED XP-E FWHM / FWTM 9.7° / 22.0° Efficiency 88 % Peak intensity 19.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
	<p>LED XQ-E HD FWHM / FWTM 11.0° / 25.0° Efficiency 85 % Peak intensity 11.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
	<p>LED XQ-E HI FWHM / FWTM 11.0° / 25.0° Efficiency 84 % Peak intensity 12 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

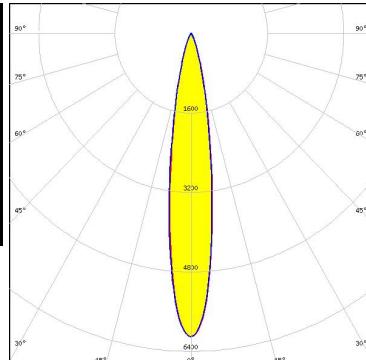
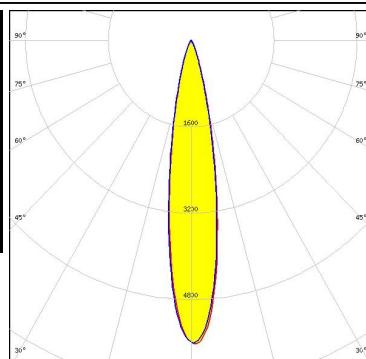
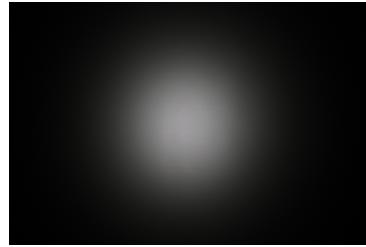
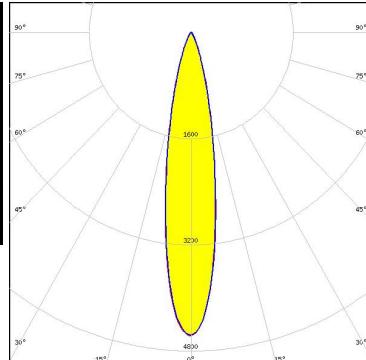
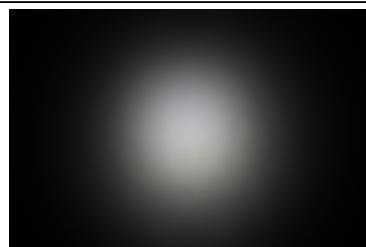
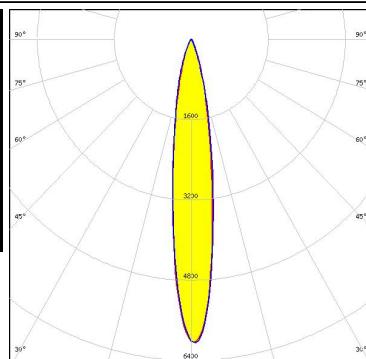
OPTICAL RESULTS (MEASURED):



OPTICAL RESULTS (MEASURED):



OPTICAL RESULTS (MEASURED):

	LED NVSW3x9A		
FWHM / FWTM 17.0° / 36.0°			
Efficiency 81 %			
Peak intensity 6.1 cd/lm			
LEDs/each optic 1			
Light colour White			
Required components:			
	LED NVSW519A		
FWHM / FWTM 19.0° / 38.0°			
Efficiency 86 %			
Peak intensity 5.6 cd/lm			
LEDs/each optic 1			
Light colour White			
Required components:			
	LED NWSx229A		
FWHM / FWTM 29.0° / 42.0°			
Efficiency 83 %			
Peak intensity 4.6 cd/lm			
LEDs/each optic 1			
Light colour White			
Required components:			
 Opto Semiconductors	LED Duris S5 (Single chip)		
FWHM / FWTM 16.0° / 38.0°			
Efficiency 86 %			
Peak intensity 6.1 cd/lm			
LEDs/each optic 1			
Light colour White			
Required components:			

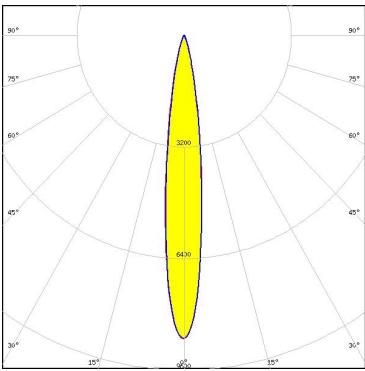
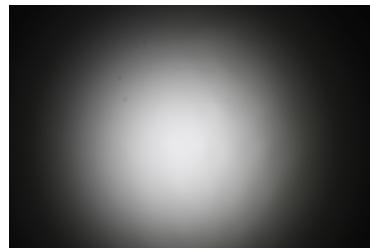
OPTICAL RESULTS (MEASURED):

OSRAM

Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	14.0° / 31.0°
Efficiency	88 %
Peak intensity	8.7 cd/lm
LEDs/each optic	1
Light colour	White

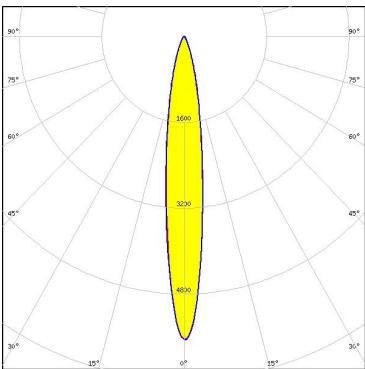
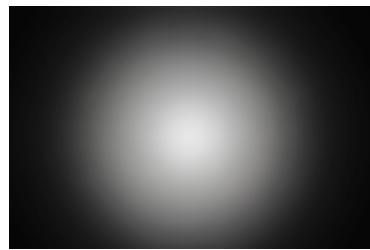
Required components:



SAMSUNG

LED	LH181A
FWHM / FWTM	15.0° / 37.0°
Efficiency	78 %
Peak intensity	5.7 cd/lm
LEDs/each optic	1
Light colour	White

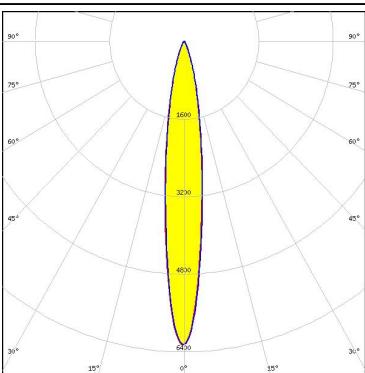
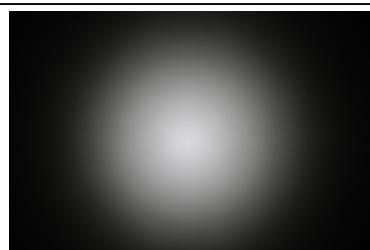
Required components:



SAMSUNG

LED	LH181B
FWHM / FWTM	15.0° / 37.0°
Efficiency	82 %
Peak intensity	6.3 cd/lm
LEDs/each optic	1
Light colour	White

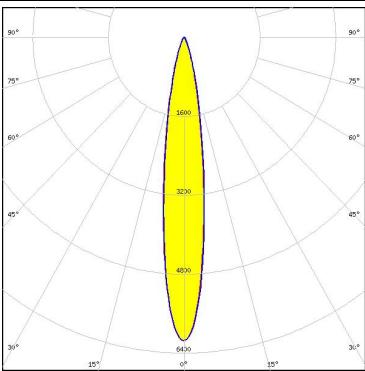
Required components:



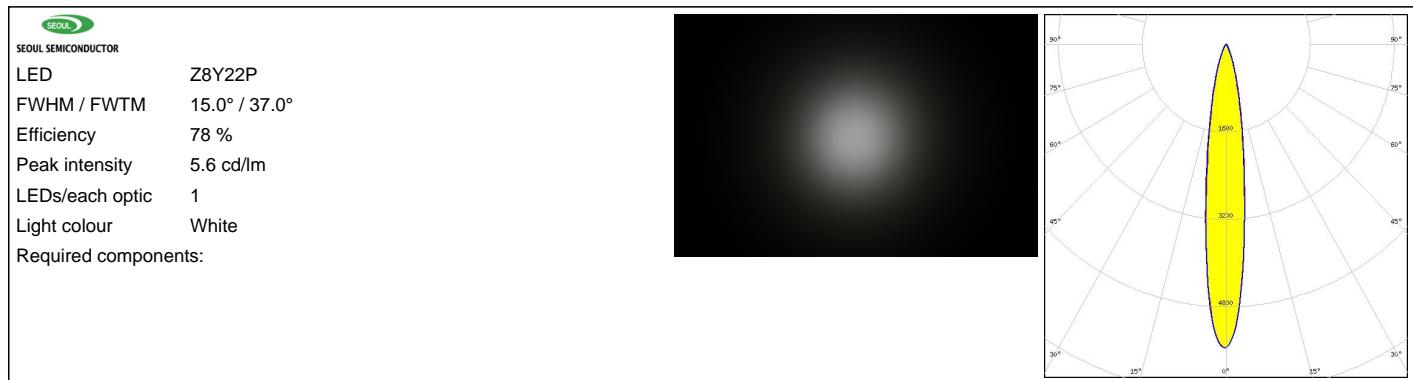
SEOUL SEMICONDUCTOR

LED	Z5M3
FWHM / FWTM	16.0° / 36.0°
Efficiency	84 %
Peak intensity	6.2 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



OPTICAL RESULTS (MEASURED):



OPTICAL RESULTS (SIMULATED):



LED J Series 2835

FWHM / FWTM 12.0° / 26.0°

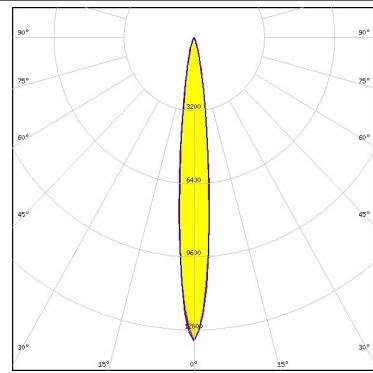
Efficiency 93 %

Peak intensity 13.3 cd/lm

LEDs/each optic 1

Light colour White

Required components:



LED XP-E2

FWHM / FWTM 10.0° / 20.0°

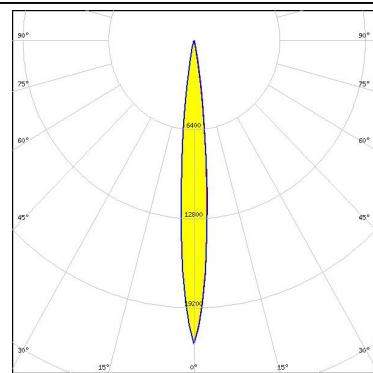
Efficiency 92 %

Peak intensity 21.8 cd/lm

LEDs/each optic 1

Light colour Amber

Required components:



LED XP-G2

FWHM / FWTM 10.0° / 19.0°

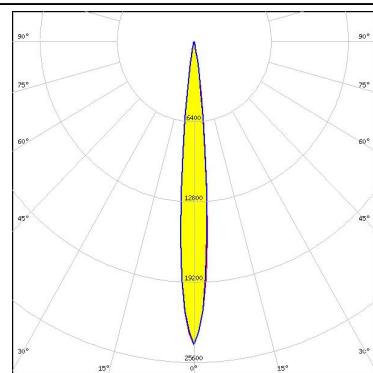
Efficiency 94 %

Peak intensity 24.2 cd/lm

LEDs/each optic 1

Light colour White

Required components:



LED XP-G2 HE

FWHM / FWTM 14.0° / 28.0°

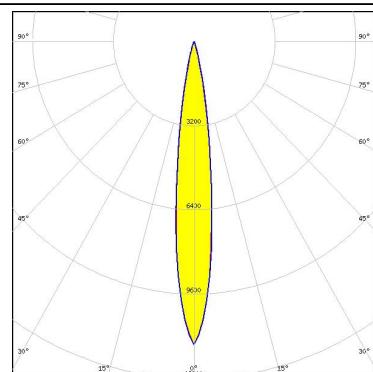
Efficiency 91 %

Peak intensity 11.5 cd/lm

LEDs/each optic 1

Light colour White

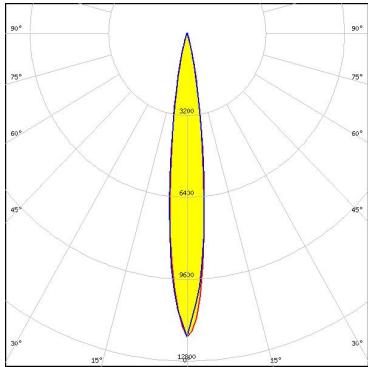
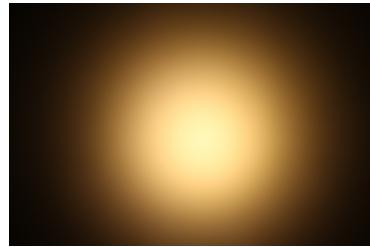
Required components:



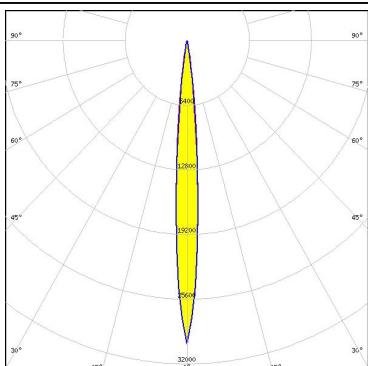
OPTICAL RESULTS (SIMULATED):



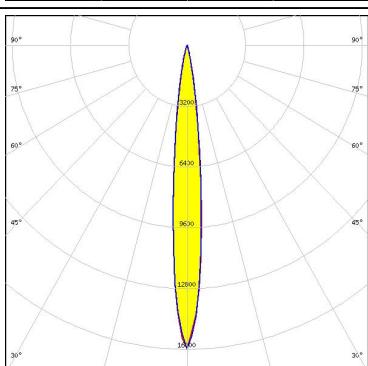
LED XP-G3
FWHM / FWTM 14.0° / 27.0°
Efficiency 91 %
Peak intensity 11.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



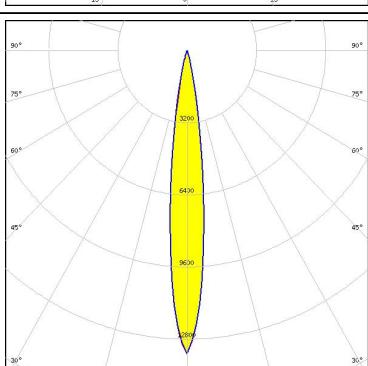
LED XP-P
FWHM / FWTM 8.0° / 18.0°
Efficiency 93 %
Peak intensity 30 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XT-E
FWHM / FWTM 11.0° / 23.0°
Efficiency 90 %
Peak intensity 16 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON HL2X
FWHM / FWTM 14.0° / 26.0°
Efficiency 93 %
Peak intensity 13.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

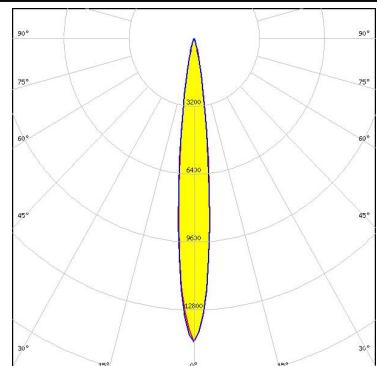


OPTICAL RESULTS (SIMULATED):

LUMILEDS

LED	LUXEON IR Compact
FWHM / FWTM	8.0° / 17.0°
Efficiency	84 %
LEDs/each optic	1
Light colour	White

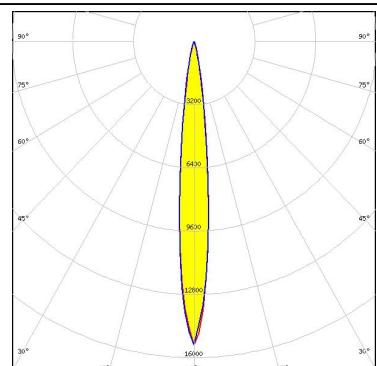
Required components:



LUMILEDS

LED	LUXEON T
FWHM / FWTM	12.0° / 24.0°
Efficiency	93 %
Peak intensity	14.3 cd/lm
LEDs/each optic	1
Light colour	White

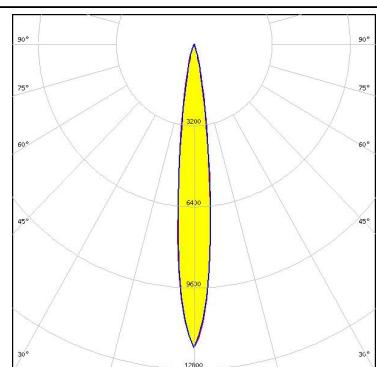
Required components:



NICHIA

LED	NVSxx19B/NVSxx19C
FWHM / FWTM	13.0° / 27.0°
Efficiency	89 %
Peak intensity	12 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

LED OSONIQ P 3030

FWHM / FWTM 10.0° / 22.0°

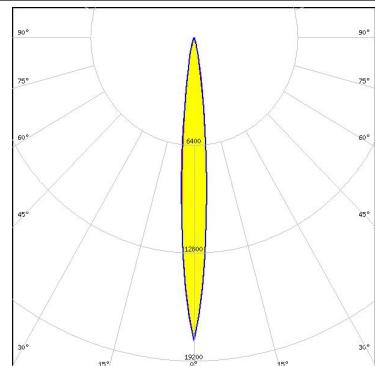
Efficiency 92 %

Peak intensity 18 cd/lm

LEDs/each optic 1

Light colour Blue

Required components:



OSRAM

Opto Semiconductors

LED OSONIQ P 3737 Flat

FWHM / FWTM 12.0° / 28.0°

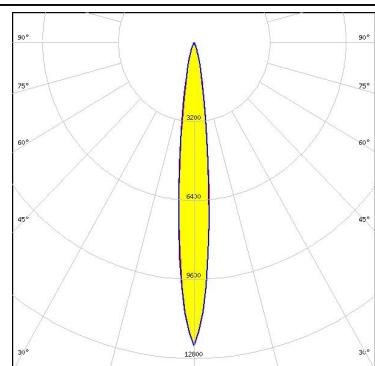
Efficiency 93 %

Peak intensity 12.3 cd/lm

LEDs/each optic 1

Light colour White

Required components:



OSRAM

Opto Semiconductors

LED OSLON Square Flat

FWHM / FWTM 9.4° / 20.0°

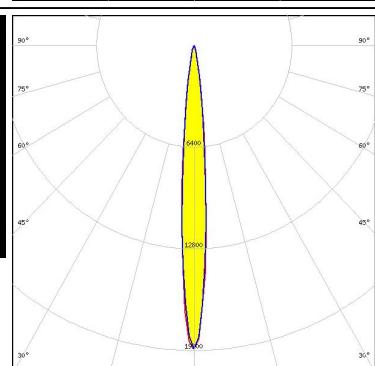
Efficiency 91 %

Peak intensity 19.1 cd/lm

LEDs/each optic 1

Light colour White

Required components:



OSRAM

Opto Semiconductors

LED OSLON SSL 150

FWHM / FWTM 10.0° / 19.0°

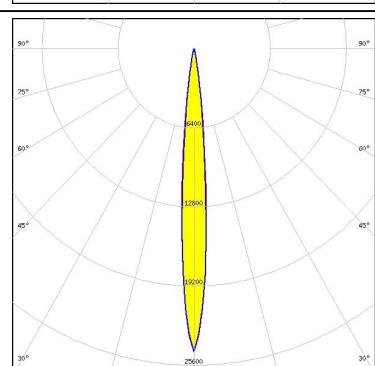
Efficiency 93 %

Peak intensity 24.5 cd/lm

LEDs/each optic 1

Light colour White

Required components:



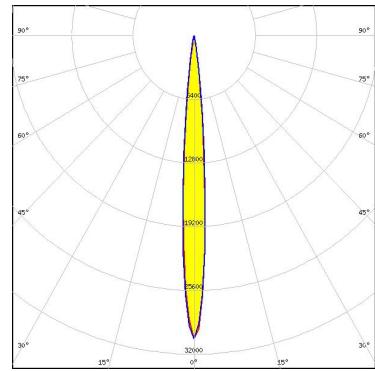
OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

LED	OSLON SSL 80
FWHM / FWTM	8.3° / 17.0°
Efficiency	92 %
Peak intensity	30.5 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

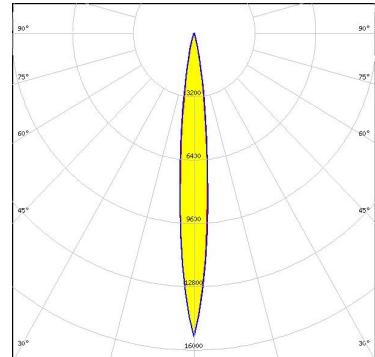
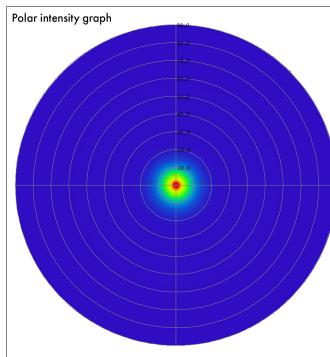


OSRAM

Opto Semiconductors

LED	SFH 4715AS
FWHM / FWTM	11.0° / 24.0°
Efficiency	92 %
Peak intensity	15.8 cd/lm
LEDs/each optic	1
Light colour	IR

Required components:

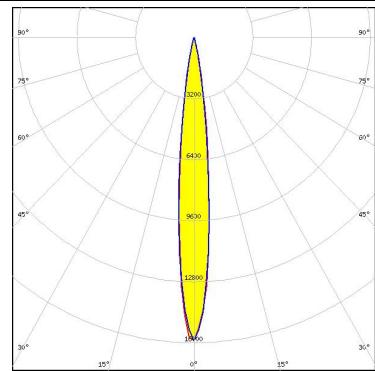


OSRAM

Opto Semiconductors

LED	SFH 4770S
FWHM / FWTM	9.0° / 26.0°
Efficiency	85 %
LEDs/each optic	1
Light colour	White

Required components:



SAMSUNG

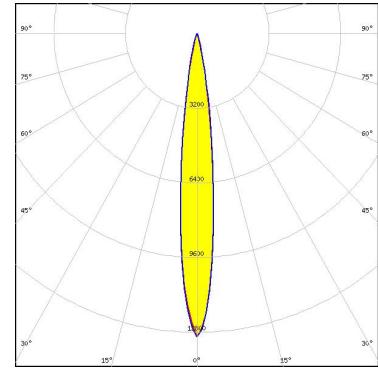
LED	LH351A
FWHM / FWTM	11.0° / 23.0°
Efficiency	91 %
Peak intensity	15.9 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

OPTICAL RESULTS (SIMULATED):

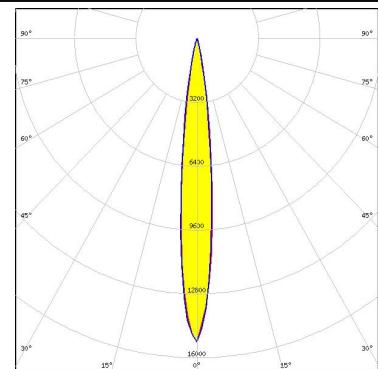
SAMSUNG

LED LH351B
FWHM / FWTM 12.0° / 26.0°
Efficiency 92 %
Peak intensity 13 cd/lm
LEDs/each optic 1
Light colour White
Required components:



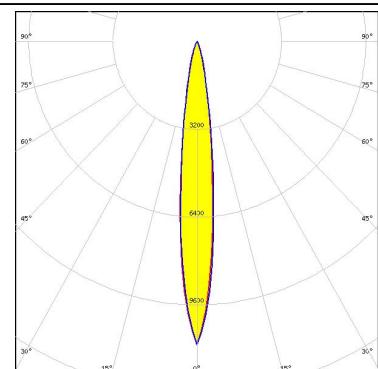
SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2
FWHM / FWTM 12.0° / 23.0°
Efficiency 93 %
Peak intensity 15.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



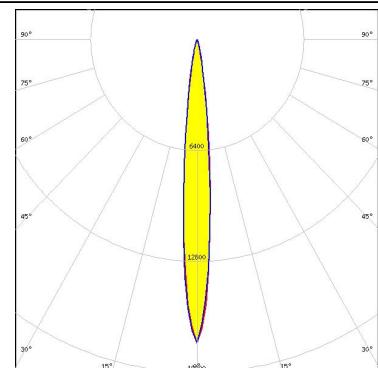
SEOUL SEMICONDUCTOR

LED Z5M4
FWHM / FWTM 13.0° / 30.0°
Efficiency 94 %
Peak intensity 11.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

LED Z5P
FWHM / FWTM 10.0° / 22.0°
Efficiency 92 %
Peak intensity 17.5 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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