LEILA-Y-M

~25° medium beam. 14.8 mm high assembly with holder, installation tape and pins.

SPECIFICATION:

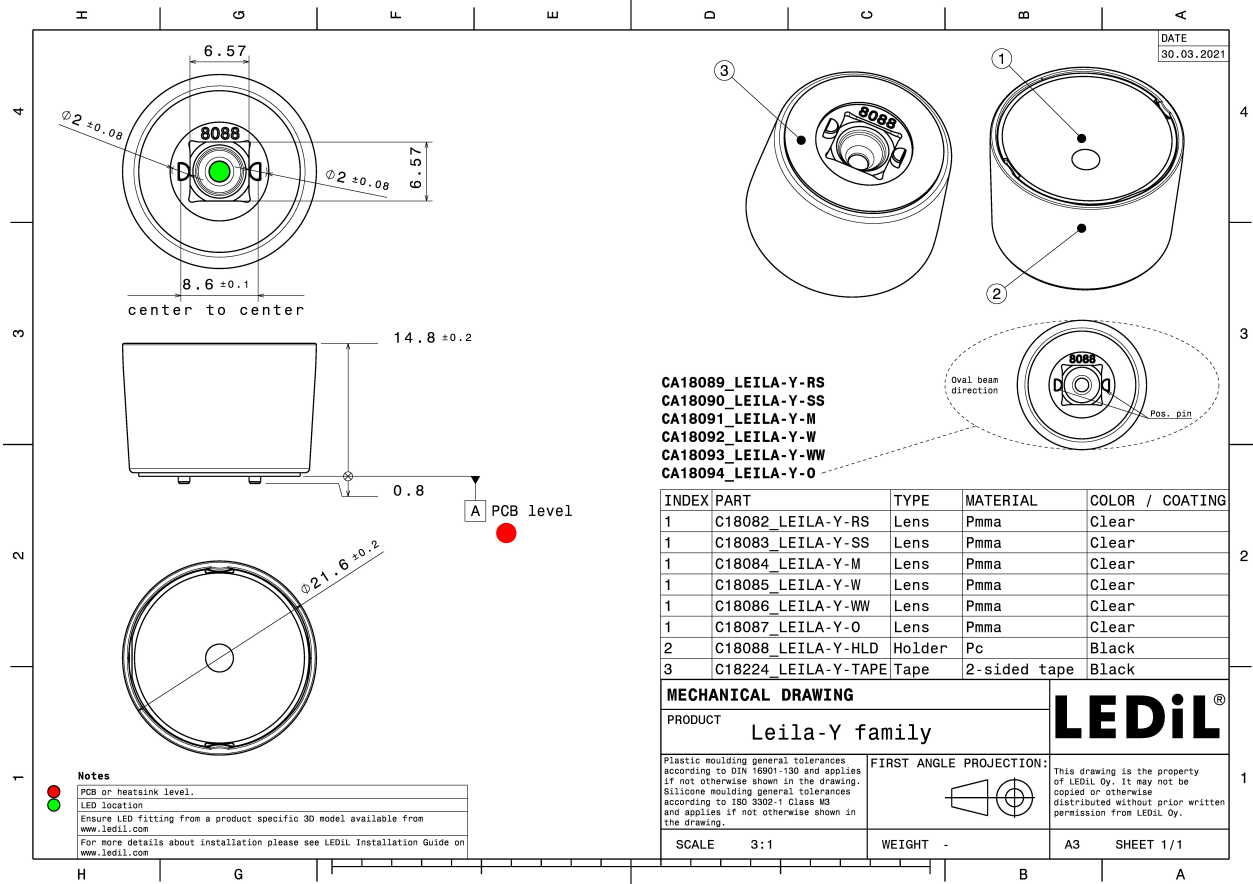|	
Dimensions	Ø 21.6 mm
Height	14.8 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

MATERIALS:

Component	Type	Material	Colour	Finish
LEILA-Y-M	Single lens	PMMA	clear	
LEILA-Y-HLD	Holder	PC	black	gloss
LEILA-Y-TAPE	Tape	Acrylic foam		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA18091_LEILA-Y-M	1800	180	180	6.7

» Box size: 476 x 273 x 197 mm

6.57

6.57

⌀2 ±0.08

⌀2 ±0.08

8088

8.6 ±0.1

center to center

14.8 ±0.2

0.8

A PCB level

⌀21.6 ±0.2

DATE
30.03.2021

① ② ③

8088

Oval beam direction

Pos. pin

CA18089_LEILA-Y-RS
CA18090_LEILA-Y-SS
CA18091_LEILA-Y-M
CA18092_LEILA-Y-W
CA18093_LEILA-Y-WW
CA18094_LEILA-Y-O

INDEX	PART	TYPE	MATERIAL	COLOR / COATING
1	C18082_LEILA-Y-RS	Lens	Pmma	Clear
1	C18083_LEILA-Y-SS	Lens	Pmma	Clear
1	C18084_LEILA-Y-M	Lens	Pmma	Clear
1	C18085_LEILA-Y-W	Lens	Pmma	Clear
1	C18086_LEILA-Y-WW	Lens	Pmma	Clear
1	C18087_LEILA-Y-O	Lens	Pmma	Clear
2	C18088_LEILA-Y-HLD	Holder	Pc	Black
3	C18224_LEILA-Y-TAPE	Tape	2-sided tape	Black

MECHANICAL DRAWING

PRODUCT
Leila-Y family

Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.

FIRST ANGLE PROJECTION:

This drawing is the property of LEDiL Oy. It may not be copied or otherwise distributed without prior written permission from LEDiL Oy.

| SCALE | 3:1 | WEIGHT | - | A3 | SHEET 1/1 |

Notes

| ● | PCB or heatsink level. |
●	LED location
	Ensure LED fitting from a product specific 3D model available from www.ledil.com
	For more details about installation please see LEDiL Installation Guide on www.ledil.com

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

OPTICAL RESULTS (MEASURED):

CREE LEDs

LED	XHP35 HI
FWHM / FWTM	22.0° / 37.0°
Efficiency	83 %
Peak intensity	5.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE LEDs
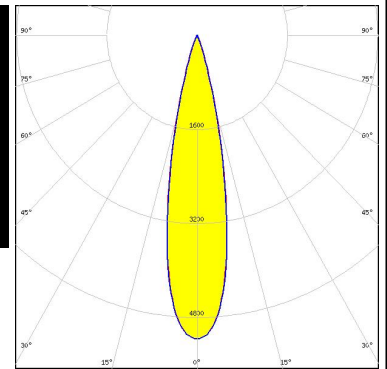
LED	XP-G3
FWHM / FWTM	23.0° / 39.0°
Efficiency	78 %
Peak intensity	4.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE LEDs
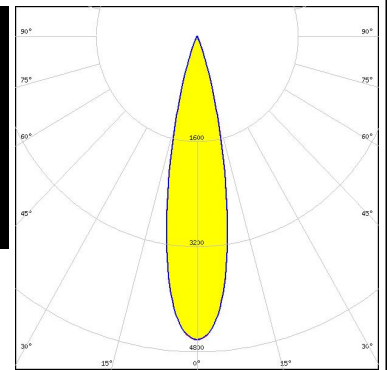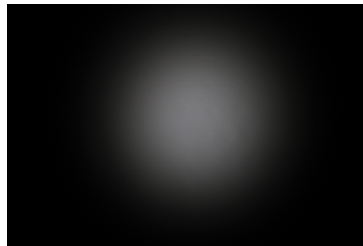
LED	XP-G4
FWHM / FWTM	21.0° / 36.0°
Efficiency	85 %
Peak intensity	5.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

LUMILEDS
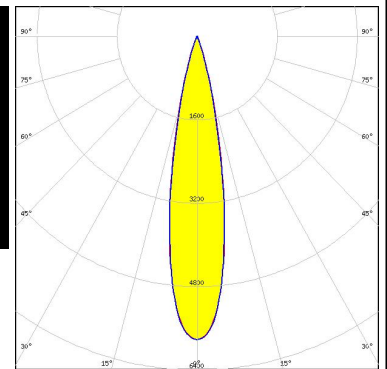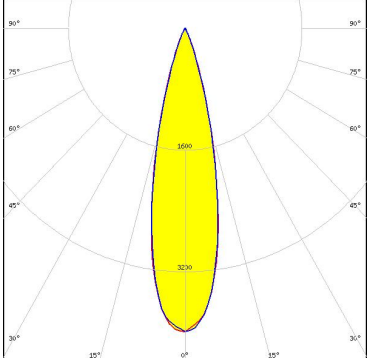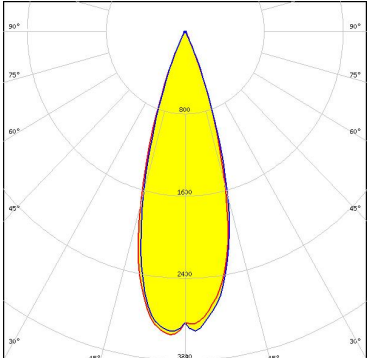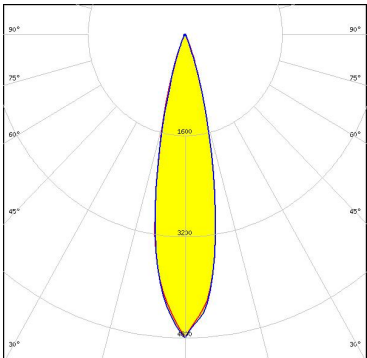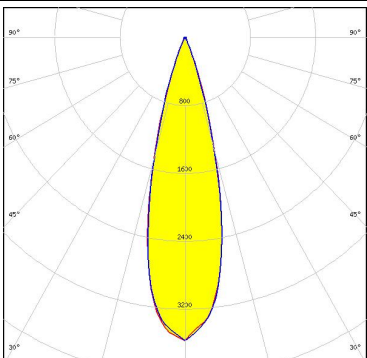
LED	LUXEON 5050 Round LES
FWHM / FWTM	28.0° / 48.0°
Efficiency	77 %
Peak intensity	2.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

OPTICAL RESULTS (MEASURED):

NICHIA

LED	NVSW719AC
FWHM / FWTM	21.0° / 35.0°
Efficiency	85 %
Peak intensity	6.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
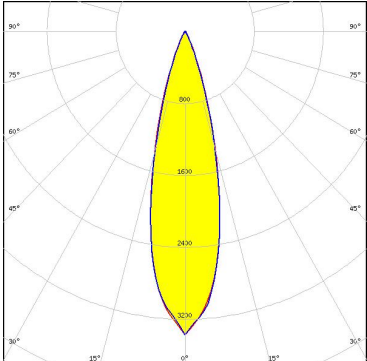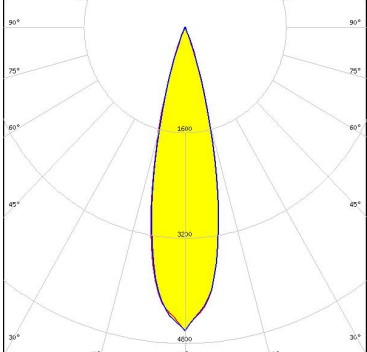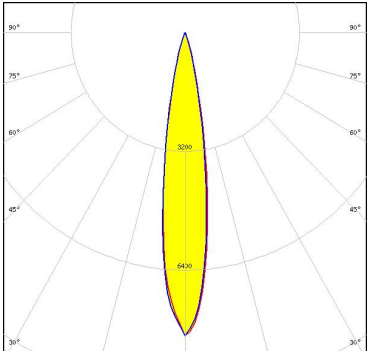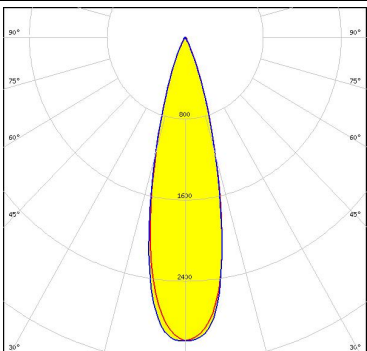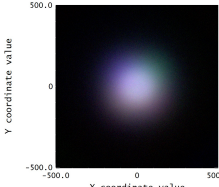
OPTICAL RESULTS (SIMULATED):

CREE LEDs

LED	XHP35.2 HI
FWHM / FWTM	25.0° / 42.0°
Efficiency	83 %
Peak intensity	4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE LEDs

LED	XM-L RGBW (XMLDCL HD)
FWHM / FWTM	32.0° / 48.0°
Efficiency	89 %
Peak intensity	3 cd/lm
LEDs/each optic	1
Light colour	RGBW
Required components:	

CREE LEDs

LED	XM-L RGBW (XMLDCL HI)
FWHM / FWTM	23.0° / 40.0°
Efficiency	87 %
Peak intensity	4.8 cd/lm
LEDs/each optic	1
Light colour	RGBW
Required components:	

CREE LEDs

LED	XM-L3
FWHM / FWTM	28.0° / 44.0°
Efficiency	83 %
Peak intensity	3.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

OPTICAL RESULTS (SIMULATED):

LUMILEDS

LED	LUXEON 5050 Square LES
FWHM / FWTM	26.0° / 46.0°
Efficiency	80 %
Peak intensity	3.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

LUMILEDS

LED	LUXEON HL2X
FWHM / FWTM	25.0° / 40.0°
Efficiency	88 %
Peak intensity	4.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

LUMILEDS

LED	LUXEON Z ES
FWHM / FWTM	17.0° / 32.0°
Efficiency	87 %
Peak intensity	8.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

NICHIA

LED	NCSxE17A
FWHM / FWTM	27.0° / 46.0°
Efficiency	73 %
Peak intensity	3 cd/lm
LEDs/each optic	4
Light colour	RGB
Required components:	

OPTICAL RESULTS (SIMULATED):

NICHIA

LED	NV4x144A
FWHM / FWTM	32.0° / 52.0°
Efficiency	78 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

NICHIA

LED	NVSxE21A
FWHM / FWTM	17.0° / 34.0°
Efficiency	82 %
Peak intensity	7.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

OSRAM
Opto Semiconductors

LED	OSCONIQ P 3737 (3W version)
FWHM / FWTM	24.0° / 41.0°
Efficiency	85 %
Peak intensity	4.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

OSRAM
Opto Semiconductors

LED	OSLON PURE 1010
FWHM / FWTM	20.0° / 38.0°
Efficiency	79 %
Peak intensity	5.2 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED	OSLON SSL 150
FWHM / FWTM	20.0° / 34.0°
Efficiency	88 %
LEDs/each optic	1
Light colour	White
Required components:	
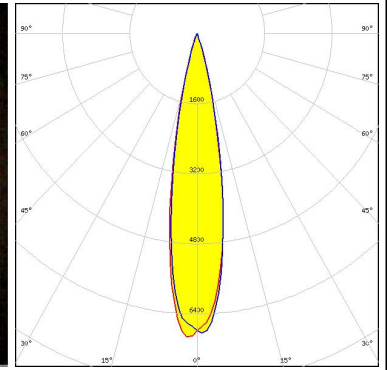
OSRAM
Opto Semiconductors

LED	OSTAR Stage (S2WM)
FWHM / FWTM	22.0° / 37.0°
Efficiency	86 %
Peak intensity	5.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
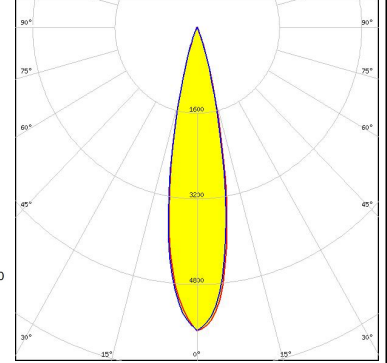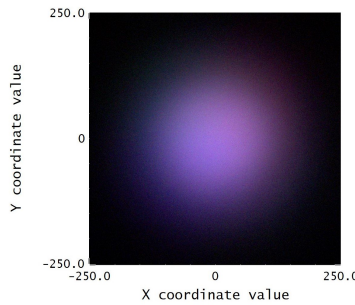
SAMSUNG

LED	LH351B
FWHM / FWTM	24.0° / 40.0°
Efficiency	87 %
Peak intensity	4.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
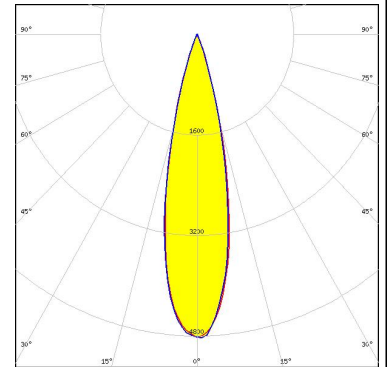
SEOUL SEMICONDUCTOR

LED	Z5M4
FWHM / FWTM	21.0° / 38.0°
Efficiency	85 %
Peak intensity	5.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	