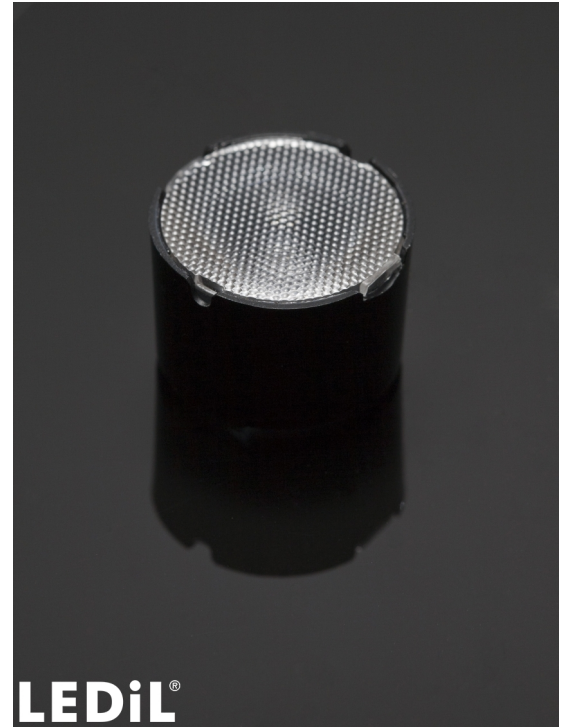## G2-LXP2-M-P

~20° medium 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-M	Single lens	PMMA	clear	
LXP2-LT-HLD	Holder	PC	black	
HEIDI-TAPE	Tape	PU tape	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:

Applies to:

CA14503
CA14505
CA14507
CA14509
CA14511

14.67

1.15

Front view

PU foam tape 0.4mm

Isometric view

0-90 beam direction

⌀21.8

8.6
c/c

⌀2

Top view

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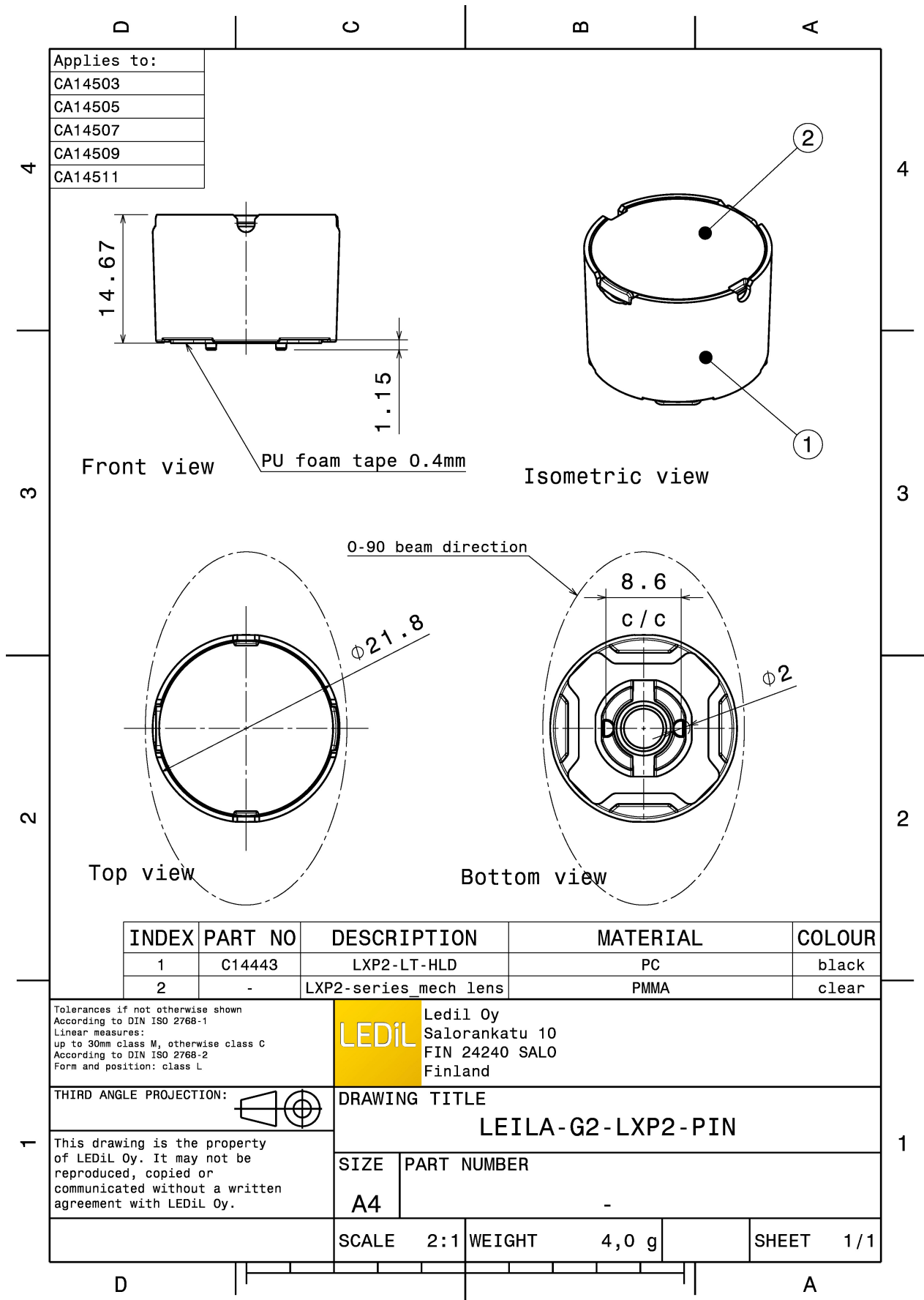
INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14443	LXP2-LT-HLD	PC	black
2	-	LXP2-series_mech lens	PMMA	clear

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

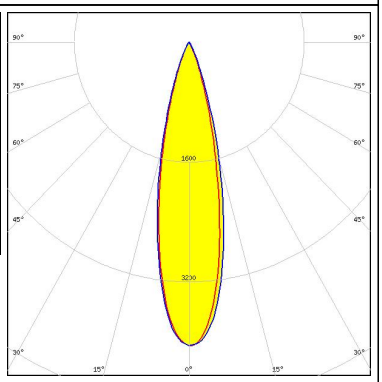THIRD ANGLE PROJECTION:
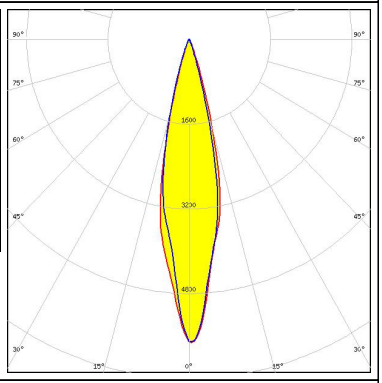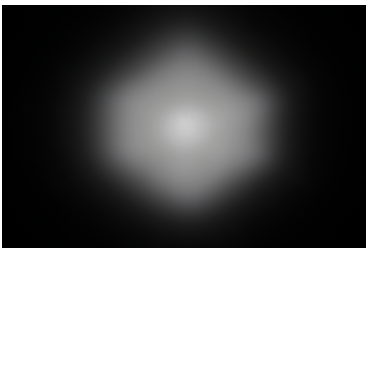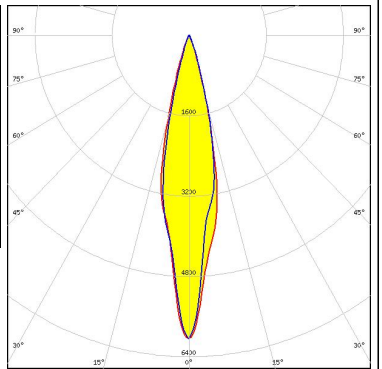
DRAWING TITLE

LEILA-G2-LXP2-PIN

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SIZE	PART NUMBER
A4	-

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

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

PHOTOMETRIC DATA (MEASURED):

CREE LED

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

PHOTOMETRIC DATA (MEASURED):

LUMILEDS

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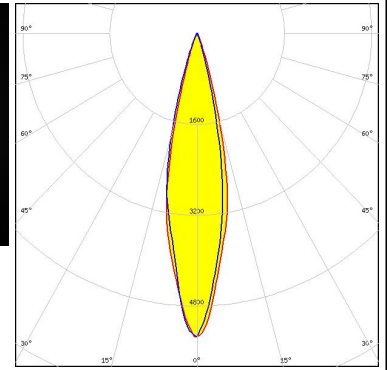
LUMILEDS

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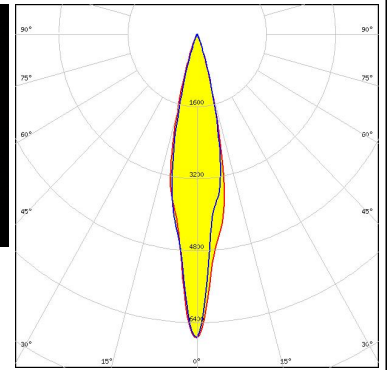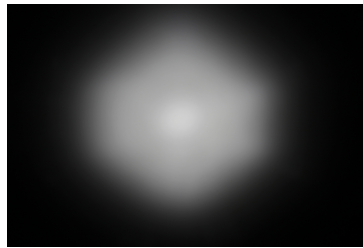
LUMILEDS

LED	LUXEON V
FWHM / FWTM	26.0° / 48.0°
Efficiency	86 %
Peak intensity	3.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
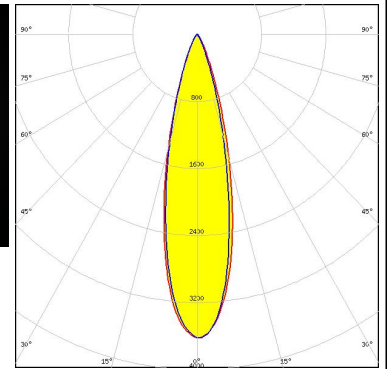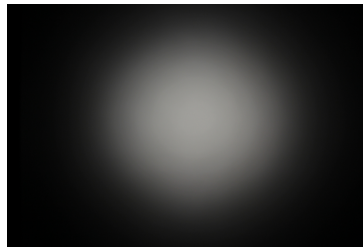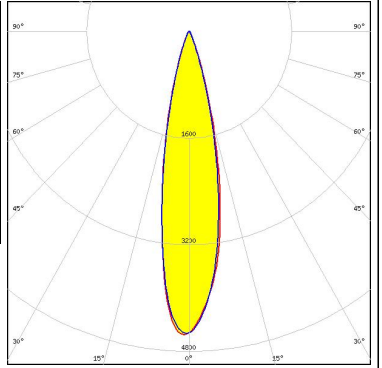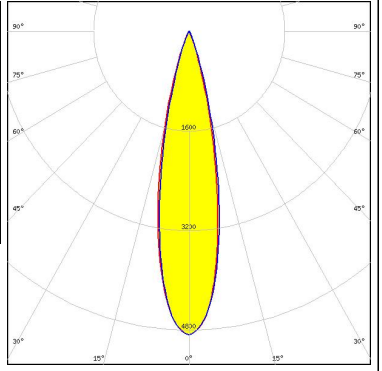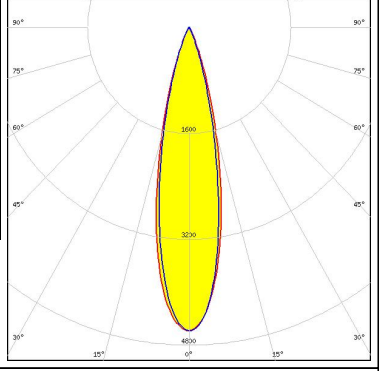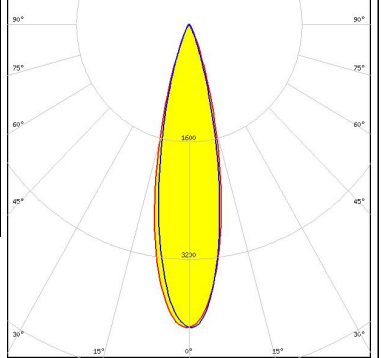
LUMILEDS
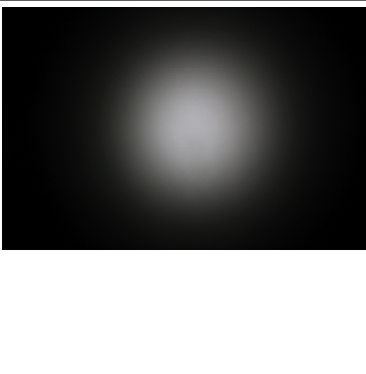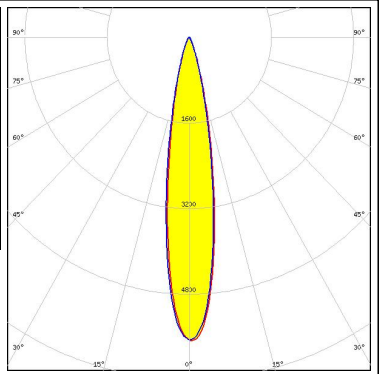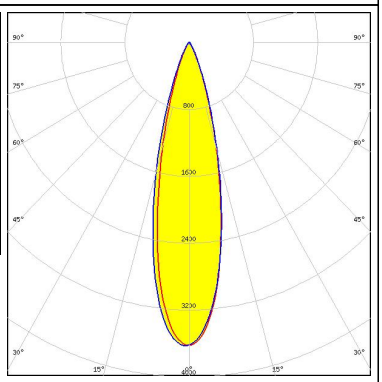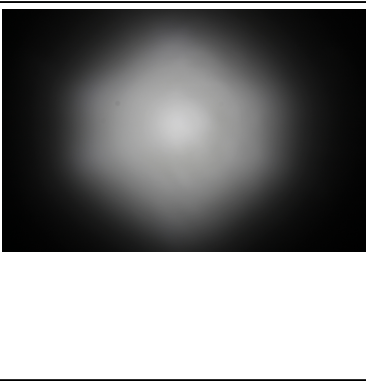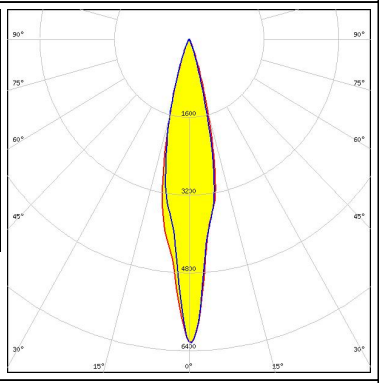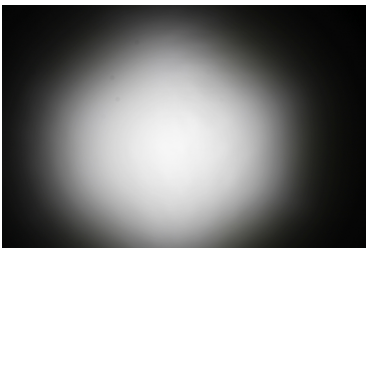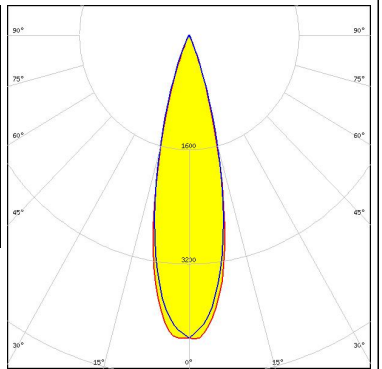
LED	LUXEON V2
FWHM / FWTM	23.0° / 41.0°
Efficiency	89 %
Peak intensity	4.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

PHOTOMETRIC DATA (MEASURED):

NICHIA

LED	NCSxx19A
FWHM / FWTM	22.0° / 40.0°
Efficiency	86 %
Peak intensity	4.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

NICHIA

LED	NVSW219F
FWHM / FWTM	23.0° / 40.0°
Efficiency	90 %
Peak intensity	4.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

NICHIA

LED	NVSW319B
FWHM / FWTM	24.0° / 43.0°
Efficiency	90 %
Peak intensity	4.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

NICHIA

LED	NVSW3x9A
FWHM / FWTM	24.0° / 44.0°
Efficiency	86 %
Peak intensity	4.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

PHOTOMETRIC DATA (MEASURED):

NICHIA

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

NICHIA

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

OSRAM
Opto Semiconductors

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

OSRAM
Opto Semiconductors

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

PHOTOMETRIC DATA (MEASURED):

SAMSUNG

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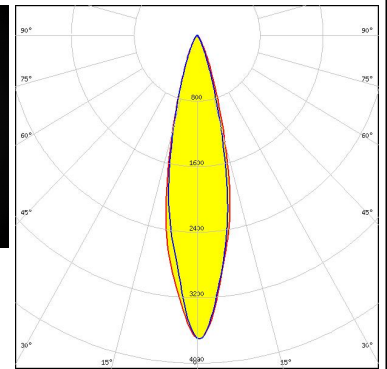
SAMSUNG

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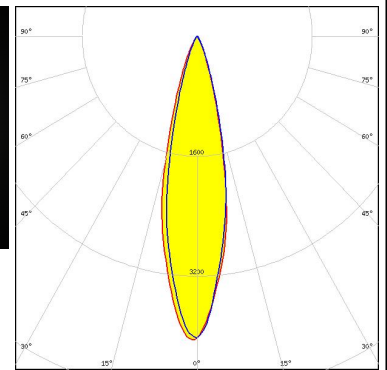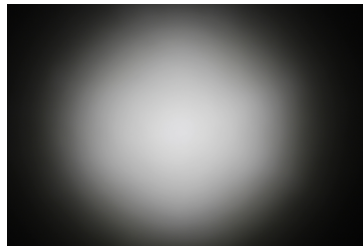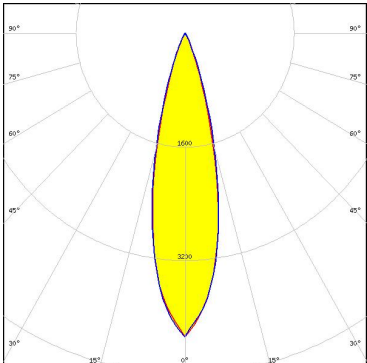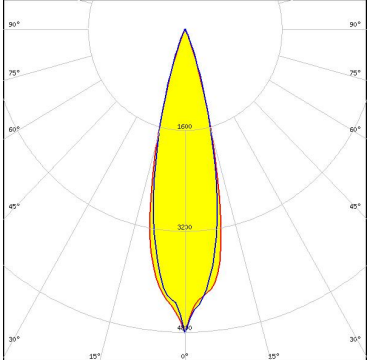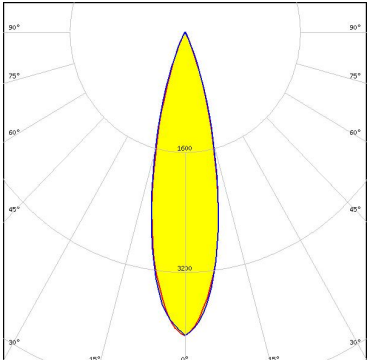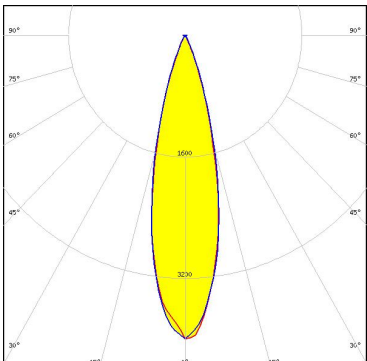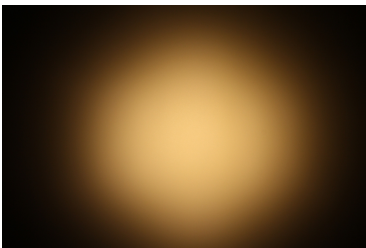
SEOUL SEMICONDUCTOR

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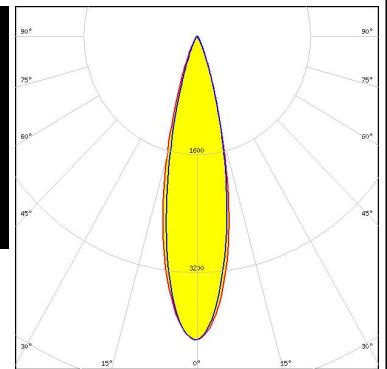
SEOUL SEMICONDUCTOR

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

PHOTOMETRIC DATA (SIMULATED):

CREE⇌LED

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:	

CREE⇌LED

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:	

CREE⇌LED

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:	

CREE⇌LED

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:	

PHOTOMETRIC DATA (SIMULATED):

CREE⇌LED

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:	

LUMILEDS
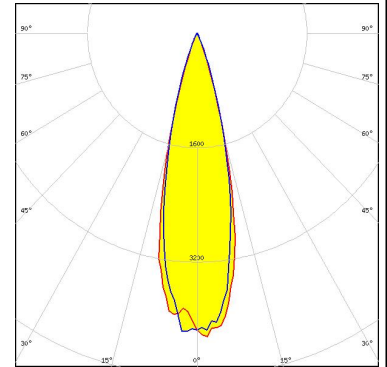
LED	LUXEON IR Compact
FWHM / FWTM	26.0° / 40.0°
Efficiency	84 %
LEDs/each optic	1
Light colour	White
Required components:	

LUMILEDS
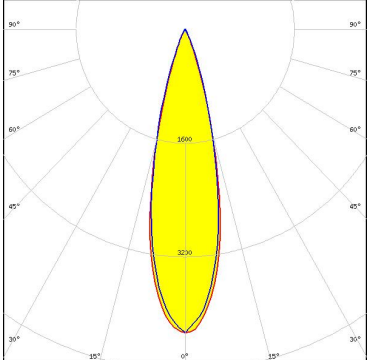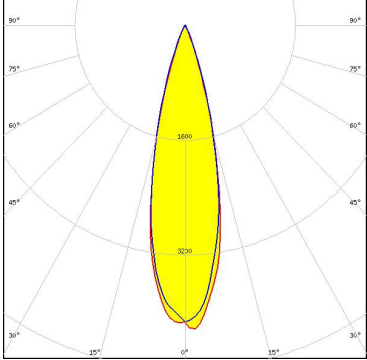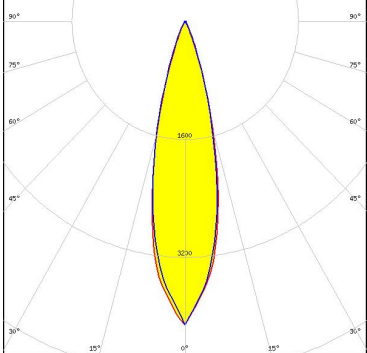
LED	LUXEON IR Domed 60
FWHM / FWTM	24.0° / 43.0°
Efficiency	88 %
LEDs/each optic	1
Light colour	IR
Required components:	

LUMILEDS
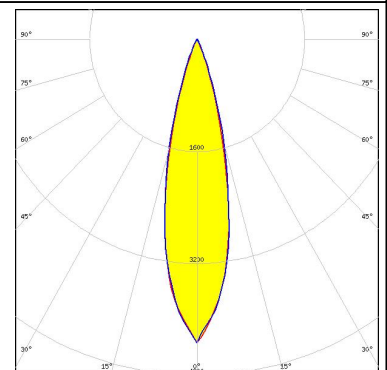
LED	LUXEON IR Domed 60
FWHM / FWTM	24.0° / 42.0°
Efficiency	88 %
LEDs/each optic	1
Light colour	White
Required components:	

PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

LED	LUXEON IR Domed 90
FWHM / FWTM	26.0° / 44.0°
Efficiency	90 %
LEDs/each optic	1
Light colour	White
Required components:	

LUMILEDS

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:	

LUMILEDS

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:	

NICHIA

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:	

PHOTOMETRIC DATA (SIMULATED):

OSRAM Opto Semiconductors

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:	

OSRAM Opto Semiconductors

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:	

OSRAM Opto Semiconductors

LED	OSLON 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:	

OSRAM Opto Semiconductors

LED	OSLON 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:	

PHOTOMETRIC DATA (SIMULATED):

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:	
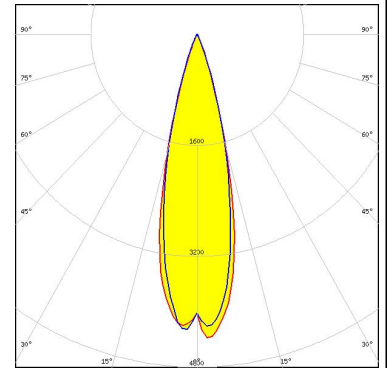
SAMSUNG

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:	
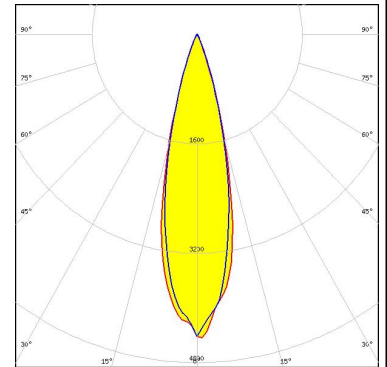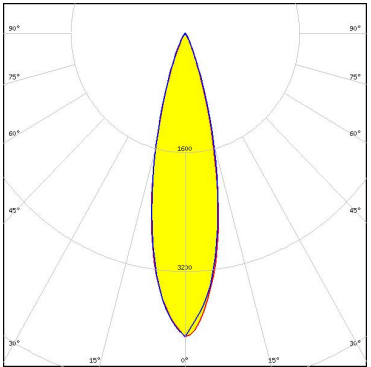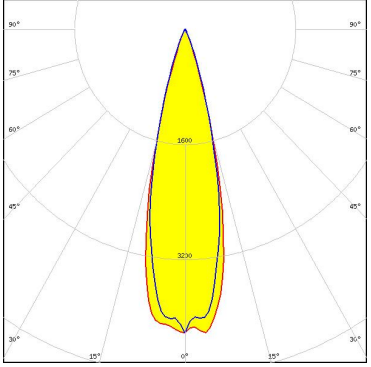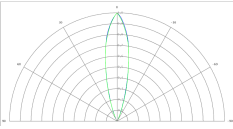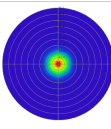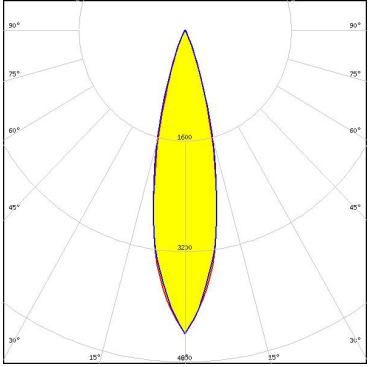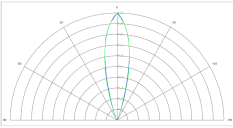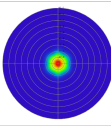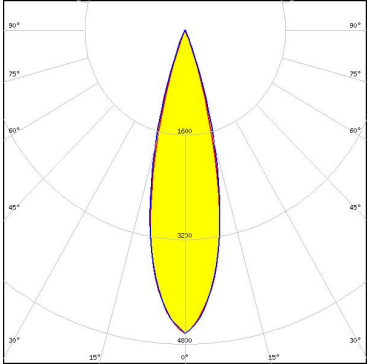
SEOUL SEMICONDUCTOR
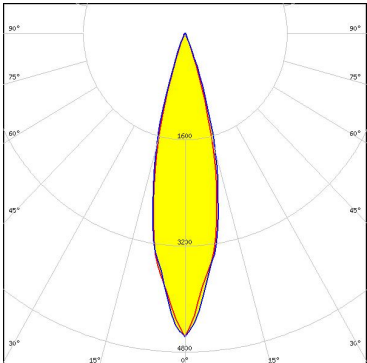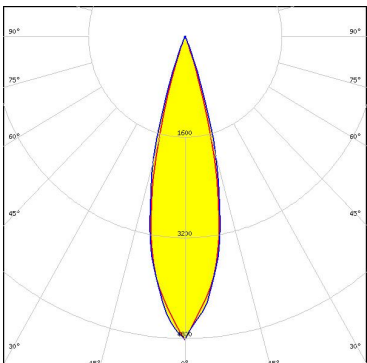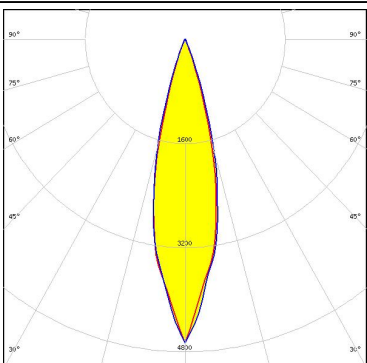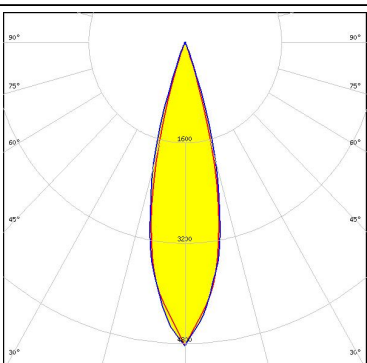
LED	Z5M1/Z5M2
FWHM / FWTM	24.0° / 40.0°
Efficiency	92 %
Peak intensity	4.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

PHOTOMETRIC DATA (SIMULATED):

SEOUL SEMICONDUCTOR

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:	

SEOUL SEMICONDUCTOR

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:	

STANLEY

LED	FWR1107MS
FWHM / FWTM	24.0° / 44.0°
Efficiency	89 %
LEDs/each optic	1
Light colour	IR
Required components:	

STANLEY

LED	FWR1108MS
FWHM / FWTM	25.0° / 41.0°
Efficiency	92 %
LEDs/each optic	1
Light colour	IR
Required components:	

PHOTOMETRIC DATA (SIMULATED):

STANLEY

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:	

STANLEY

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:	

STANLEY

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:	

STANLEY

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:	

PHOTOMETRIC DATA (SIMULATED):

STANLEY

LED	MJN1107MS
FWHM / FWTM	25.0° / 42.0°
Efficiency	92 %
LEDs/each optic	1
Light colour	IR
Required components:	

STANLEY

LED	MJN1108MS
FWHM / FWTM	26.0° / 41.0°
Efficiency	93 %
LEDs/each optic	1
Light colour	IR
Required components:	