G2-LXP2-RS2

~8.5° spot beam with light, black holder. Assembly with installation tape.

SPECIFICATION:

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

MATERIALS:

Component	Type	Material	Colour	Finish
LXP2-RS2	Single lens	PMMA		
LXP2-LT-HLD	Holder	PC	black	
HEIDI-TAPE	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA14506_G2-LXP2-RS2	Single lens	1680	336	112	8.1

» Box size: 480 x 280 x 300 mm

Applies to:
CA14504
CA14506
CA14508
CA14510
CA14512

14.67

1.15

Front view

PU foam tape 0.4mm

Isometric view

0-90 beam direction

φ21.8

Top view

Tape

Bottom view
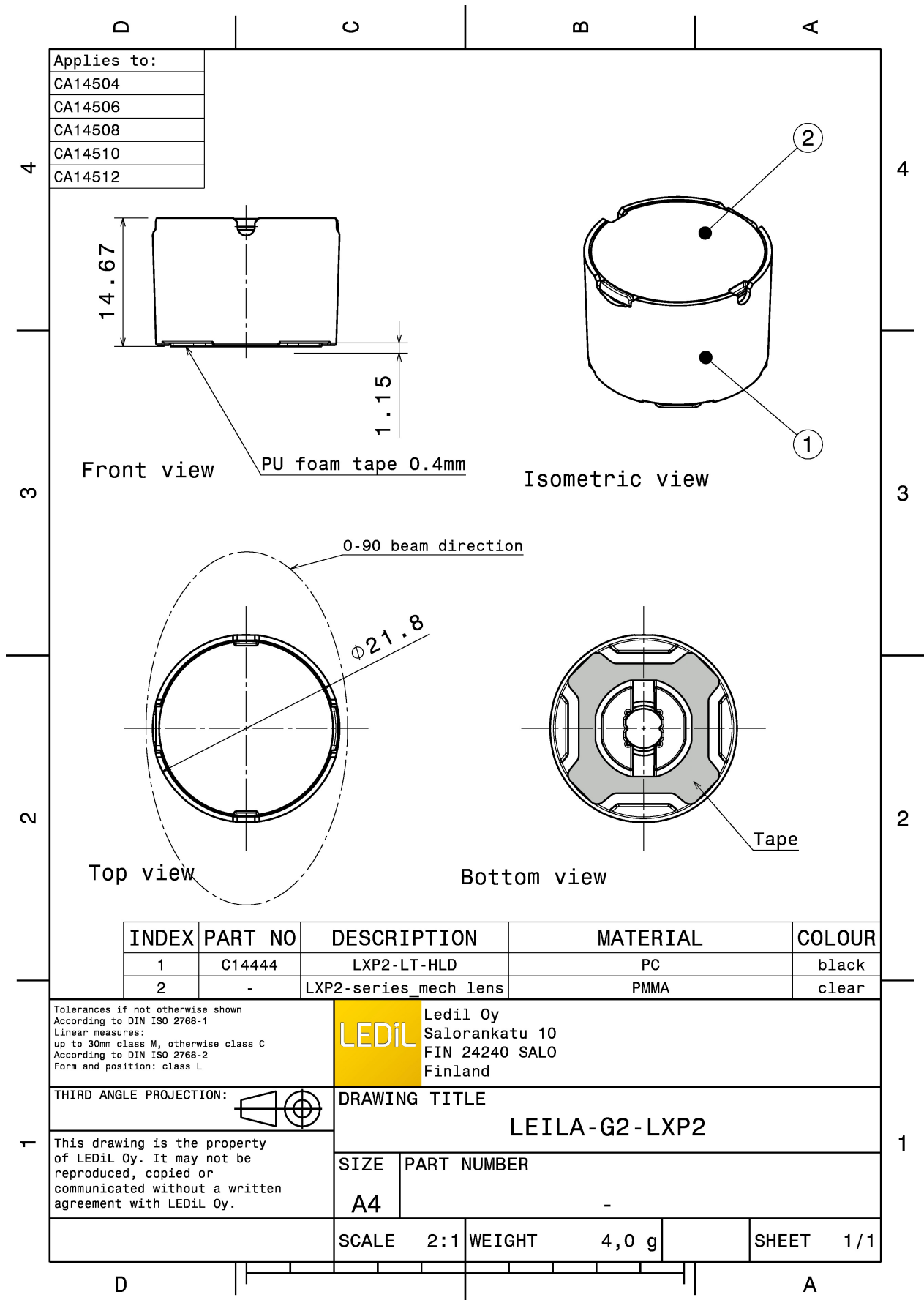
INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14444	LXP2-LT-HLD	PC	black
2	-	LXP2-series_mech lens	PMMA	clear

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 Oy
Salorankatu 10
FIN 24240 SALO
Finland
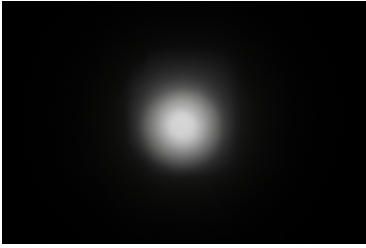
THIRD ANGLE PROJECTION:
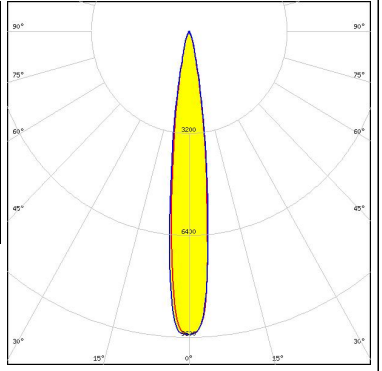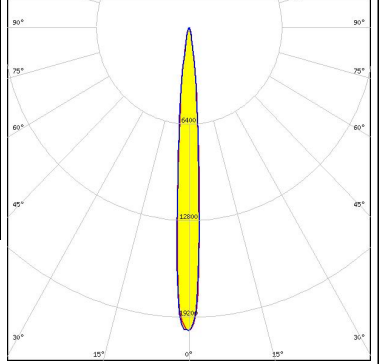
DRAWING TITLE

LEILA-G2-LXP2

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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 LEDs

LED	XP-E
FWHM / FWTM	7.0° / 15.0°
Efficiency	88 %
Peak intensity	34.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE LEDs

LED	XP-L HD
FWHM / FWTM	14.0° / 28.0°
Efficiency	88 %
Peak intensity	9.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE LEDs

LED	XP-L HI
FWHM / FWTM	8.0° / 19.0°
Efficiency	89 %
Peak intensity	20.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

OPTICAL RESULTS (SIMULATED):

CREE LEDs

LED	XP-E2
FWHM / FWTM	10.0° / 19.0°
Efficiency	94 %
Peak intensity	24.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE LEDs

LED	XP-G2
FWHM / FWTM	10.0° / 19.0°
Efficiency	93 %
Peak intensity	22.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE LEDs

LED	XP-G2 HE
FWHM / FWTM	12.0° / 26.0°
Efficiency	91 %
Peak intensity	13.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE LEDs

LED	XP-G3
FWHM / FWTM	12.0° / 25.0°
Efficiency	90 %
Peak intensity	13.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

OPTICAL RESULTS (SIMULATED):

CREE LEDs

LED	XT-E
FWHM / FWTM	9.5° / 21.0°
Efficiency	92 %
Peak intensity	19.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

LUMILEDS
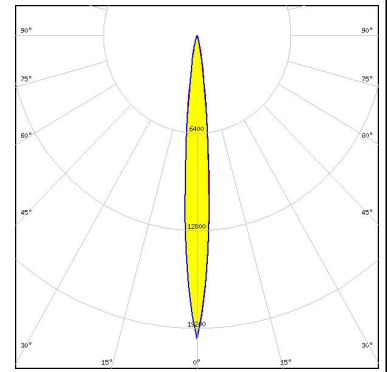
LED	LUXEON CZ
FWHM / FWTM	6.0° / 14.0°
Efficiency	92 %
Peak intensity	52 cd/lm
LEDs/each optic	1
Light colour	Red
Required components:	

NICHIA
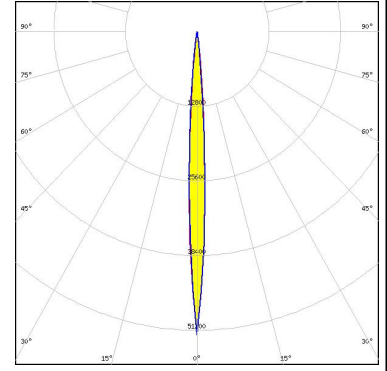
LED	NVSxE21A
FWHM / FWTM	8.0° / 20.0°
Efficiency	90 %
Peak intensity	19.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

NICHIA
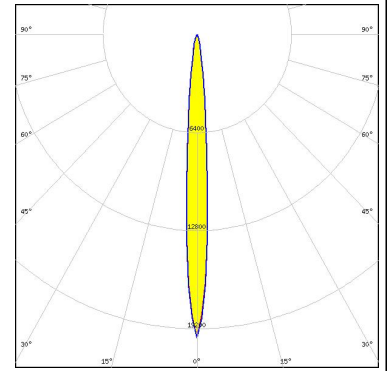
LED	NVSxx19B/NVSxx19C
FWHM / FWTM	11.0° / 23.0°
Efficiency	88 %
Peak intensity	15 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
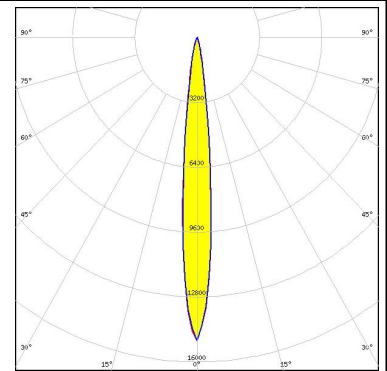
OPTICAL RESULTS (SIMULATED):

OSRAM Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	10.0° / 20.0°
Efficiency	93 %
Peak intensity	21.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
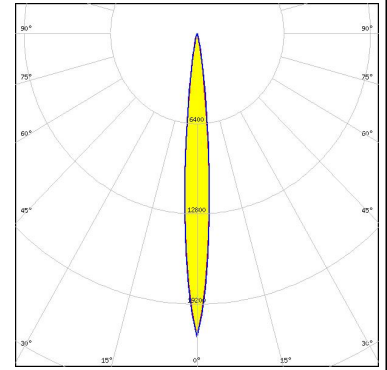
OSRAM Opto Semiconductors

LED	SFH 4170S
FWHM / FWTM	6.0° / 12.0°
Efficiency	79 %
LEDs/each optic	1
Light colour	IR
Required components:	
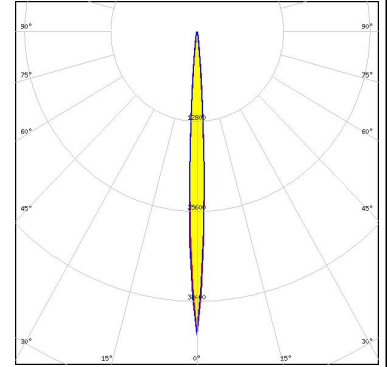
SAMSUNG

LED	LH351A
FWHM / FWTM	9.0° / 20.0°
Efficiency	91 %
Peak intensity	21.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
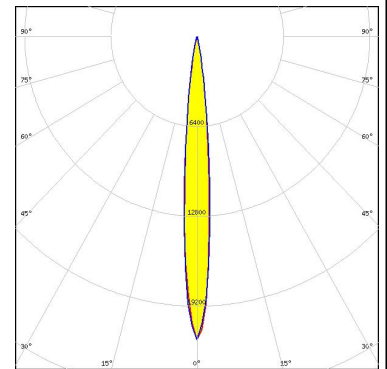
SAMSUNG

LED	LH351B
FWHM / FWTM	10.0° / 23.0°
Efficiency	91 %
Peak intensity	17.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

OPTICAL RESULTS (SIMULATED):

SEOUL SEMICONDUCTOR

LED	Z5M1/Z5M2
FWHM / FWTM	10.0° / 20.0°
Efficiency	93 %
Peak intensity	20.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

SEOUL SEMICONDUCTOR

LED	Z5P
FWHM / FWTM	8.0° / 17.0°
Efficiency	92 %
Peak intensity	26.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	