

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 ⓘ

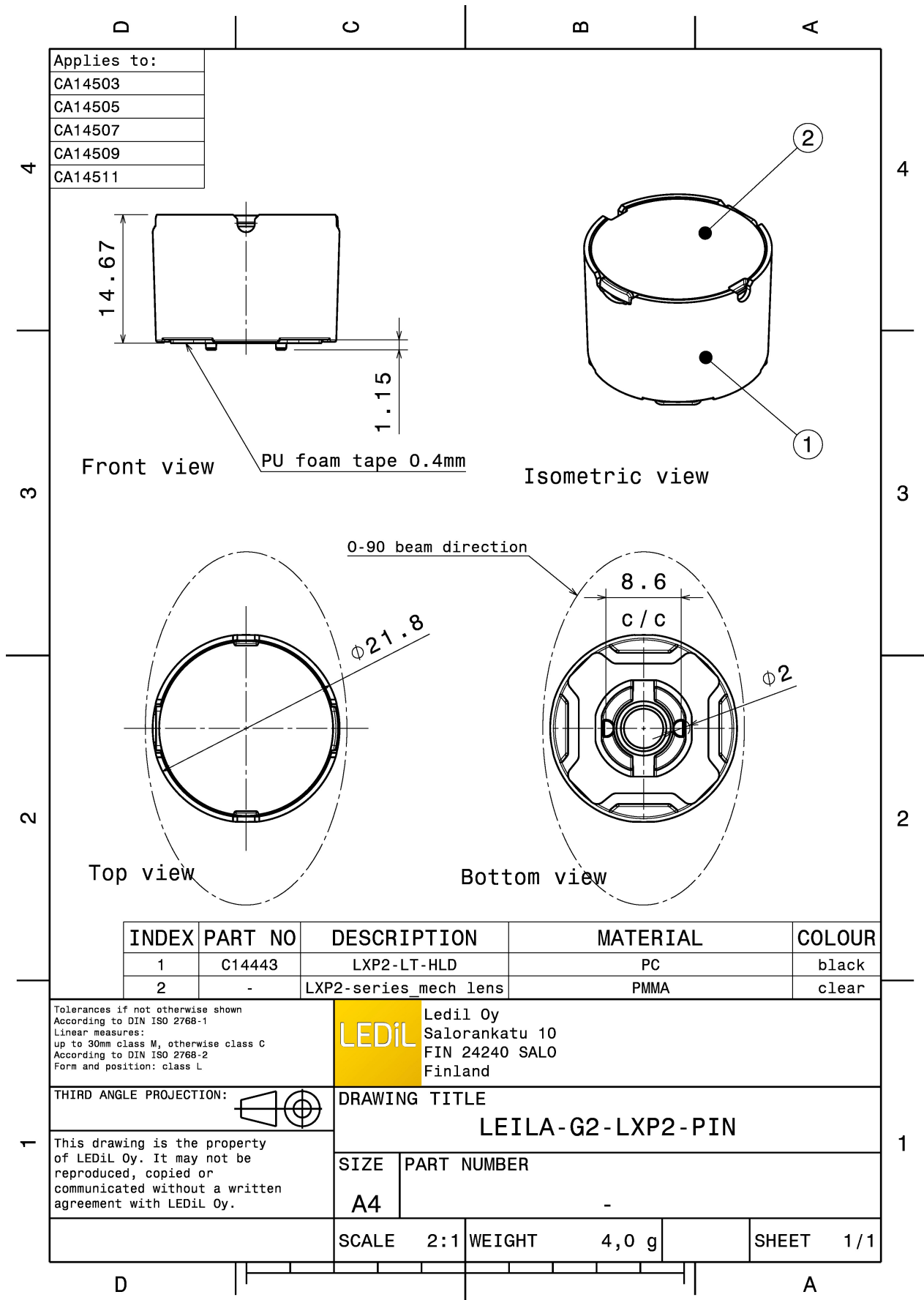


MATERIALS:

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	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	-

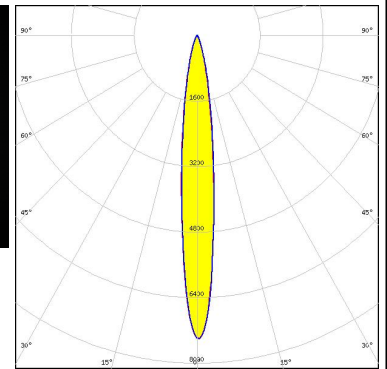
SCALE	2:1	WEIGHT	4,0 g	SHEET	1/1
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See also our general installation guide: www.ledil.com/installation_guide

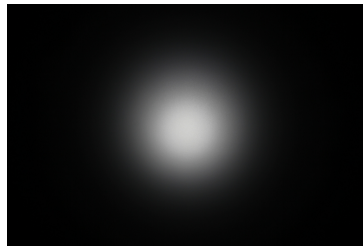
OPTICAL RESULTS (MEASURED):



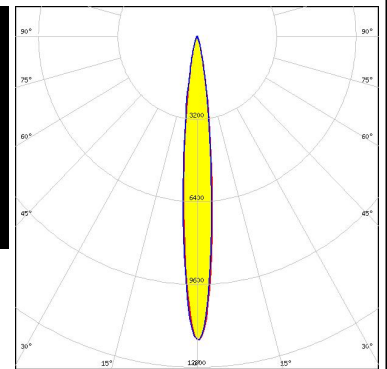
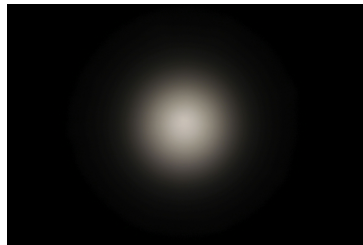
LED XD16
 FWHM / FWTM 13.0° / 32.0°
 Efficiency 78 %
 Peak intensity 7.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



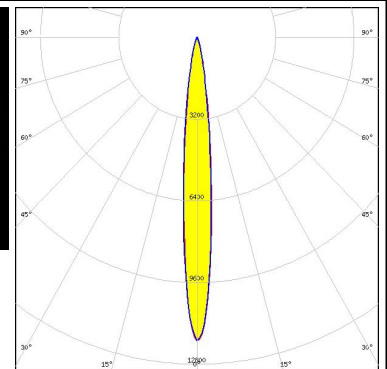
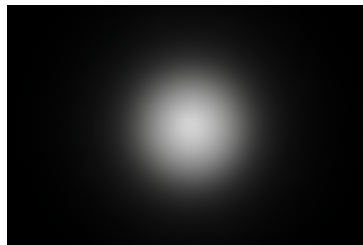
LED XP-E
 FWHM / FWTM 9.7° / 22.0°
 Efficiency 88 %
 Peak intensity 19.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



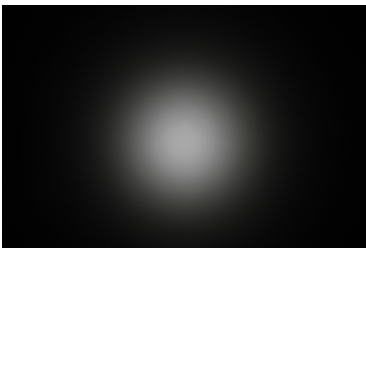
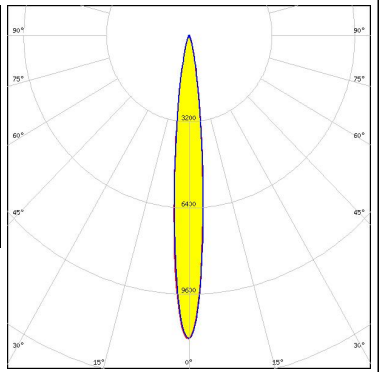
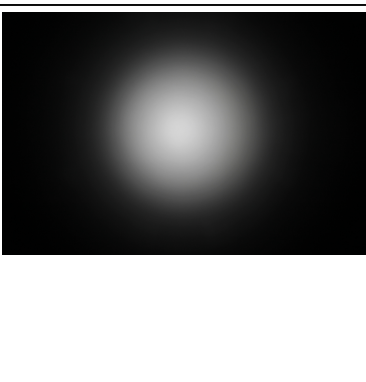
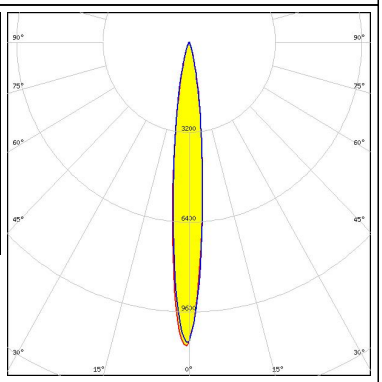

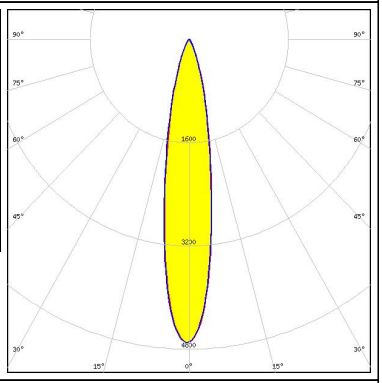

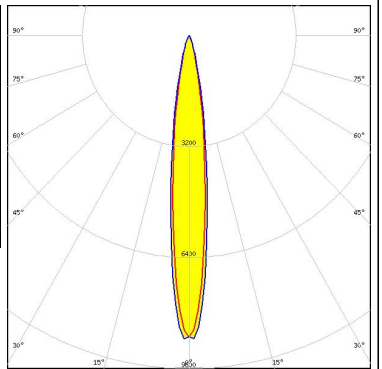
LED XQ-E HD
 FWHM / FWTM 11.0° / 25.0°
 Efficiency 85 %
 Peak intensity 11.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:




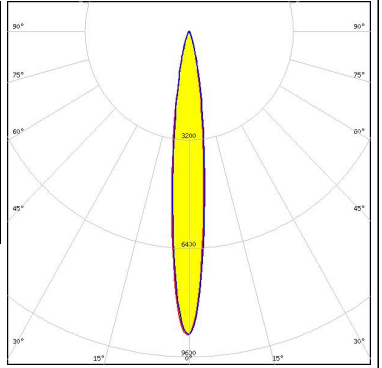

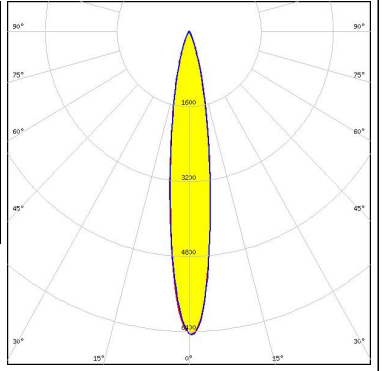
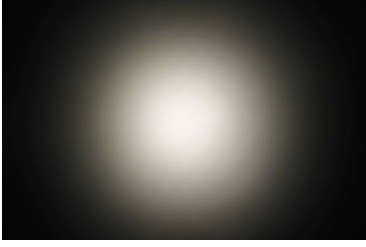
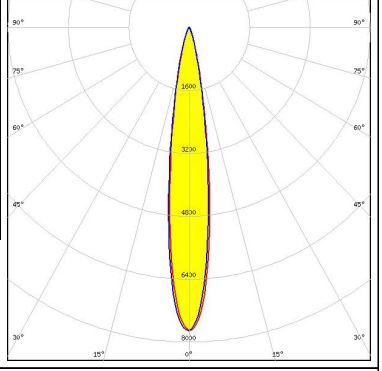

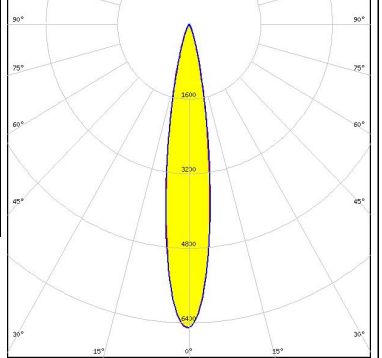
LED XQ-E HI
 FWHM / FWTM 11.0° / 25.0°
 Efficiency 84 %
 Peak intensity 12 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:




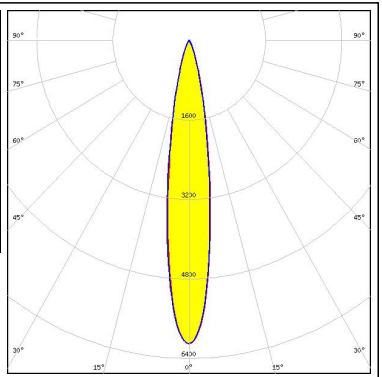
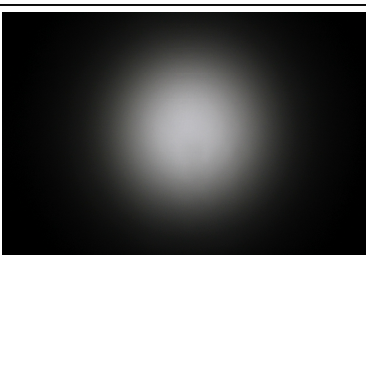
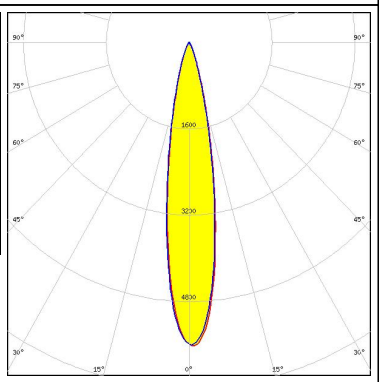
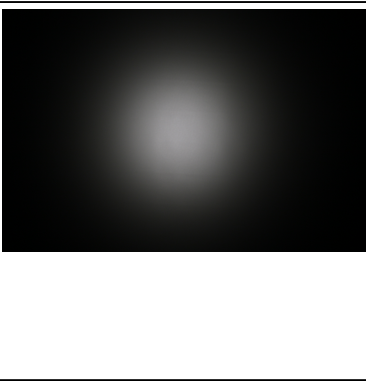
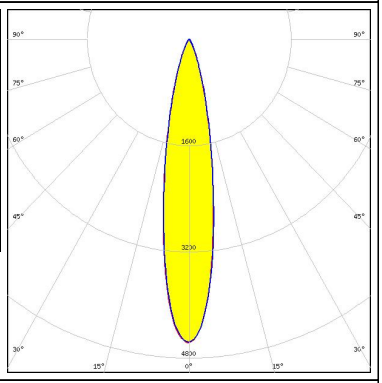

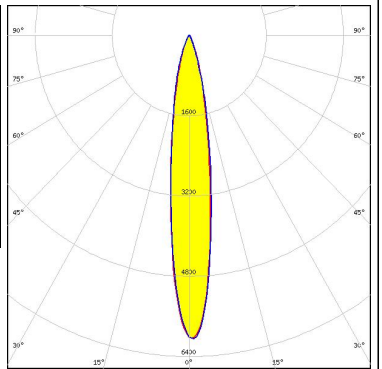
OPTICAL RESULTS (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON C</p> <p>FWHM / FWTM 11.0° / 25.0°</p> <p>Efficiency 80 %</p> <p>Peak intensity 11 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON CZ</p> <p>FWHM / FWTM 12.0° / 28.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 10.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON V</p> <p>FWHM / FWTM 18.0° / 41.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 4.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON Z ES</p> <p>FWHM / FWTM 14.0° / 31.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 8.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

OPTICAL RESULTS (MEASURED):

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

OPTICAL RESULTS (MEASURED):

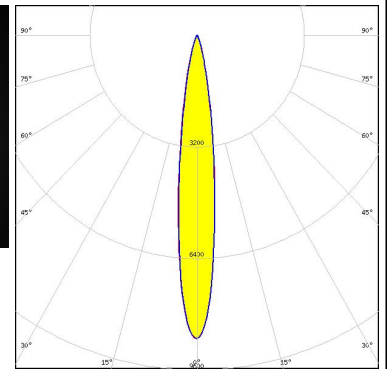
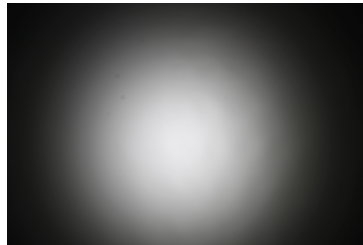
<p>NICHIA</p> <p>LED NVSW3x9A FWHM / FWTM 17.0° / 36.0° Efficiency 81 % Peak intensity 6.1 cd/m² LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSW519A FWHM / FWTM 19.0° / 38.0° Efficiency 86 % Peak intensity 5.6 cd/m² LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NWSx229A FWHM / FWTM 29.0° / 42.0° Efficiency 83 % Peak intensity 4.6 cd/m² LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED Duris S5 (Single chip) FWHM / FWTM 16.0° / 38.0° Efficiency 86 % Peak intensity 6.1 cd/m² LEDs/each optic 1 Light colour White Required components:</p>		

OPTICAL RESULTS (MEASURED):

OSRAM

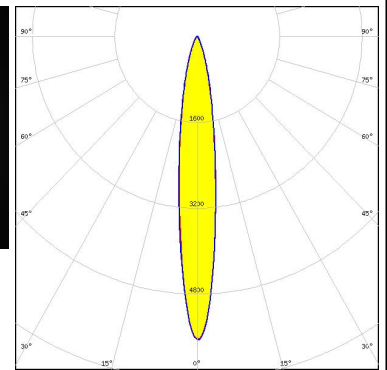
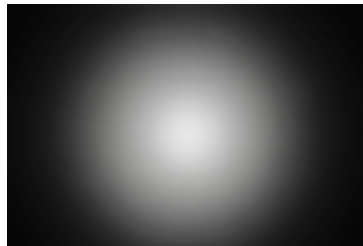
Opto Semiconductors

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:



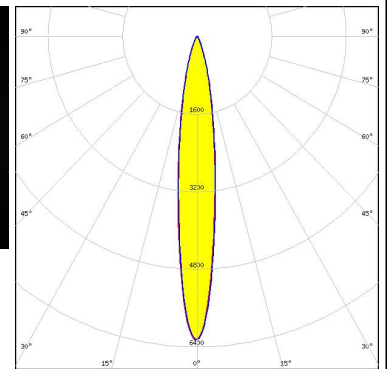
SAMSUNG

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:



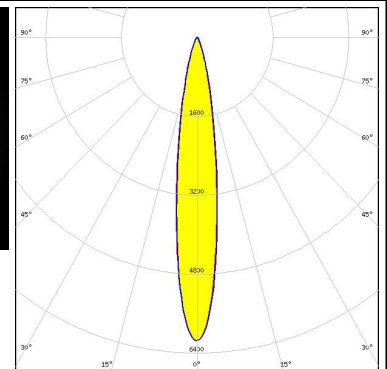
SAMSUNG

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:

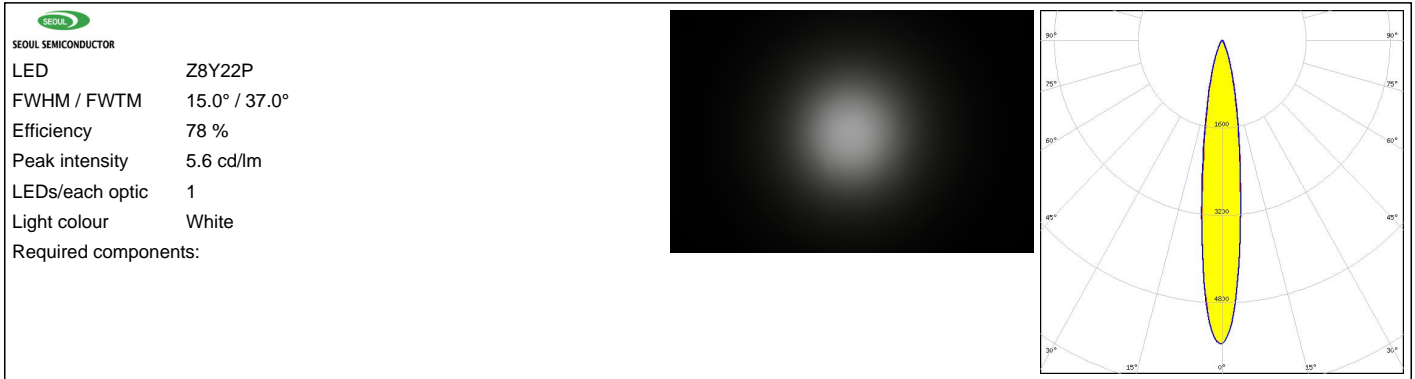


SEOUL SEMICONDUCTOR

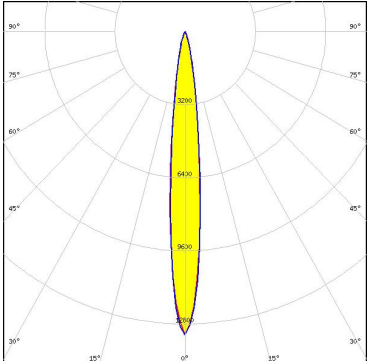
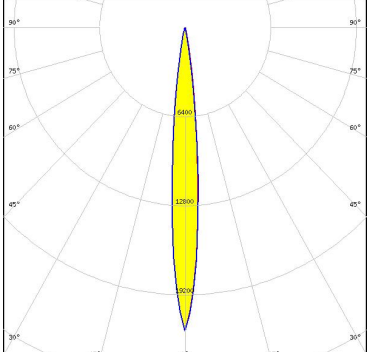
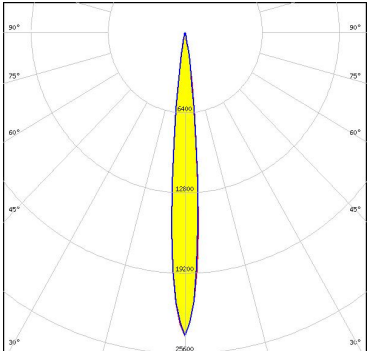
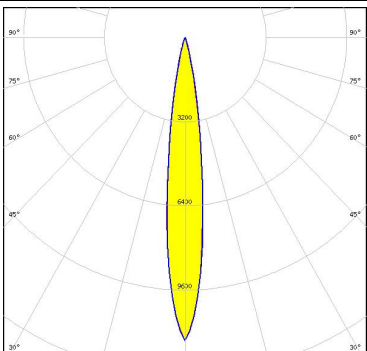
LED Z5M3
 FWHM / FWTM 16.0° / 36.0°
 Efficiency 84 %
 Peak intensity 6.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:




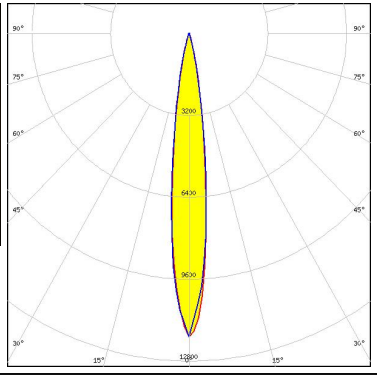
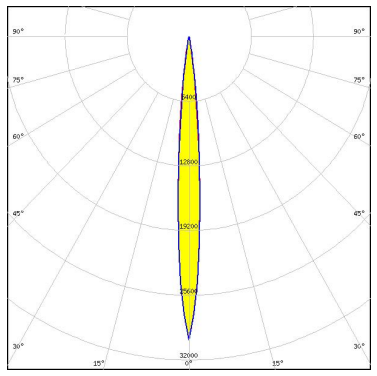
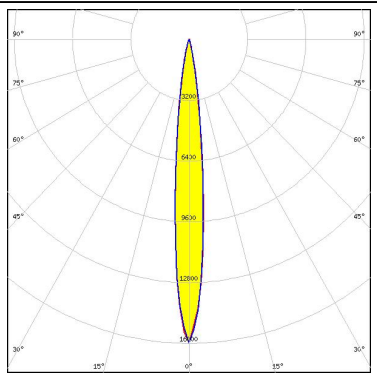
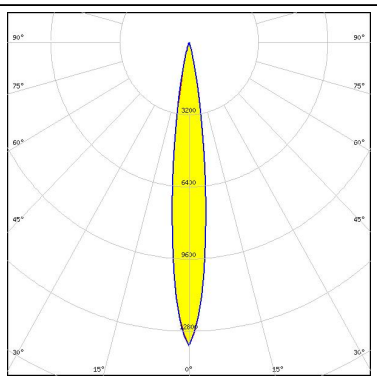
OPTICAL RESULTS (MEASURED):





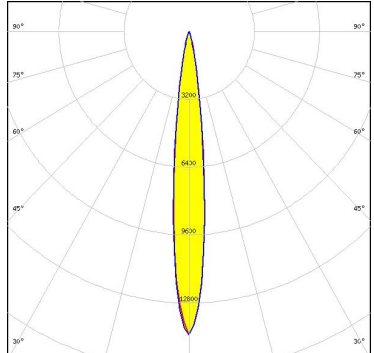

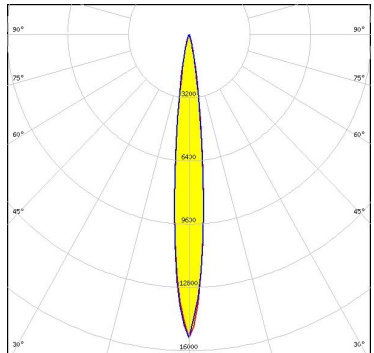

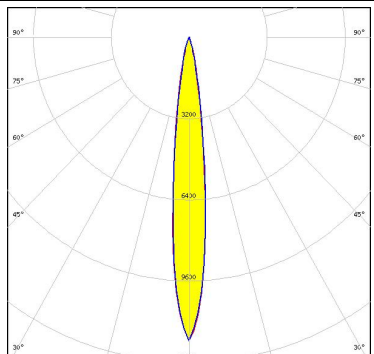
OPTICAL RESULTS (SIMULATED):

<p>CREE LEDs</p> <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>CREE LEDs</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>CREE LEDs</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>CREE LEDs</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>	

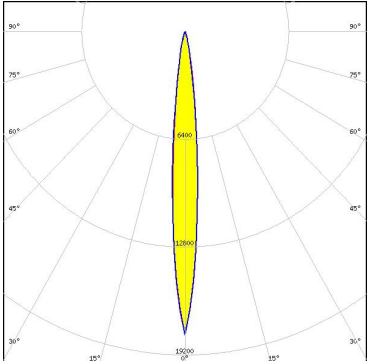
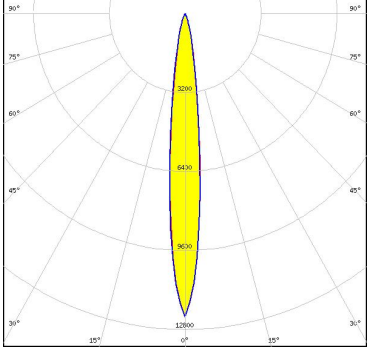
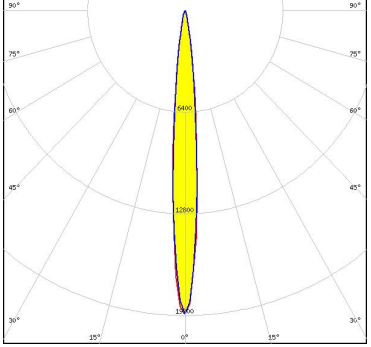
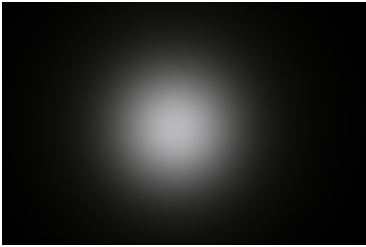
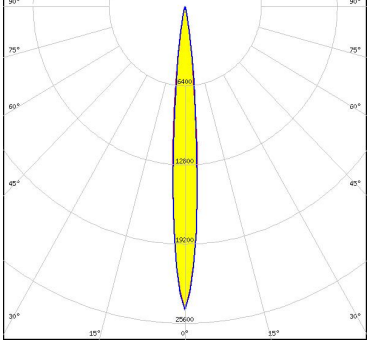
OPTICAL RESULTS (SIMULATED):

<p>CREE LEDs</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 LEDs</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 LEDs</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>		

OPTICAL RESULTS (SIMULATED):

	<p>LED LUXEON IR Compact</p> <p>FWHM / FWTM 8.0° / 17.0°</p> <p>Efficiency 84 %</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
	<p>LED LUXEON T</p> <p>FWHM / FWTM 12.0° / 24.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 14.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
	<p>LED LUXEON TX</p> <p>FWHM / FWTM 11.0° / 24.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 15.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
	<p>LED NVSxx19B/NVSxx19C</p> <p>FWHM / FWTM 13.0° / 27.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 12 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

OPTICAL RESULTS (SIMULATED):

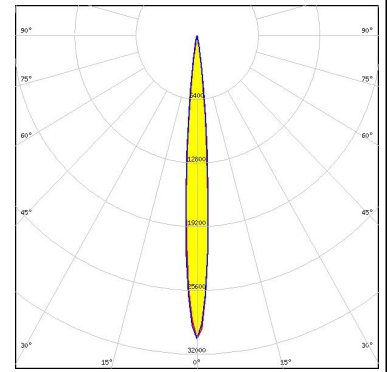
<p>OSRAM Opto Semiconductors</p> <p>LED: OSCONIQ P 3030</p> <p>FWHM / FWTM: 10.0° / 22.0°</p> <p>Efficiency: 92 %</p> <p>Peak intensity: 18 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: Blue</p> <p>Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: OSCONIQ P 3737 Flat</p> <p>FWHM / 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: OSLON 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: OSLON 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>	

OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

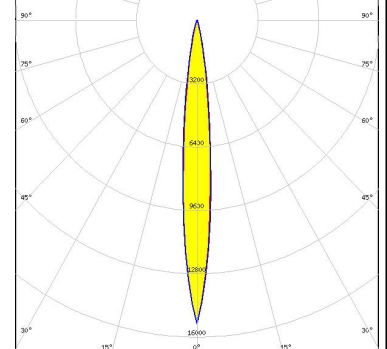
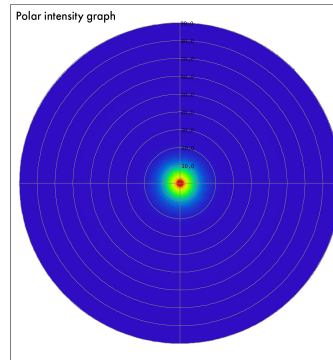
LED OSLOM SSL 80
 FWHM / FWTM 8.3° / 17.0°
 Efficiency 92 %
 Peak intensity 30.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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:



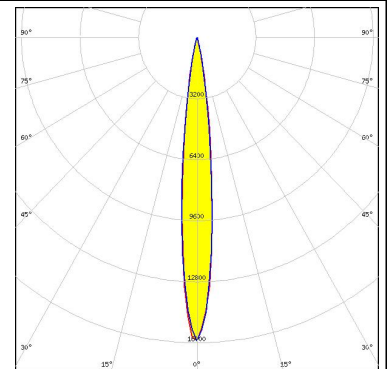
OSRAM

Opto Semiconductors

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

SAMSUNG

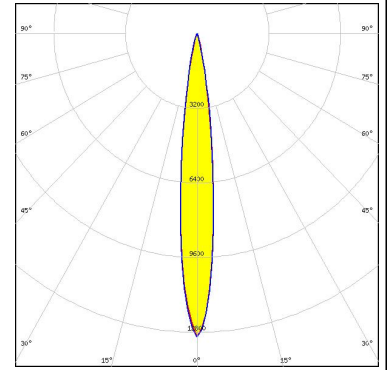
LED LH351A
 FWHM / FWTM 11.0° / 23.0°
 Efficiency 91 %
 Peak intensity 15.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



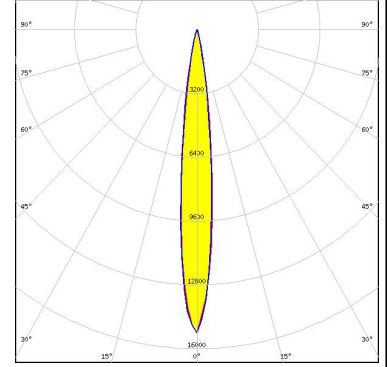
OPTICAL RESULTS (SIMULATED):

SAMSUNG

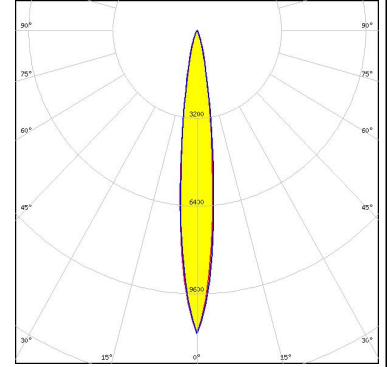
LED LH351B
 FWHM / FWTM 12.0° / 26.0°
 Efficiency 92 %
 Peak intensity 13 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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:

