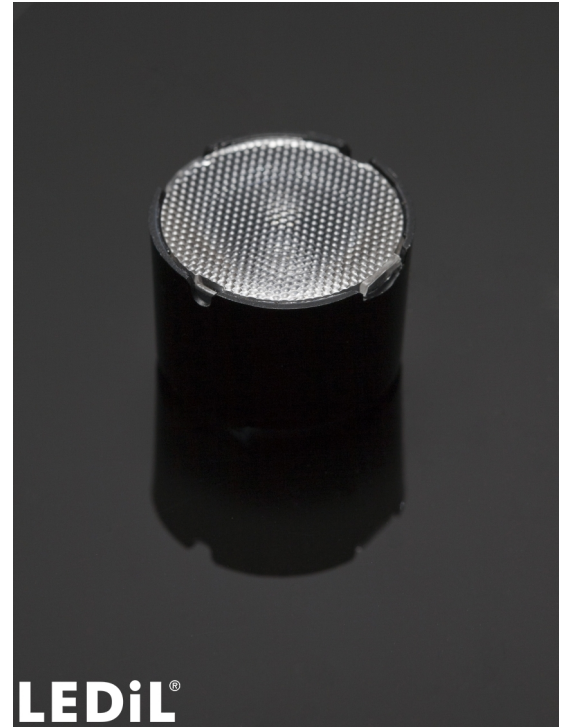


G2-LXP2-M-P

~20° medium 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 ⓘ

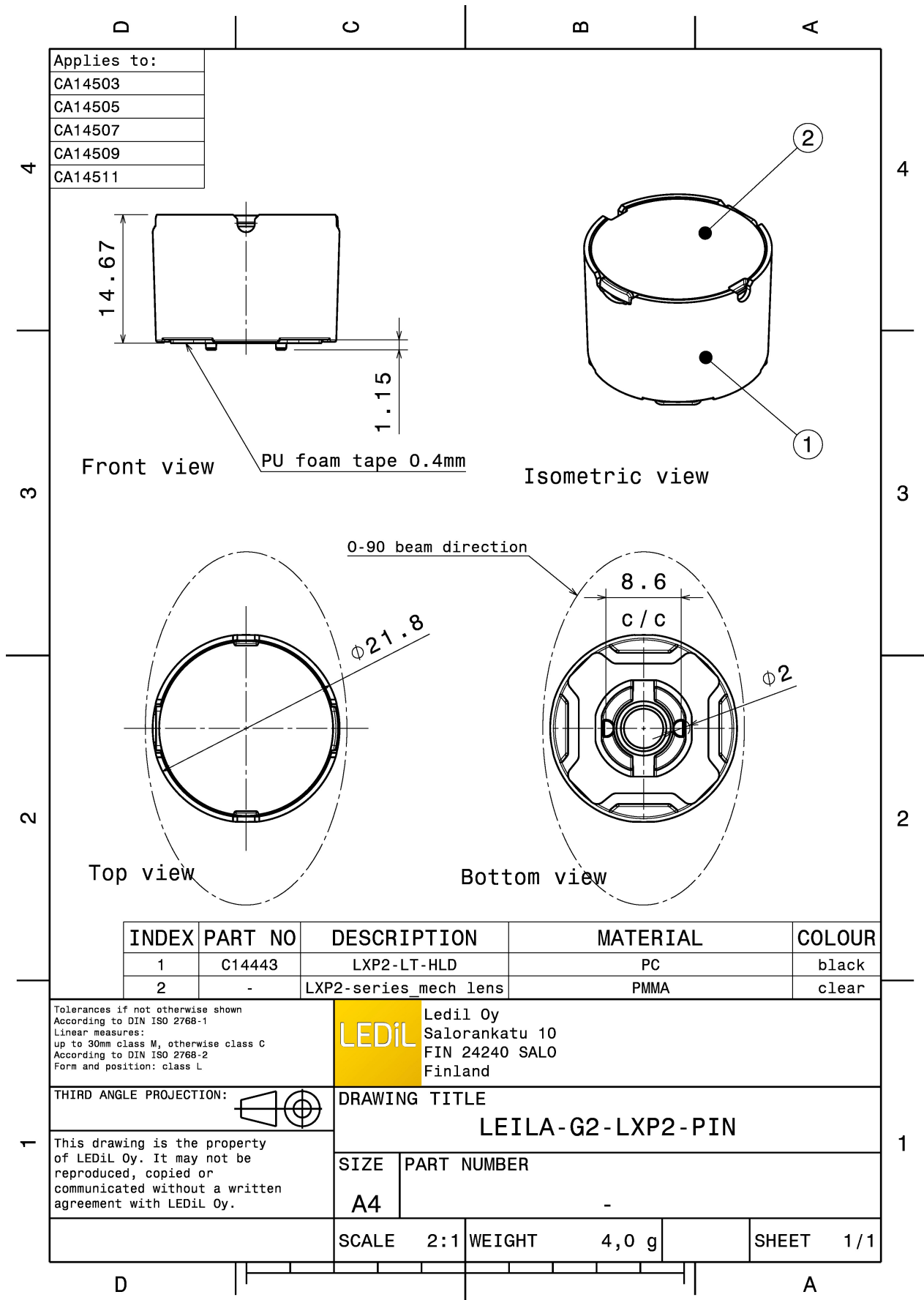


MATERIALS:

Component	Type	Material	Colour	Finish
LXP2-M	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)
CA14509_G2-LXP2-M-P	Single lens	1680	336	112	8.1
» Box size:					



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

This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.

SIZE	PART NUMBER
A4	-

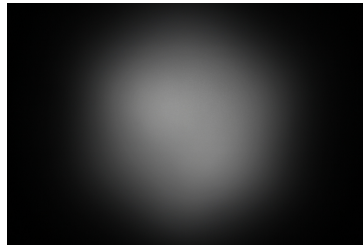
SCALE	2:1	WEIGHT	4,0 g	SHEET	1/1
-------	-----	--------	-------	-------	-----

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

OPTICAL RESULTS (MEASURED):

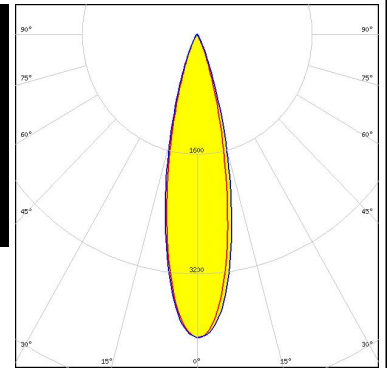
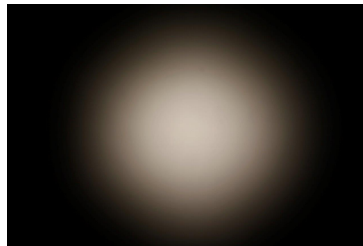
CREE LED

LED XP-E
 FWHM / FWTM 22.0° / 40.0°
 Efficiency 88 %
 Peak intensity 5.2 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



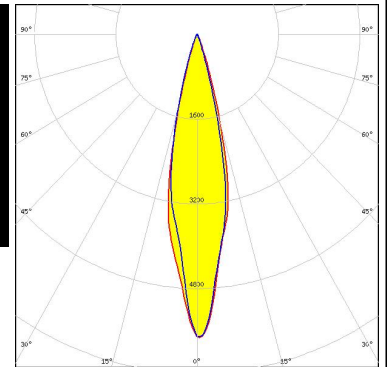
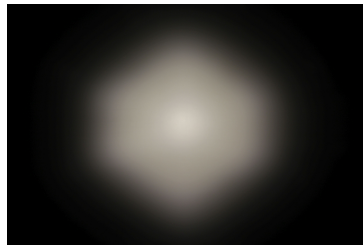
CREE LED

LED XP-L HD
 FWHM / FWTM 24.0° / 44.0°
 Efficiency 86 %
 Peak intensity 4.1 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



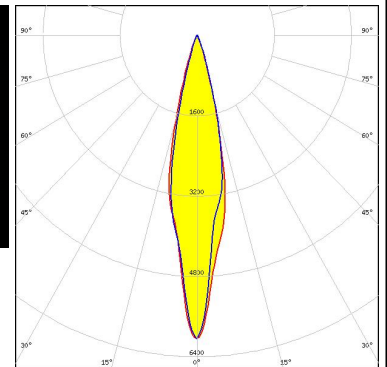
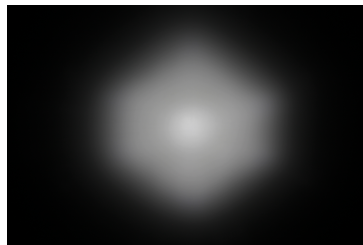
CREE LED

LED XQ-E HD
 FWHM / FWTM 22.0° / 37.0°
 Efficiency 86 %
 Peak intensity 5.8 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



CREE LED

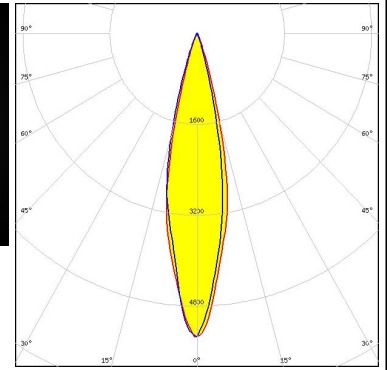
LED XQ-E HI
 FWHM / FWTM 21.0° / 37.0°
 Efficiency 85 %
 Peak intensity 6.1 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

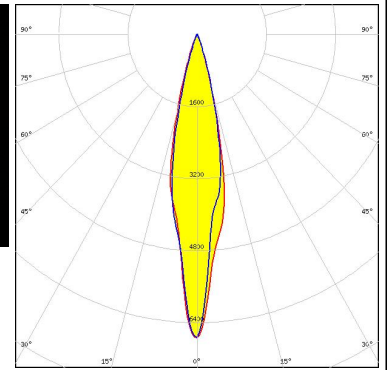
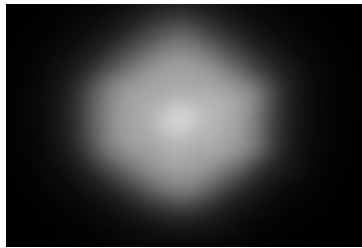
LUMILEDS

LED LUXEON C
 FWHM / FWTM 23.0° / 38.0°
 Efficiency 82 %
 Peak intensity 5.3 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



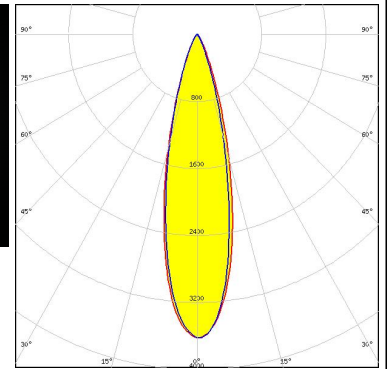
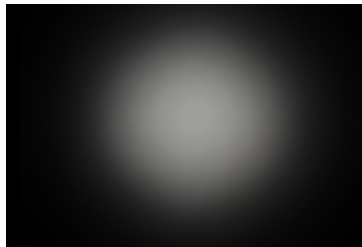
LUMILEDS

LED LUXEON CZ
 FWHM / FWTM 20.0° / 37.0°
 Efficiency 89 %
 Peak intensity 6.7 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



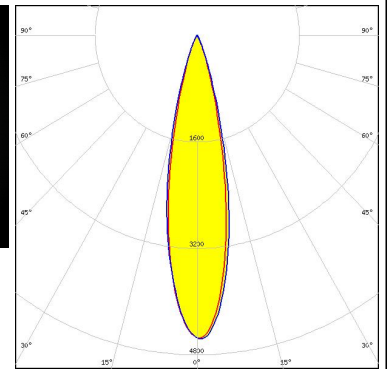
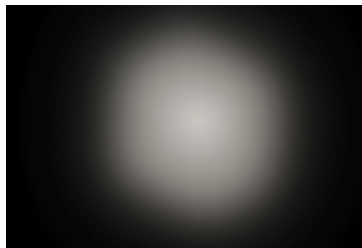
LUMILEDS

LED LUXEON V
 FWHM / FWTM 26.0° / 48.0°
 Efficiency 86 %
 Peak intensity 3.6 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:


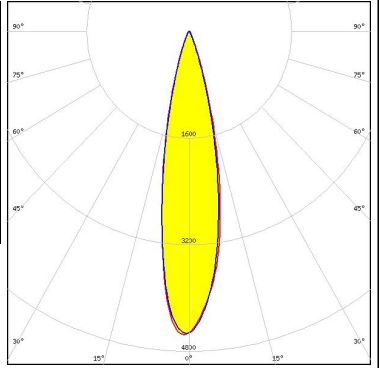

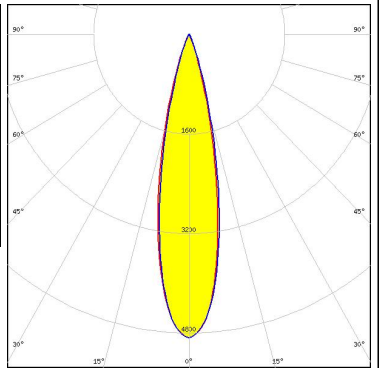
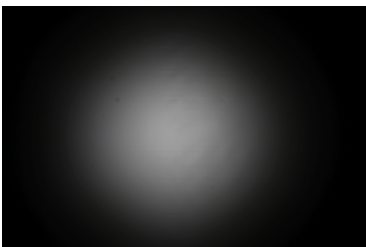
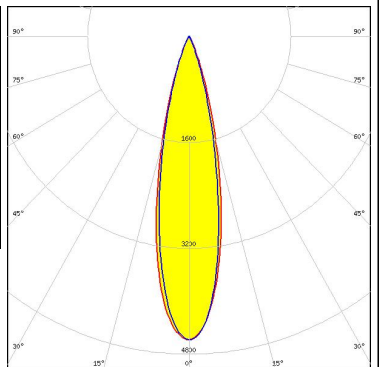
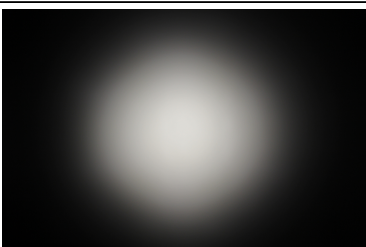
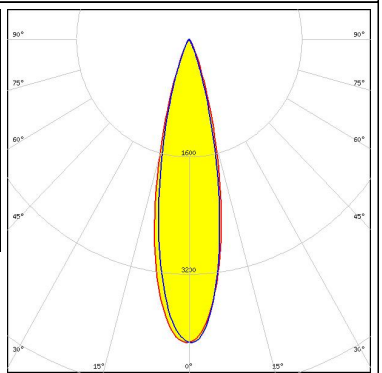


LUMILEDS

LED LUXEON V2
 FWHM / FWTM 23.0° / 41.0°
 Efficiency 89 %
 Peak intensity 4.6 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



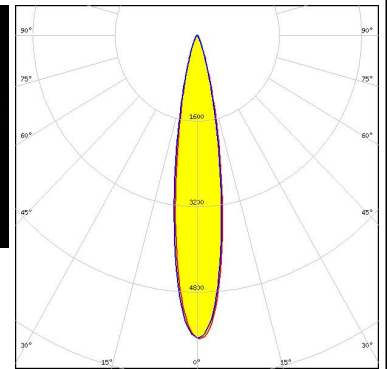
OPTICAL RESULTS (MEASURED):

<p>NICHIA</p> <p>LED NCSxx19A FWHM / FWTM 22.0° / 40.0° Efficiency 86 % Peak intensity 4.6 cd/m LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSW219F FWHM / FWTM 23.0° / 40.0° Efficiency 90 % Peak intensity 4.9 cd/m LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSW319B FWHM / FWTM 24.0° / 43.0° Efficiency 90 % Peak intensity 4.6 cd/m LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSW3x9A FWHM / FWTM 24.0° / 44.0° Efficiency 86 % Peak intensity 4.3 cd/m LEDs/each optic 1 Light colour White Required components:</p>		

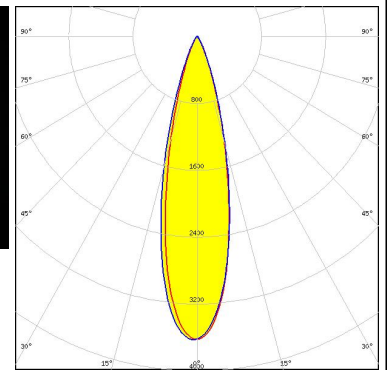
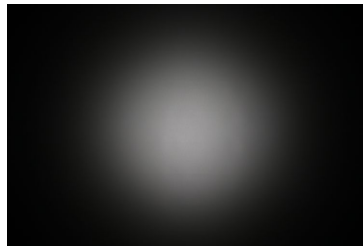
OPTICAL RESULTS (MEASURED):



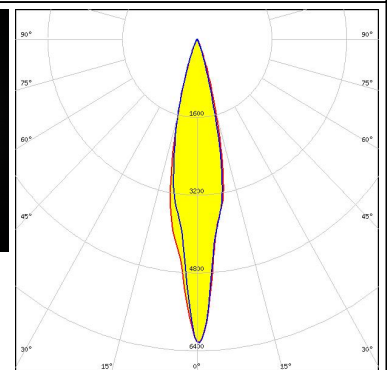
LED NVSW519A
 FWHM / FWTM 18.0° / 37.0°
 Efficiency 86 %
 Peak intensity 5.7 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



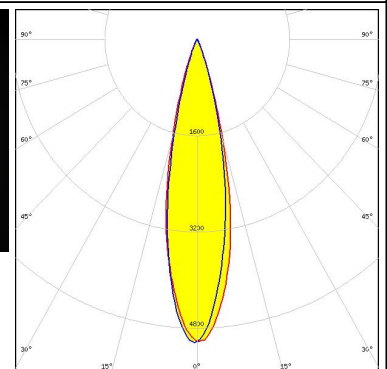
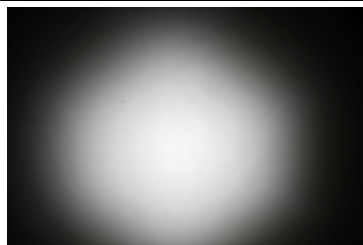
LED NWSx229A
 FWHM / FWTM 25.0° / 47.0°
 Efficiency 86 %
 Peak intensity 3.6 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



LED OSLON Black Flat
 FWHM / FWTM 20.0° / 38.0°
 Efficiency 87 %
 Peak intensity 6.3 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



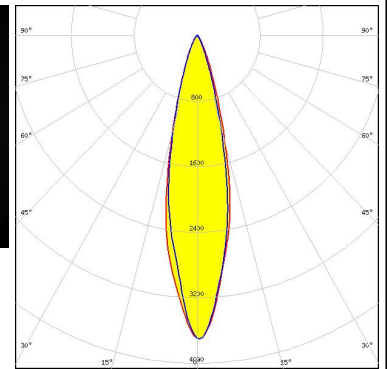
LED OSLON Square CSSRM2/CSSRM3
 FWHM / FWTM 24.0° / 41.0°
 Efficiency 90 %
 Peak intensity 5.1 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

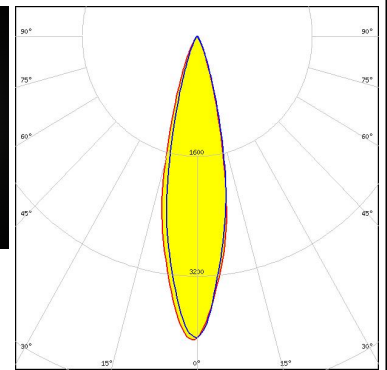
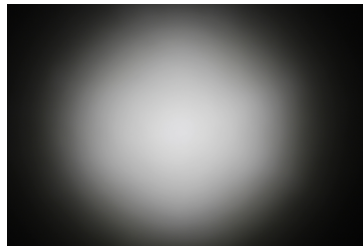
SAMSUNG

LED LH181A
 FWHM / FWTM 24.0° / 45.0°
 Efficiency 80 %
 Peak intensity 3.7 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:

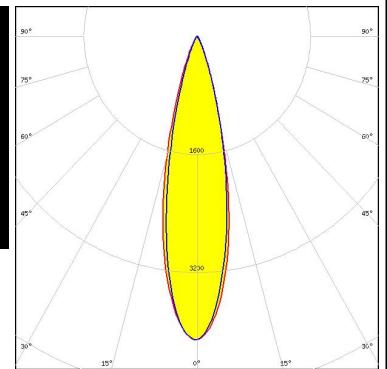


SAMSUNG

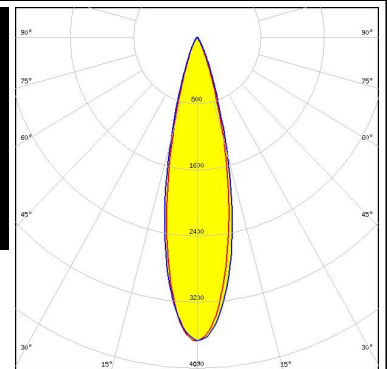
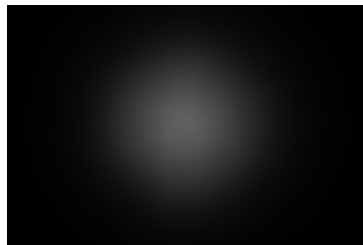
LED LH181B
 FWHM / FWTM 25.0° / 46.0°
 Efficiency 85 %
 Peak intensity 4.1 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



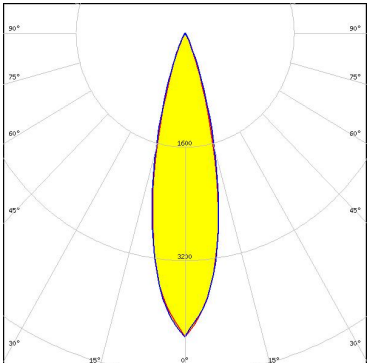
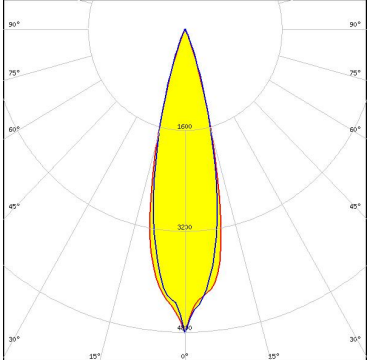
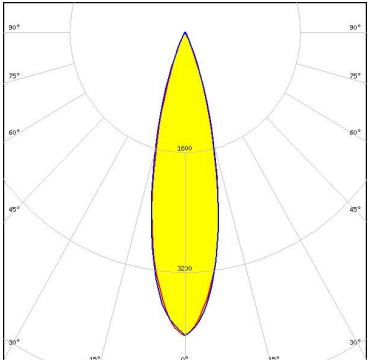
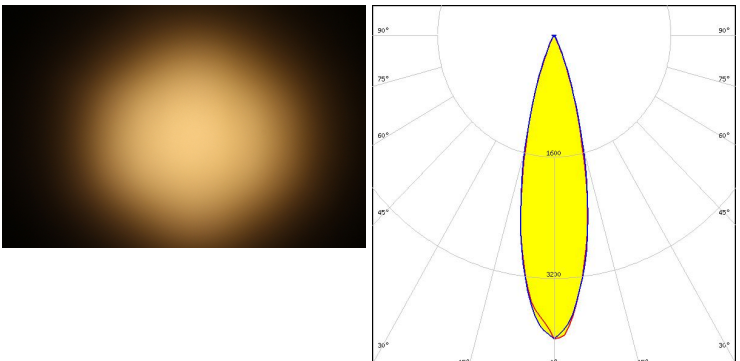
SEOUL SEMICONDUCTOR
 LED Z5M3
 FWHM / FWTM 24.0° / 44.0°
 Efficiency 86 %
 Peak intensity 4.1 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:




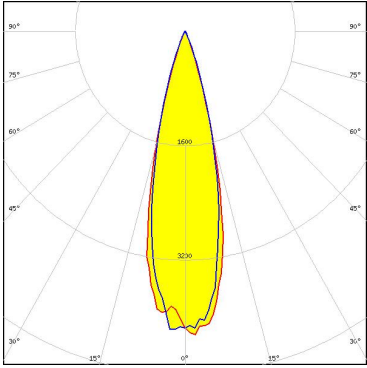

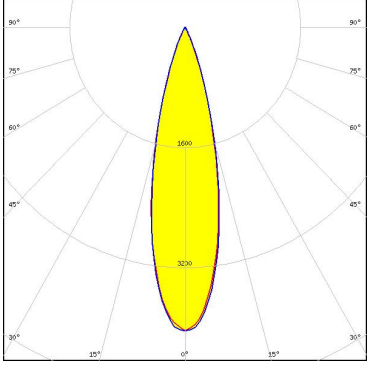


SEOUL SEMICONDUCTOR
 LED Z8Y22P
 FWHM / FWTM 26.0° / 46.0°
 Efficiency 81 %
 Peak intensity 3.7 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

<p>CREE → LED</p> <p>LED: J Series 2835 FWHM / FWTM: 26.0° / 45.0° Efficiency: 92 % Peak intensity: 4.3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE → LED</p> <p>LED: XP-G2 FWHM / FWTM: 25.0° / 41.0° Efficiency: 93 % Peak intensity: 4.8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE → LED</p> <p>LED: XP-G2 HE FWHM / FWTM: 26.0° / 45.0° Efficiency: 90 % Peak intensity: 4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE → LED</p> <p>LED: XP-G3 FWHM / FWTM: 26.0° / 45.0° Efficiency: 89 % Peak intensity: 4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

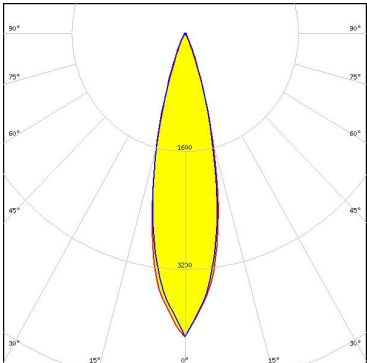
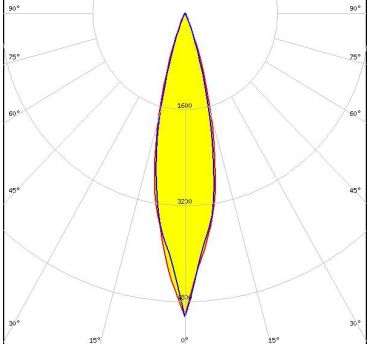
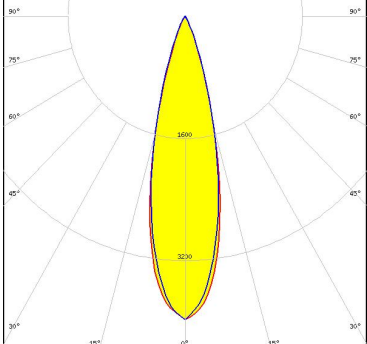
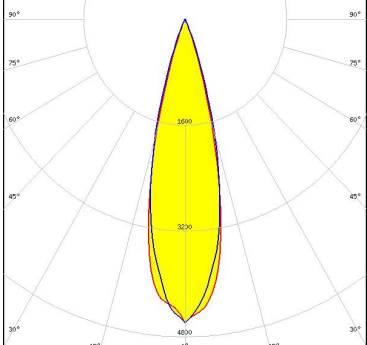
OPTICAL RESULTS (SIMULATED):

		
LED	XT-E	
FWHM / FWTM	26.0° / 42.0°	
Efficiency	89 %	
Peak intensity	4.3 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
		
LED	LUXEON HL2X	
FWHM / FWTM	26.0° / 46.0°	
Efficiency	91 %	
Peak intensity	4.1 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
		
LED	LUXEON IR Compact	
FWHM / FWTM	26.0° / 40.0°	
Efficiency	84 %	
LEDs/each optic	1	
Light colour	White	
Required components:		
		
LED	LUXEON IR Domed 60	
FWHM / FWTM	24.0° / 42.0°	
Efficiency	88 %	
LEDs/each optic	1	
Light colour	White	
Required components:		

OPTICAL RESULTS (SIMULATED):

<p>LUMILEDS</p> <p>LED: LUXEON IR Domed 60 FWHM / FWTM: 24.0° / 43.0° Efficiency: 88 % LEDs/each optic: 1 Light colour: IR Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON IR Domed 90 FWHM / FWTM: 26.0° / 44.0° Efficiency: 90 % LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON T FWHM / FWTM: 26.0° / 43.0° Efficiency: 92 % Peak intensity: 4.3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON TX FWHM / FWTM: 26.0° / 43.0° Efficiency: 91 % Peak intensity: 4.2 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

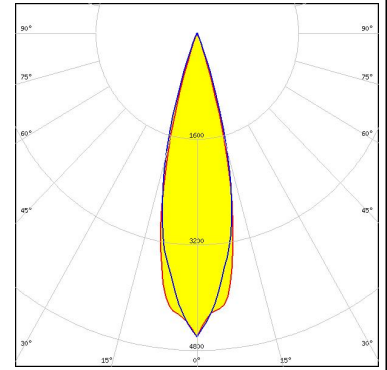
<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM / FWTM 25.0° / 44.0° Efficiency 88 % Peak intensity 4.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSCONIQ P 3030 FWHM / FWTM 23.0° / 42.0° Efficiency 91 % Peak intensity 5.1 cd/lm LEDs/each optic 1 Light colour Blue Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSCONIQ P 3737 Flat FWHM / FWTM 26.0° / 46.0° Efficiency 92 % Peak intensity 4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSOLON SSL 150 FWHM / FWTM 26.0° / 42.0° Efficiency 93 % Peak intensity 4.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

LED OSLO[®] SSL 80
FWHM / FWTM 27.0° / 40.0°
Efficiency 91 %
Peak intensity 4.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



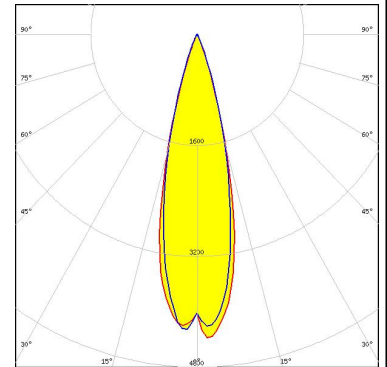
OSRAM

Opto Semiconductors

LED SFH 4770S
FWHM / FWTM 25.0° / 48.0°
Efficiency 84 %
LEDs/each optic 1
Light colour White
Required components:

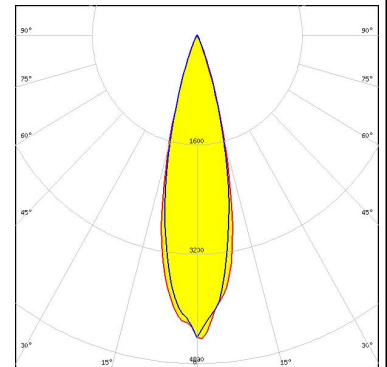
SAMSUNG

LED LH351A
FWHM / FWTM 25.0° / 41.0°
Efficiency 91 %
Peak intensity 4.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

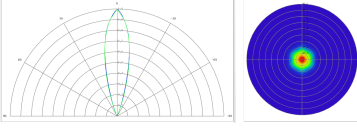
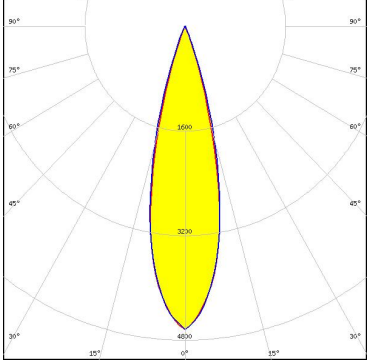
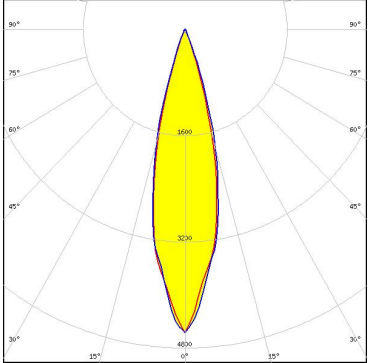
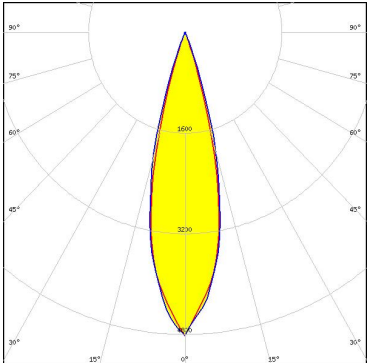
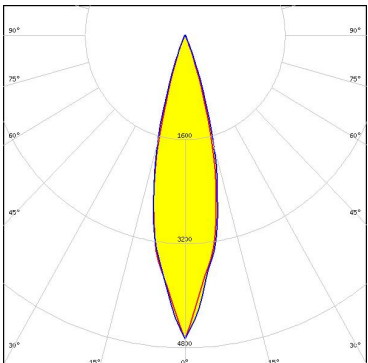
LED LH351B
FWHM / FWTM 25.0° / 41.0°
Efficiency 91 %
Peak intensity 4.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



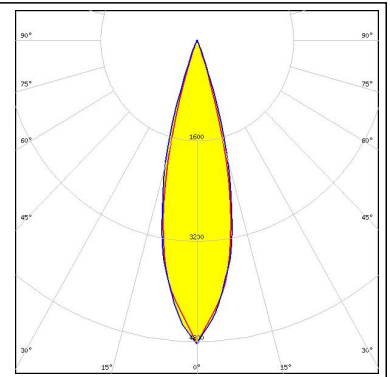
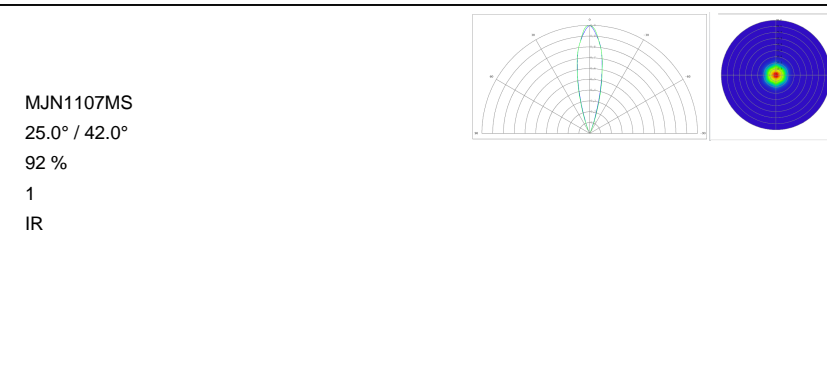
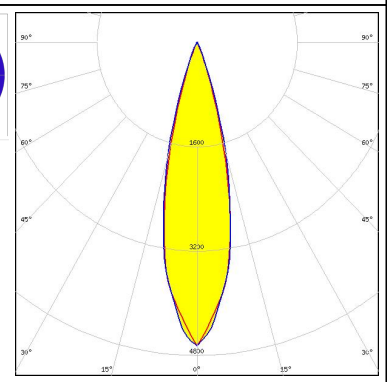
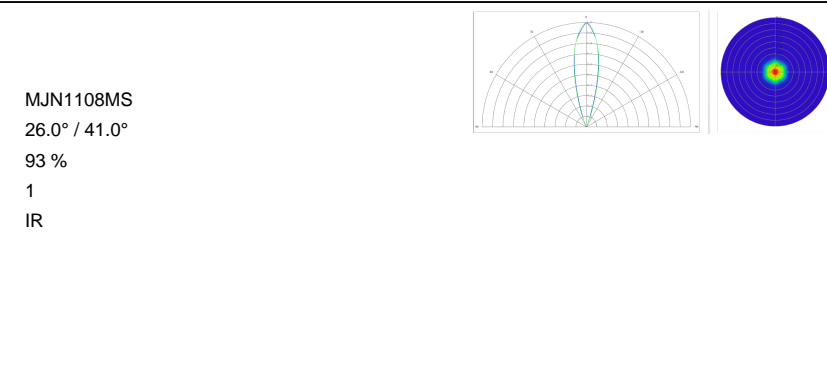
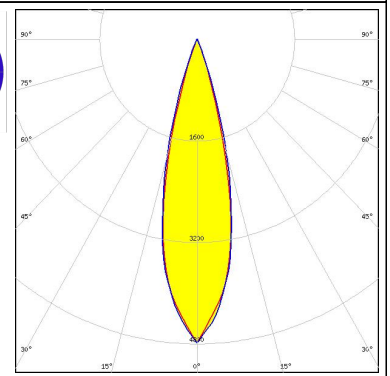
OPTICAL RESULTS (SIMULATED):

<p>SEOL SEOL SEMICONDUCTOR</p> <p>LED: Z5M1/Z5M2 FWHM / FWTM: 24.0° / 40.0° Efficiency: 92 % Peak intensity: 4.8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>SEOL SEOL SEMICONDUCTOR</p> <p>LED: Z5M4 FWHM / FWTM: 26.0° / 46.0° Efficiency: 93 % Peak intensity: 4.1 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>SEOL SEOL SEMICONDUCTOR</p> <p>LED: Z5P FWHM / FWTM: 26.0° / 41.0° Efficiency: 91 % Peak intensity: 4.3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>STANLEY</p> <p>LED: FWR1107MS FWHM / FWTM: 24.0° / 44.0° Efficiency: 89 % LEDs/each optic: 1 Light colour: IR Required components:</p>	

OPTICAL RESULTS (SIMULATED):

<p>STANLEY</p> <p>LED: FWR1108MS FWHM / FWTM: 25.0° / 41.0° Efficiency: 92 % LEDs/each optic: 1 Light colour: IR Required components:</p>		
<p>STANLEY</p> <p>LED: MFN1107MS FWHM / FWTM: 25.0° / 42.0° Efficiency: 88 % Peak intensity: 4.6 cd/lm LEDs/each optic: 1 Light colour: IR Required components:</p>		
<p>STANLEY</p> <p>LED: MFN1108MS FWHM / FWTM: 26.0° / 42.0° Efficiency: 91 % Peak intensity: 4.8 cd/lm LEDs/each optic: 1 Light colour: IR Required components:</p>		
<p>STANLEY</p> <p>LED: MGN1107MS FWHM / FWTM: 25.0° / 42.0° Efficiency: 88 % Peak intensity: 4.7 cd/lm LEDs/each optic: 1 Light colour: IR Required components:</p>		

OPTICAL RESULTS (SIMULATED):

<p>STANLEY</p> <p>LED MGN1108MS FWHM / FWTM 26.0° / 42.0° Efficiency 91 % Peak intensity 4.8 cd/lm LEDs/each optic 1 Light colour IR Required components:</p>		
<p>STANLEY</p> <p>LED MJN1107MS FWHM / FWTM 25.0° / 42.0° Efficiency 92 % LEDs/each optic 1 Light colour IR Required components:</p>		
<p>STANLEY</p> <p>LED MJN1108MS FWHM / FWTM 26.0° / 41.0° Efficiency 93 % LEDs/each optic 1 Light colour IR Required components:</p>		

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:

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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

Local sales and technical support

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