LEILA-Y-O

~45° + 15° oval beam. 14.8 mm high assembly with holder, installation tape and pins.

SPECIFICATION:

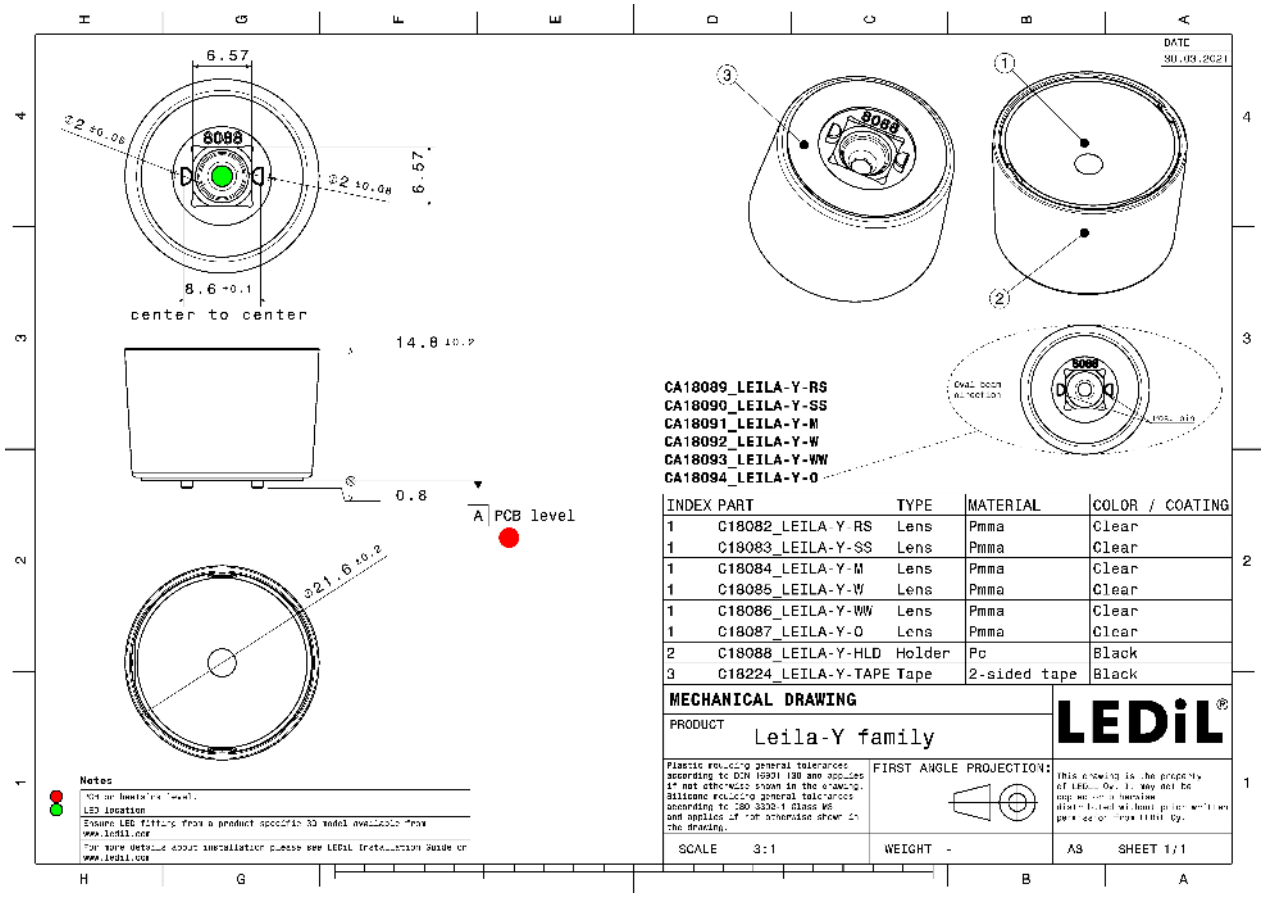
Dimensions	Ø 21.6 mm
Height	14.8 mm
Fastening	tape, pin
ROHS compliant	yes

MATERIALS:

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

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA18094_LEILA-Y-O » Box size: 476 x 273 x 197 mm	1800	180	180	7.6



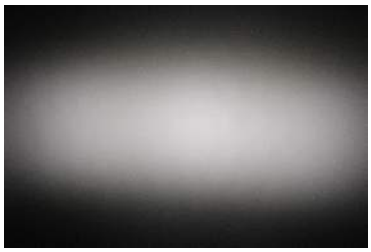
INDEX	PART	TYPE	MATERIAL	COLOR / COATING
1	C18082_LEILA-Y-RS	Lens	Pmma	Clear
1	C18083_LEILA-Y-SS	Lens	Pmma	Clear
1	C18084_LEILA-Y-M	Lens	Pmma	Clear
1	C18085_LEILA-Y-W	Lens	Pmma	Clear
1	C18086_LEILA-Y-WW	Lens	Pmma	Clear
1	C18087_LEILA-Y-O	Lens	Pmma	Clear
2	C18088_LEILA-Y-HLD	Holder	Pc	Black
3	C18224_LEILA-Y-TAPE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

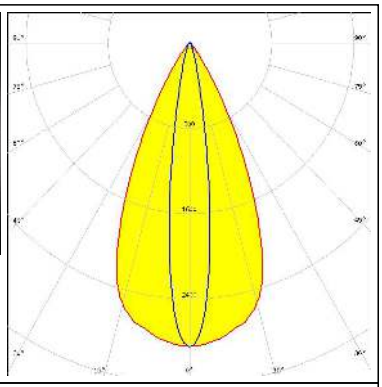
See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

CREE LED

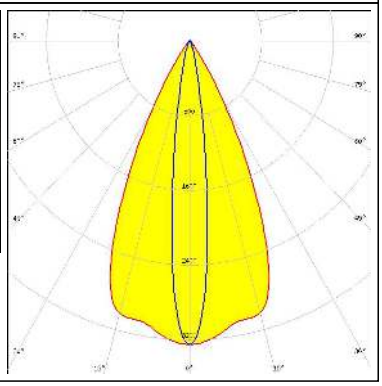
LED	XHP35 HI
FWHM / FWTM	49.0 + 16.0° / 70.0 + 31.0°
Efficiency	80 %
Peak intensity	2.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





NICHIA

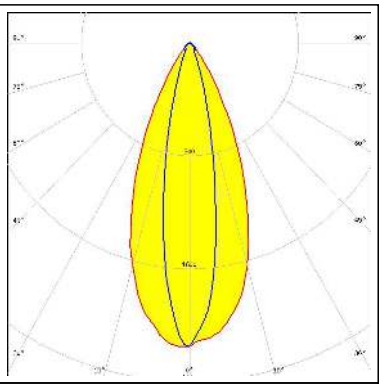
LED	NVSW719AC
FWHM / FWTM	50.0 + 14.0° / 68.0 + 28.0°
Efficiency	81 %
Peak intensity	3.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OPTICAL RESULTS (SIMULATED):

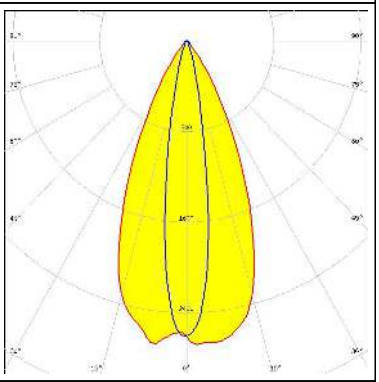
CREE LED

LED	J Series 5050 Round LES
FWHM / FWTM	20.0 + 44.0°
Efficiency	78 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



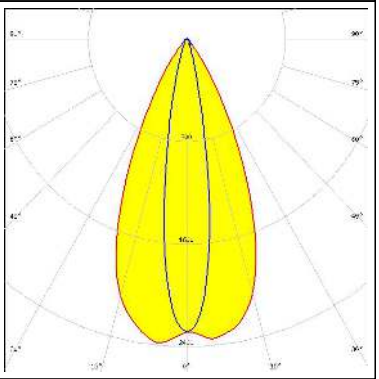
CREE LED

LED	XM-L2
FWHM / FWTM	17.0 + 47.0°
Efficiency	81 %
Peak intensity	2.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



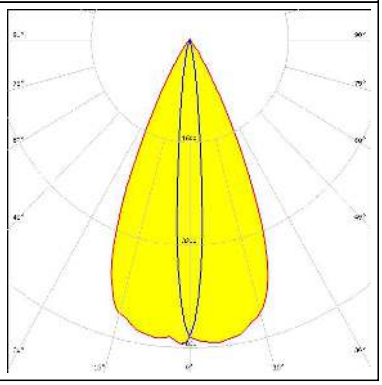
CREE LED

LED	XM-L3
FWHM / FWTM	17.0 + 48.0°
Efficiency	76 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE LED

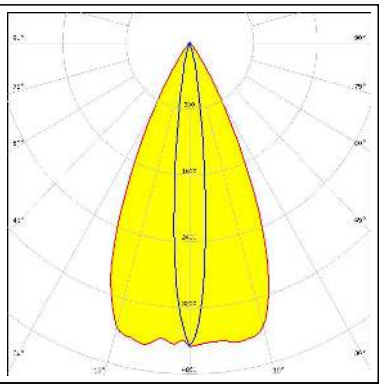
LED	XP-E2
FWHM / FWTM	10.0 + 49.0°
Efficiency	85 %
Peak intensity	4.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OPTICAL RESULTS (SIMULATED):

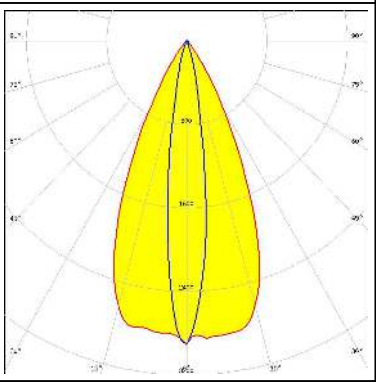
CREE LED

LED	XP-G2
FWHM / FWTM	13.0 + 49.0°
Efficiency	84 %
Peak intensity	3.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



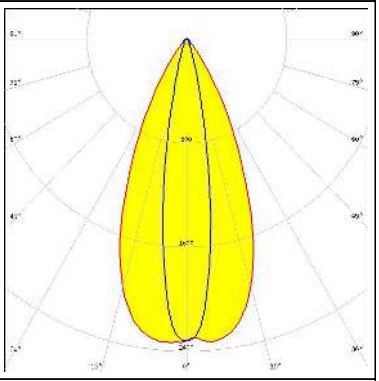
CREE LED

LED	XP-G3
FWHM / FWTM	15.0 + 48.0°
Efficiency	80 %
Peak intensity	2.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



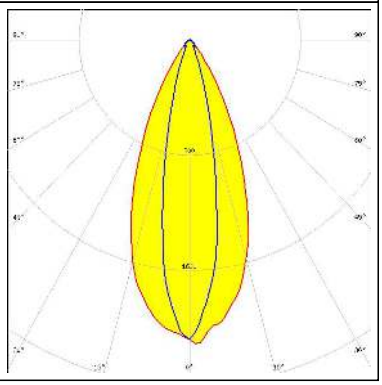
CREE LED

LED	XP-L2
FWHM / FWTM	18.0 + 47.0°
Efficiency	77 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

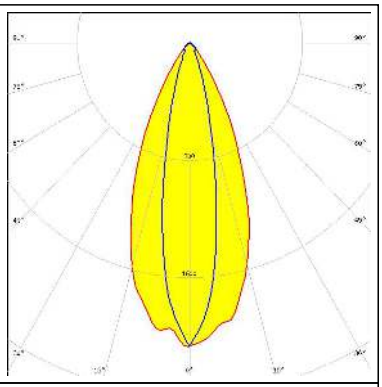
LED	LUXEON 5050 Round LES
FWHM / FWTM	21.0 + 44.0°
Efficiency	78 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OPTICAL RESULTS (SIMULATED):

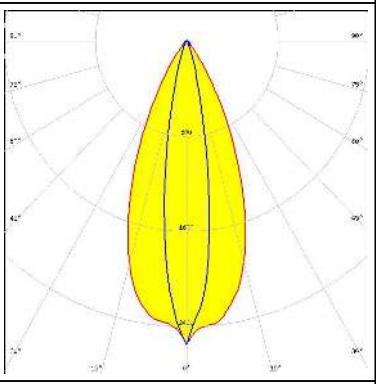
LUMILEDS

LED	LUXEON 5050 Square LES
FWHM / FWTM	21.0 + 44.0°
Efficiency	78 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



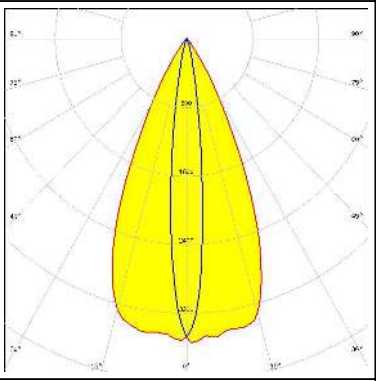
LUMILEDS

LED	LUXEON MZ
FWHM / FWTM	17.0 + 43.0°
Efficiency	78 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



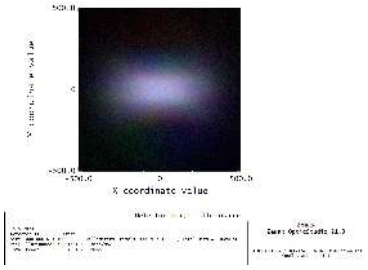
LUMILEDS

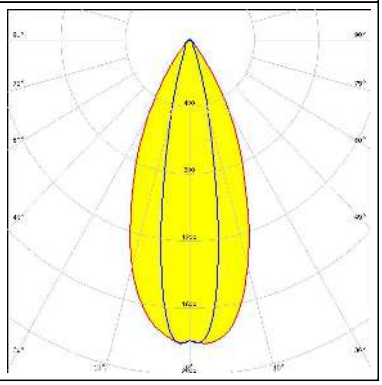
LED	LUXEON TX
FWHM / FWTM	13.0 + 48.0°
Efficiency	82 %
Peak intensity	3.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

LED	NCSxE17A
FWHM / FWTM	45.0 + 21.0° / 74.0 + 40.0°
Efficiency	70 %
Peak intensity	1.8 cd/lm
LEDs/each optic	4
Light colour	RGBW
Required components:	

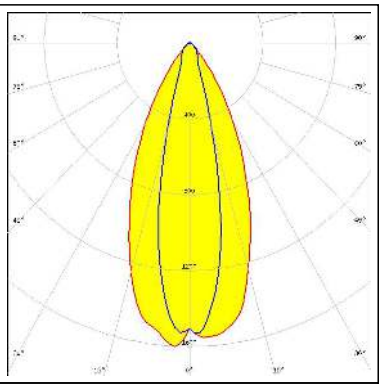




OPTICAL RESULTS (SIMULATED):

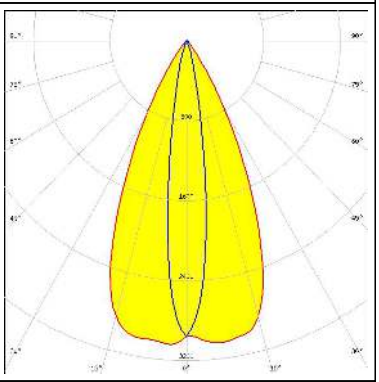
NICHIA

LED	NV4x144A
FWHM / FWTM	46.0 + 24.0° / 78.0 + 42.0°
Efficiency	69 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



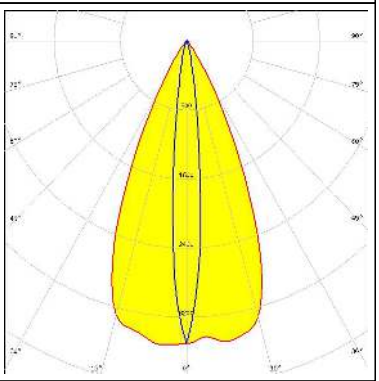
NICHIA

LED	NVSW219F
FWHM / FWTM	15.0 + 50.0°
Efficiency	83 %
Peak intensity	3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



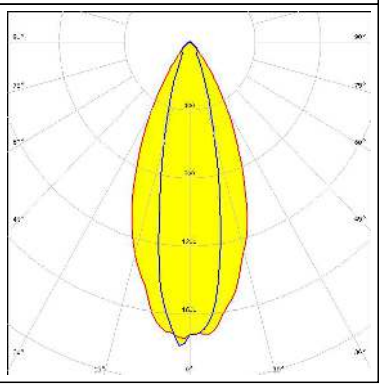
NICHIA

LED	NVSxE21A
FWHM / FWTM	48.0 + 11.0° / 66.0 + 24.0°
Efficiency	77 %
Peak intensity	3.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OSRAM
Opto Semiconductors

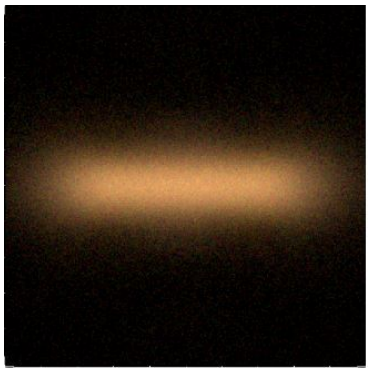
LED	Duris S8
FWHM / FWTM	24.0 + 44.0°
Efficiency	77 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

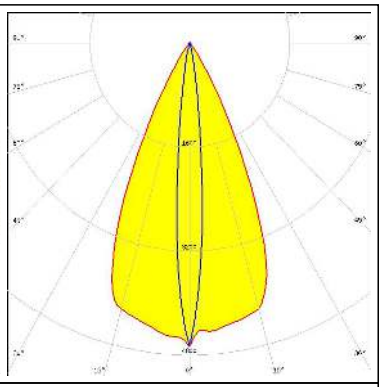


OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

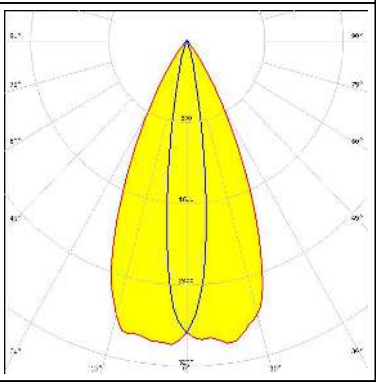
LED	OSLON SSL 150
FWHM / FWTM	10.0 + 49.0°
Efficiency	84 %
Peak intensity	4.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





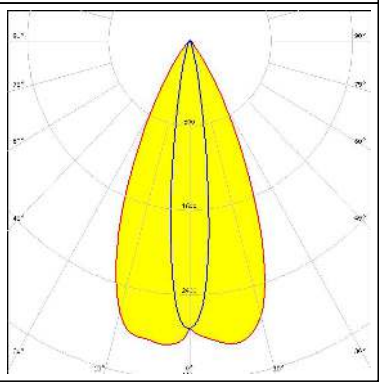
SAMSUNG

LED	LH351B
FWHM / FWTM	15.0 + 49.0°
Efficiency	81 %
Peak intensity	3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SEOUL SEMICONDUCTOR

LED	Z5M4
FWHM / FWTM	48.0 + 16.0° / 72.0 + 30.0°
Efficiency	81 %
Peak intensity	2.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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