

G2-LXP2-D-P

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

TECHNICAL SPECIFICATIONS:

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

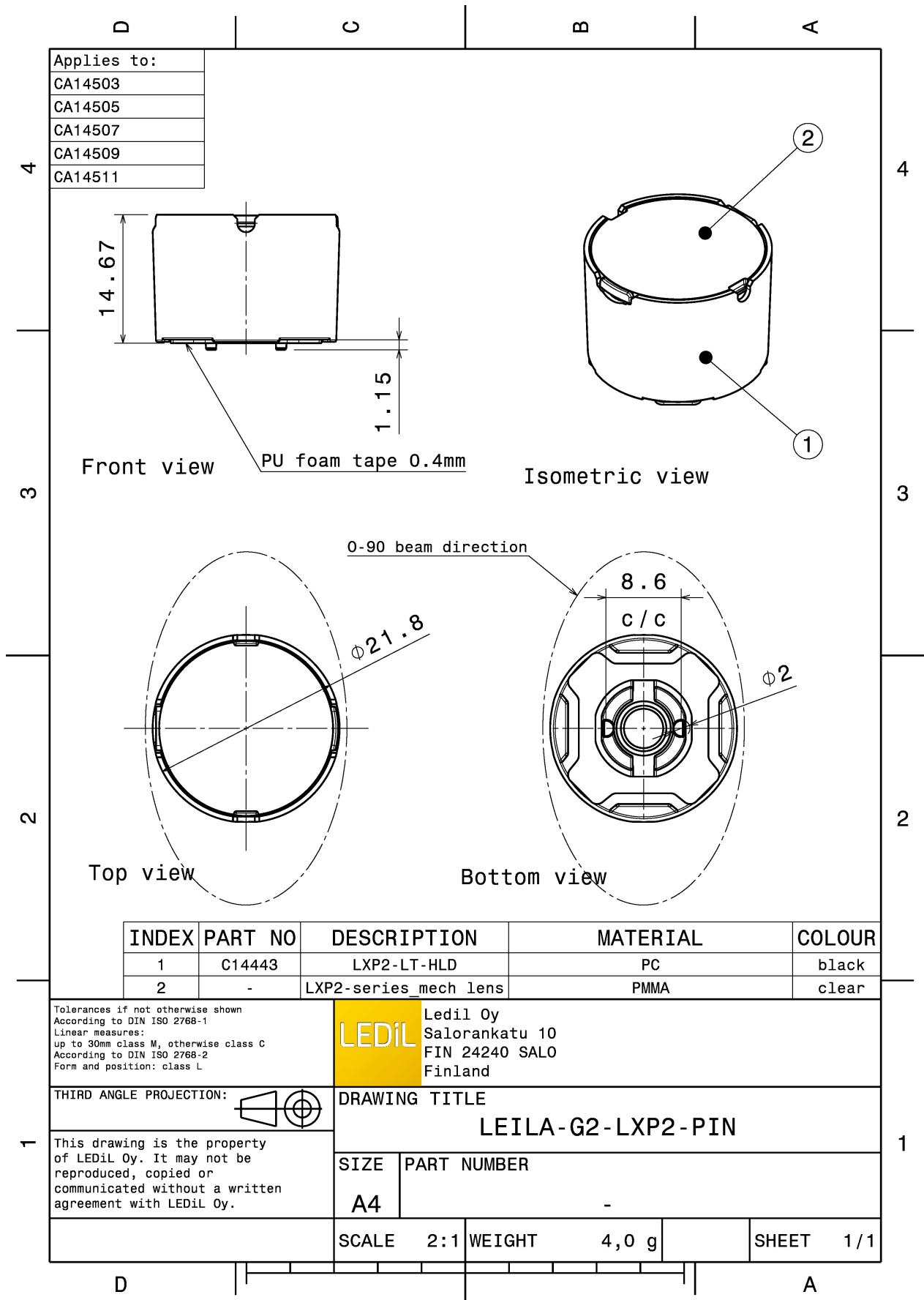


MATERIAL SPECIFICATIONS:

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	Single lens	1680		112	8.3
» Box size: 480 x 280 x 300 mm					



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14443	LXP2-LT-HLD	PC	black
2	-	LXP2-series_mech lens	PMMA	clear

Tolerances if not otherwise shown
 According to DIN ISO 2768-1
 Linear measures:
 up to 30mm class M, otherwise class C
 According to DIN ISO 2768-2
 Form and position: class L

LEDiL Ledil Oy
 Salorankatu 10
 FIN 24240 SALO
 Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
LEILA-G2-LXP2-PIN


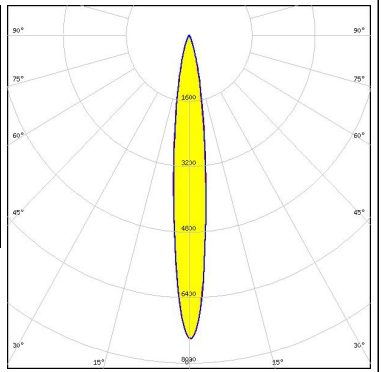


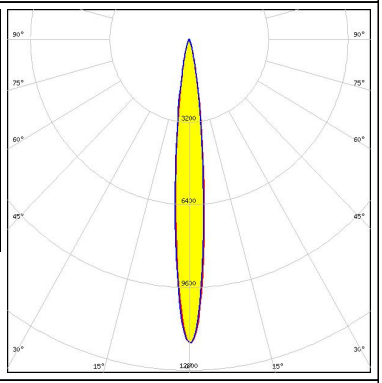
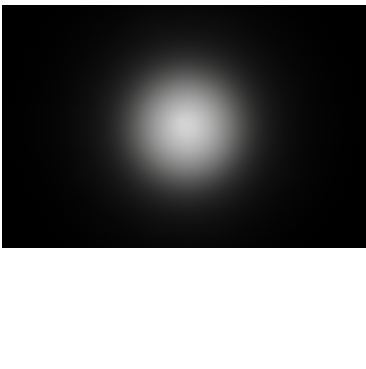
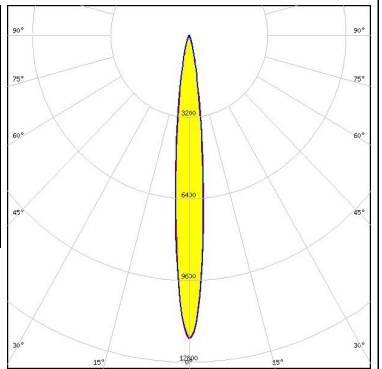
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SIZE	PART NUMBER
A4	-

SCALE	2:1	WEIGHT	4,0 g	SHEET	1/1
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See also our general installation guide: www.ledil.com/installation_guide

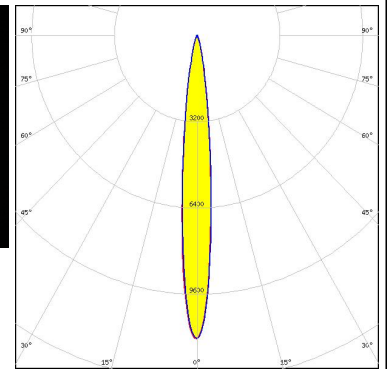
PHOTOMETRIC DATA (MEASURED):

<p>CREE → LED</p> <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>CREE → LED</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>CREE → LED</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>CREE → LED</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>		

PHOTOMETRIC DATA (MEASURED):

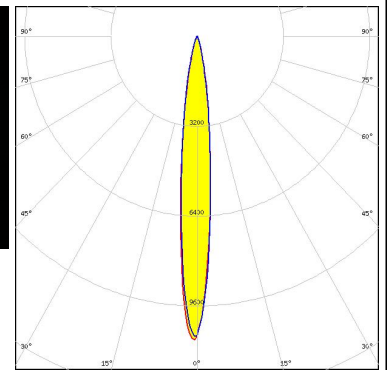
LUMILEDS

LED LUXEON C
 FWHM / FWTM 11.0° / 25.0°
 Efficiency 80 %
 Peak intensity 11 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



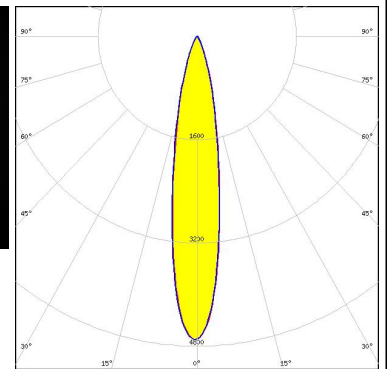
LUMILEDS

LED LUXEON CZ
 FWHM / FWTM 12.0° / 28.0°
 Efficiency 86 %
 Peak intensity 10.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



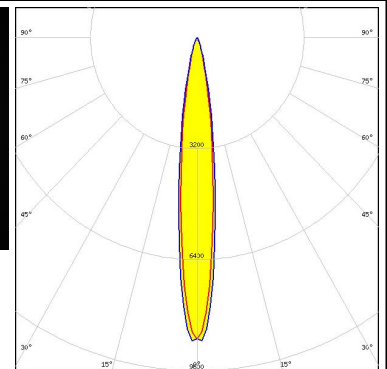
LUMILEDS

LED LUXEON V
 FWHM / FWTM 18.0° / 41.0°
 Efficiency 83 %
 Peak intensity 4.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

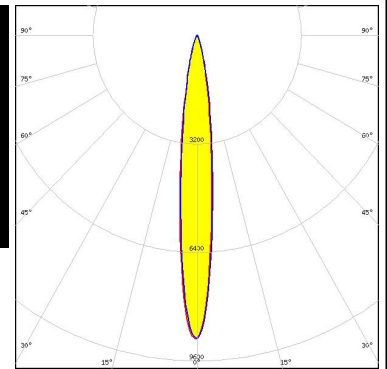
LED LUXEON Z ES
 FWHM / FWTM 14.0° / 31.0°
 Efficiency 83 %
 Peak intensity 8.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



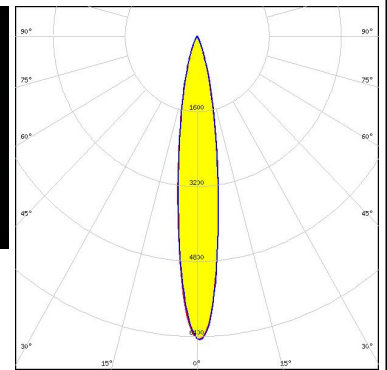
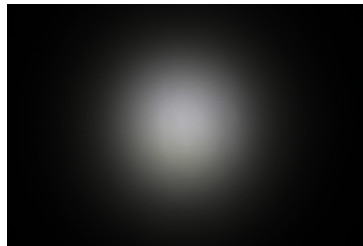
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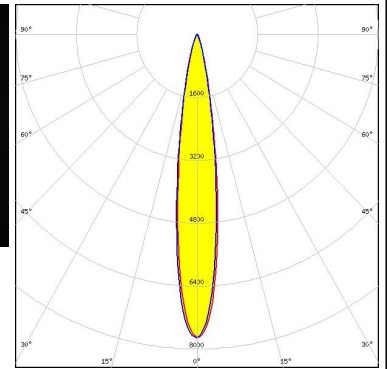
LED NCSxx19A
 FWHM / FWTM 13.0° / 30.0°
 Efficiency 86 %
 Peak intensity 9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



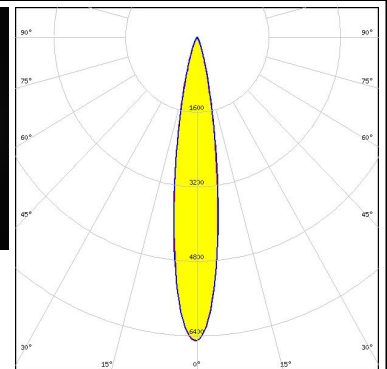
LED NF2x757G
 FWHM / FWTM 16.0° / 37.0°
 Efficiency 88 %
 Peak intensity 6.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NVSW219F
 FWHM / FWTM 15.0° / 32.0°
 Efficiency 87 %
 Peak intensity 7.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



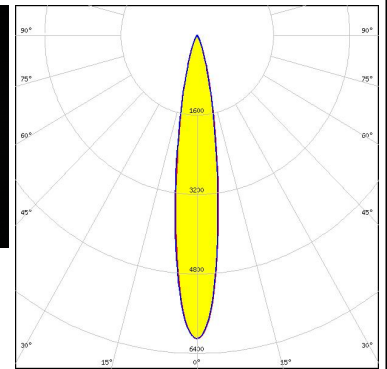
LED NVSW319B
 FWHM / FWTM 17.0° / 35.0°
 Efficiency 87 %
 Peak intensity 6.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



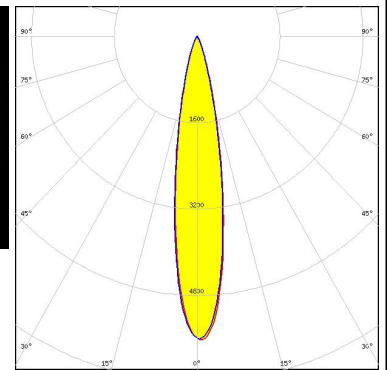
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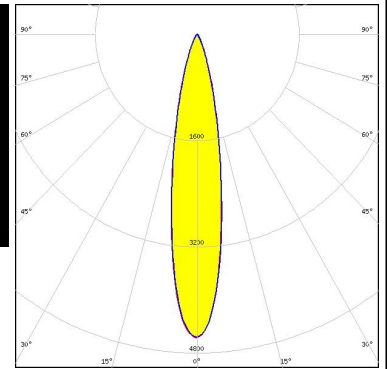
LED NVSW3x9A
 FWHM / FWTM 17.0° / 36.0°
 Efficiency 81 %
 Peak intensity 6.1 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



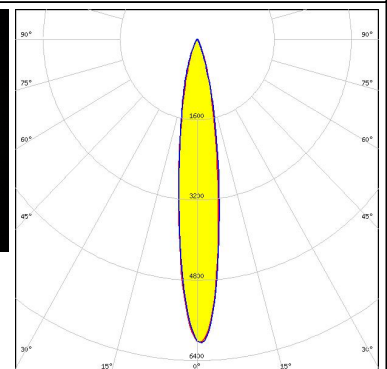
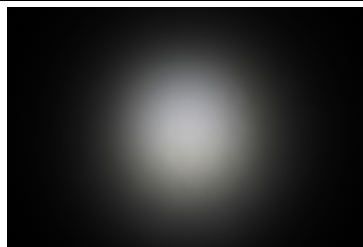
LED NVSW519A
 FWHM / FWTM 19.0° / 38.0°
 Efficiency 86 %
 Peak intensity 5.6 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



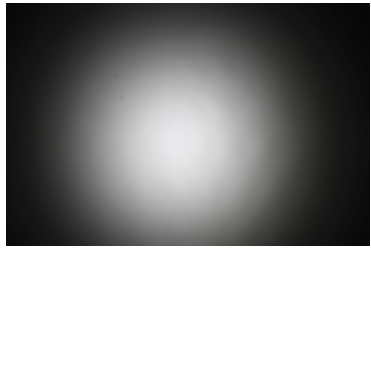
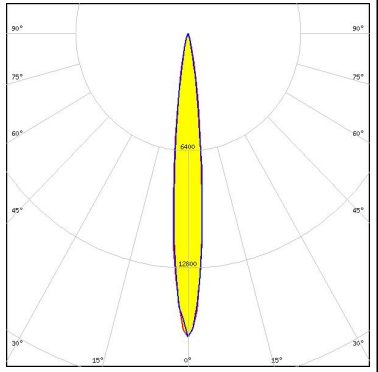

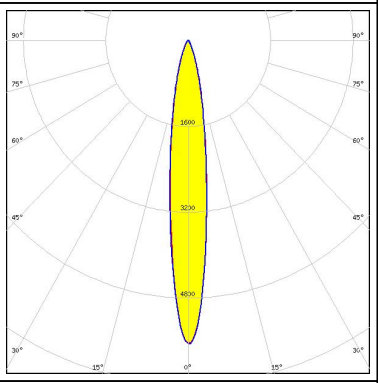
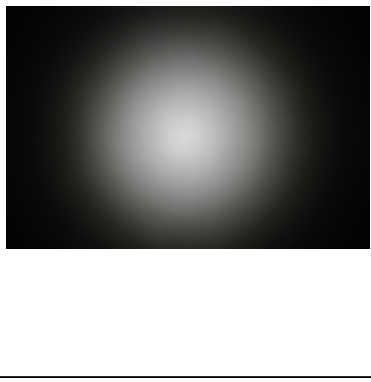
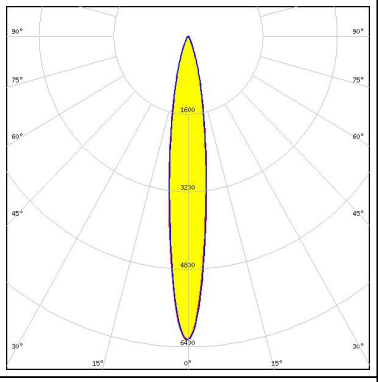

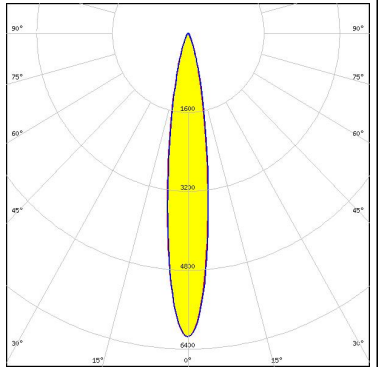
LED NWSx229A
 FWHM / FWTM 29.0° / 42.0°
 Efficiency 83 %
 Peak intensity 4.6 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



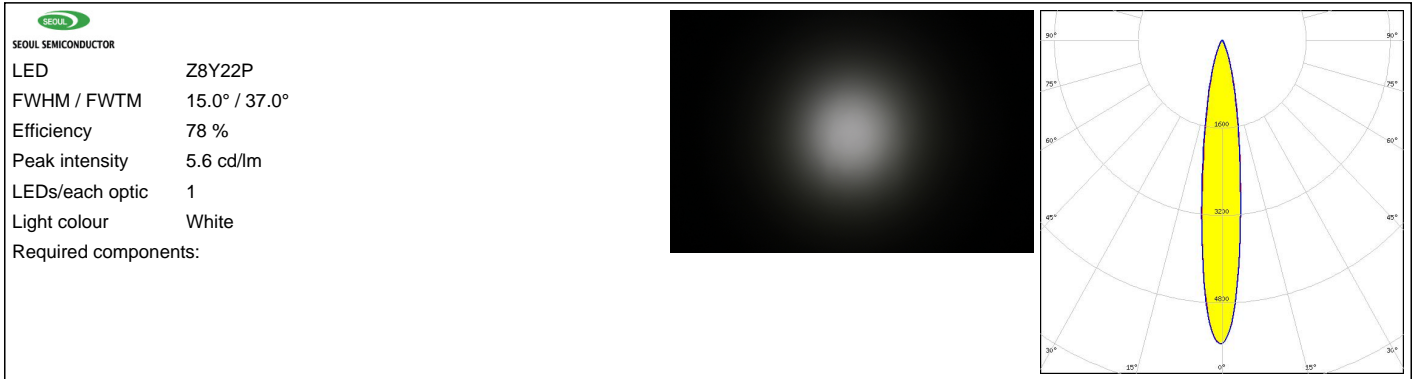
LED Duris S5 (Single chip)
 FWHM / FWTM 16.0° / 38.0°
 Efficiency 86 %
 Peak intensity 6.1 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:




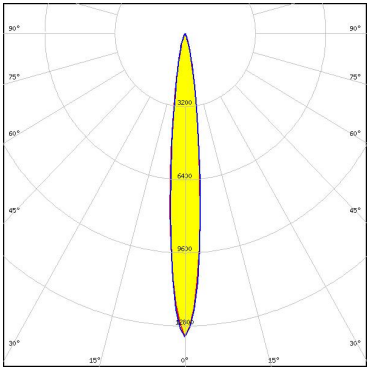

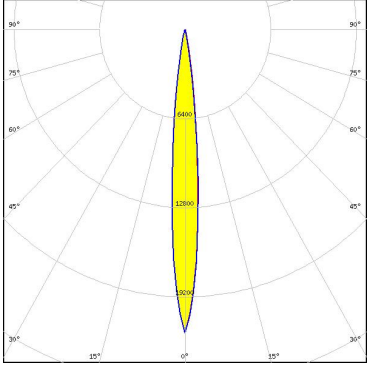

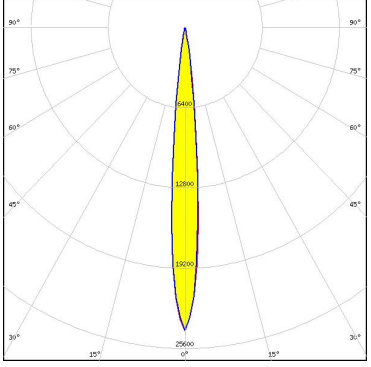

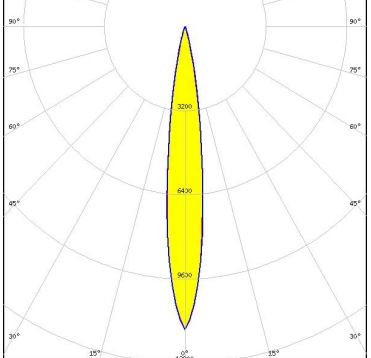
PHOTOMETRIC DATA (MEASURED):

<p>OSRAM Opto Semiconductors</p> <p>LED OSLON Square CSSRM2/CSSRM3</p> <p>FWHM / FWTM 14.0° / 31.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 8.7 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>SAMSUNG</p> <p>LED LH181A</p> <p>FWHM / FWTM 15.0° / 37.0°</p> <p>Efficiency 78 %</p> <p>Peak intensity 5.7 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>SAMSUNG</p> <p>LED LH181B</p> <p>FWHM / FWTM 15.0° / 37.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 6.3 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>SEOUL SEOUL SEMICONDUCTOR</p> <p>LED Z5M3</p> <p>FWHM / FWTM 16.0° / 36.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 6.2 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		


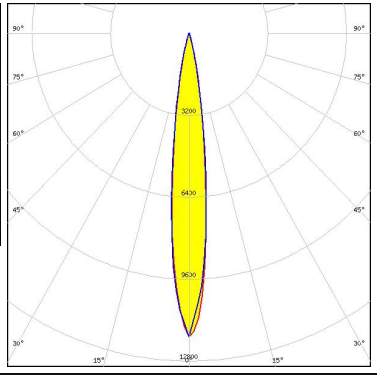
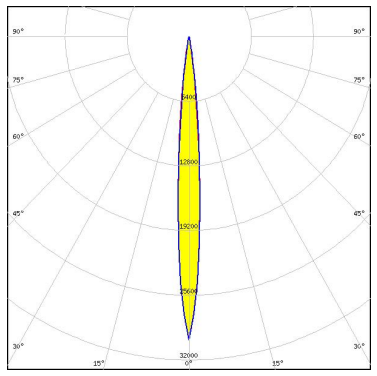
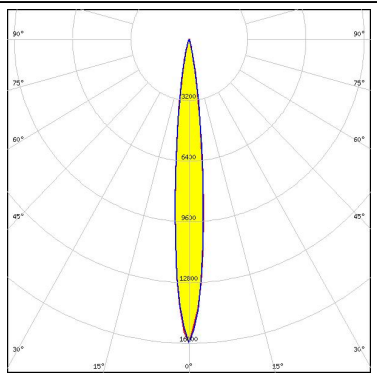
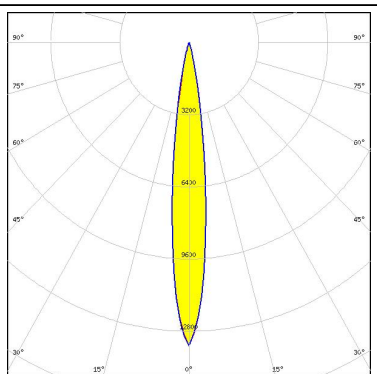
PHOTOMETRIC DATA (MEASURED):



PHOTOMETRIC DATA (SIMULATED):

	<p>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:</p>	
	<p>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:</p>	
	<p>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:</p>	
	<p>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:</p>	

PHOTOMETRIC DATA (SIMULATED):

<p>CREE → LED</p> <p>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:</p>		
<p>CREE → LED</p> <p>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:</p>		
<p>CREE → LED</p> <p>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:</p>		
<p>LUMILEDS</p> <p>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:</p>		

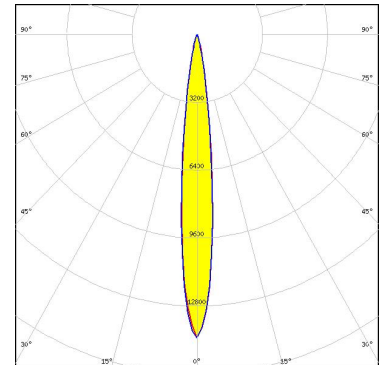
PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

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

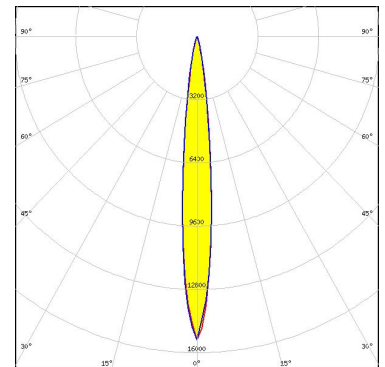
LUMILEDS

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:



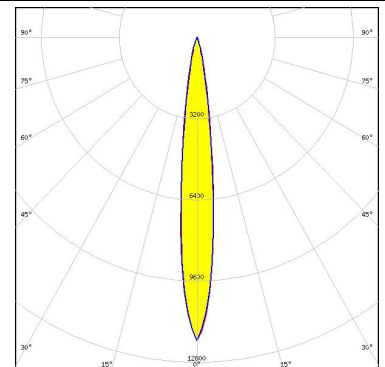
LUMILEDS

LED LUXEON TX
 FWHM / FWTM 11.0° / 24.0°
 Efficiency 92 %
 Peak intensity 15.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

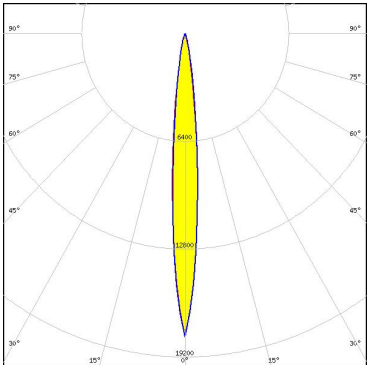
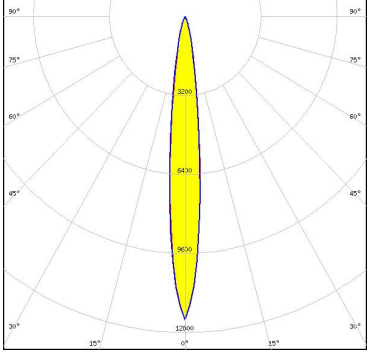
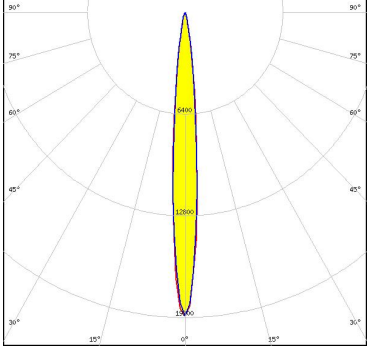
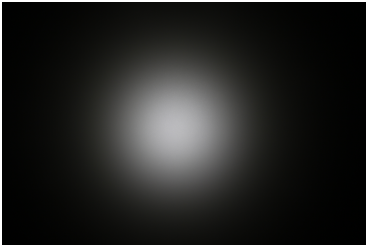
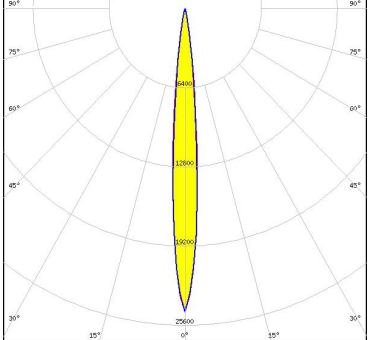


NICHIA

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:



PHOTOMETRIC DATA (SIMULATED):

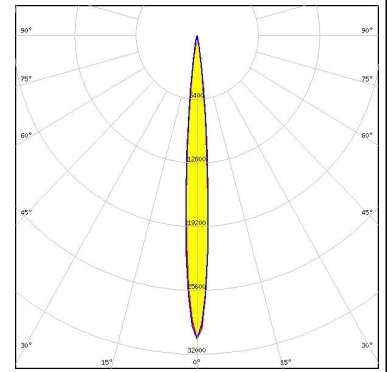
<p>OSRAM Opto Semiconductors</p> <p>LED OSCONIQ P 3030</p> <p>FWHM / FWTM 10.0° / 22.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 18 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour Blue</p> <p>Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSCONIQ P 3737 Flat</p> <p>FWHM / FWTM 12.0° / 28.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 12.3 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 OSOLON Square Flat</p> <p>FWHM / FWTM 9.4° / 20.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 19.1 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 OSOLON SSL 150</p> <p>FWHM / FWTM 10.0° / 19.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 24.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

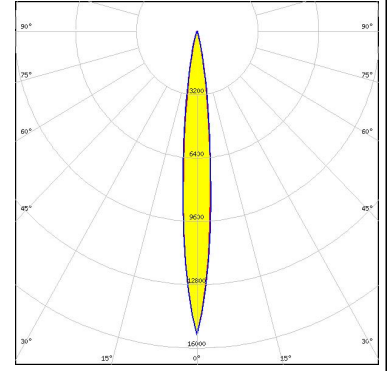
LED OSLON SSL 80
 FWHM / FWTM 8.3° / 17.0°
 Efficiency 92 %
 Peak intensity 30.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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:



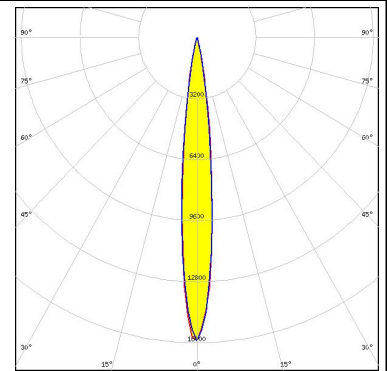
OSRAM

Opto Semiconductors

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

SAMSUNG

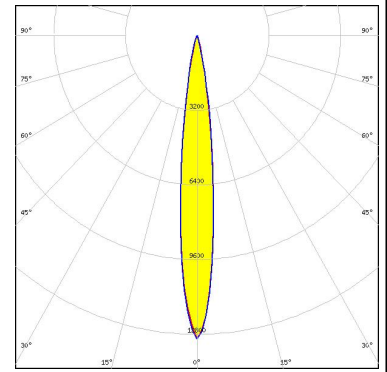
LED LH351A
 FWHM / FWTM 11.0° / 23.0°
 Efficiency 91 %
 Peak intensity 15.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



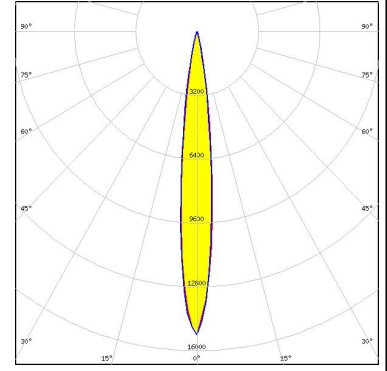
PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

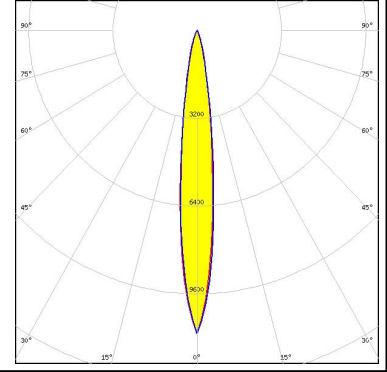
LED LH351B
 FWHM / FWTM 12.0° / 26.0°
 Efficiency 92 %
 Peak intensity 13 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



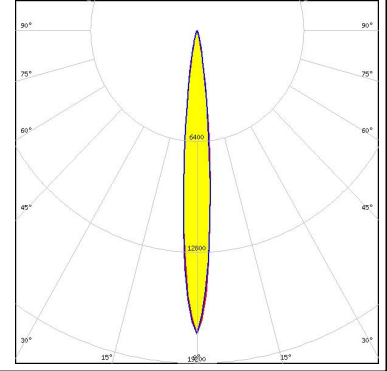
SEOUL SEMICONDUCTOR
 LED Z5M1/Z5M2
 FWHM / FWTM 12.0° / 23.0°
 Efficiency 93 %
 Peak intensity 15.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

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