

JULIA-A

~90° + 160° wide beam. Assembly with installation tape.

SPECIFICATION:

Dimensions	Ø 18.8
Height	4.8 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

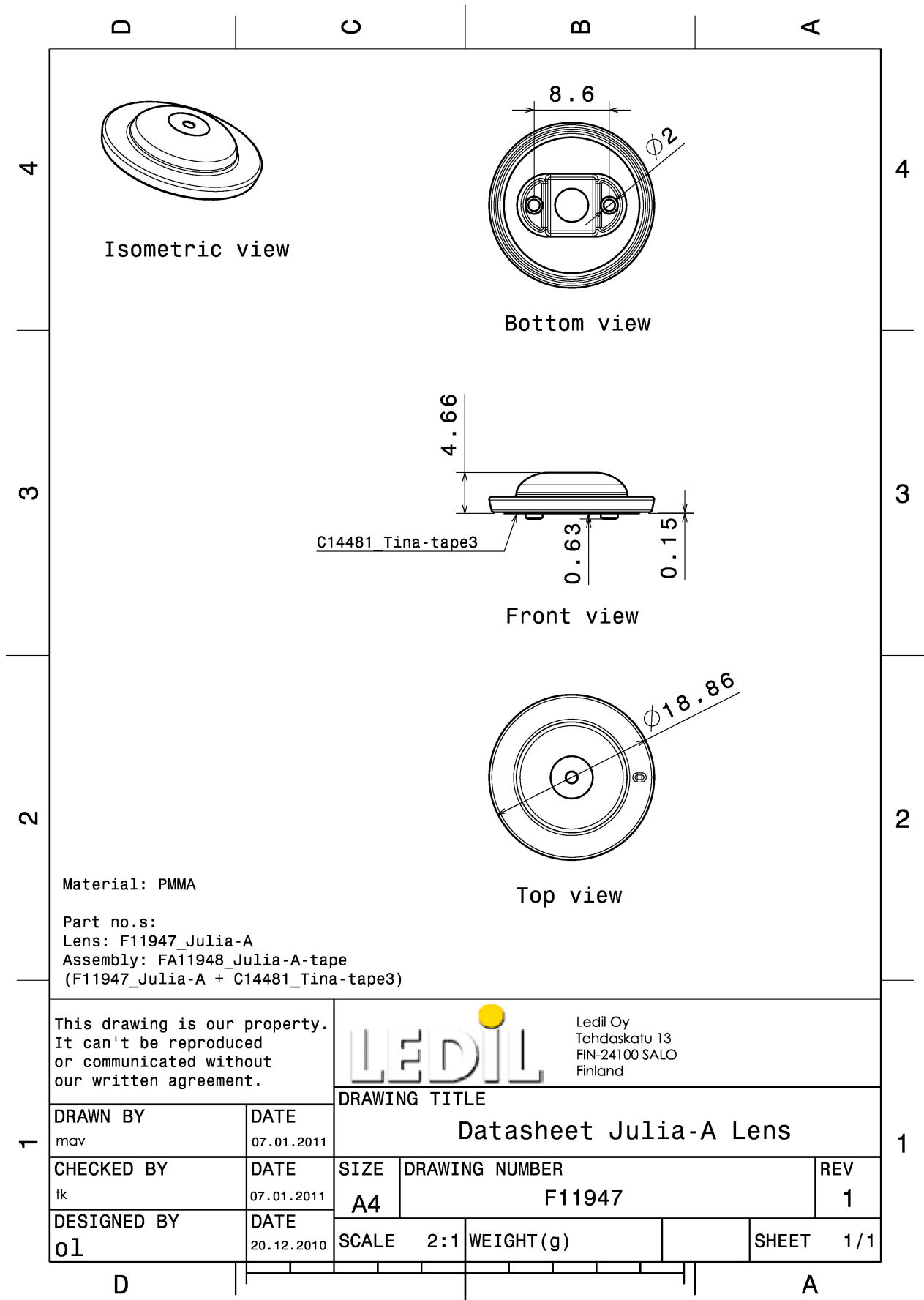


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
JULIA-A	Single lens	PMMA	clear		
TINA-TAPE3	Tape	Acryl tape	black		

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA11948_JULIA-A	Single lens	2850	300	150	3.7
» Box size:					



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

OPTICAL RESULTS (MEASURED):



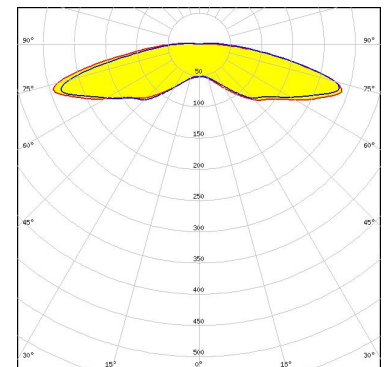
LED XP-E
FWHM / FWTM 164.0°
Efficiency 90 %
Peak intensity 0.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



LED XP-G
FWHM / FWTM 166.0°
Efficiency 90 %
Peak intensity 0.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



LED XP-G3
FWHM / FWTM 166.0° / 187.0°
Efficiency 85 %
Peak intensity 0.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OPTICAL RESULTS (MEASURED):

LUMILEDS

LED	LUXEON Rebel
FWHM / FWTM	154.0°
Efficiency	90 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

LUMILEDS

LED	LUXEON Rebel ES
FWHM / FWTM	163.0°
Efficiency	90 %
Peak intensity	0.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

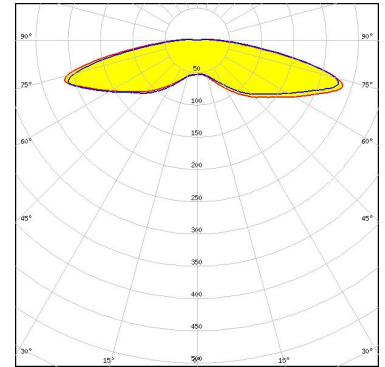
NICHIA

LED	NCSxx19A
FWHM / FWTM	156.0°
Efficiency	90 %
Peak intensity	0.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

OPTICAL RESULTS (MEASURED):



LED NVSW219F
FWHM / FWTM 166.0° / 186.0°
Efficiency 82 %
Peak intensity 0.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



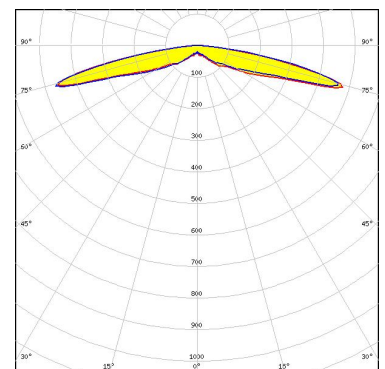
Light distribution files



LED NVSxx19A
FWHM / FWTM 159.0°
Efficiency 90 %
Peak intensity 0.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



LED OSLOM SSL 150
FWHM / FWTM 159.0°
Efficiency 90 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

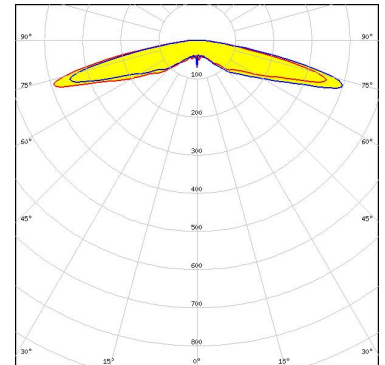
OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

LED OSLON SSL 80
FWHM / FWTM 158.0°
Efficiency 90 %
Peak intensity 0.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

SEOL
SEOUL SEMICONDUCTOR

LED Z5
FWHM / FWTM 160.0°
Efficiency 86 %
Peak intensity 0.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

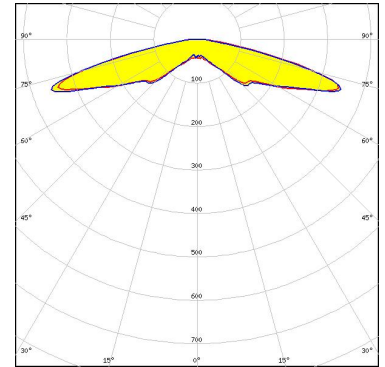


Light distribution files

OPTICAL RESULTS (SIMULATED):



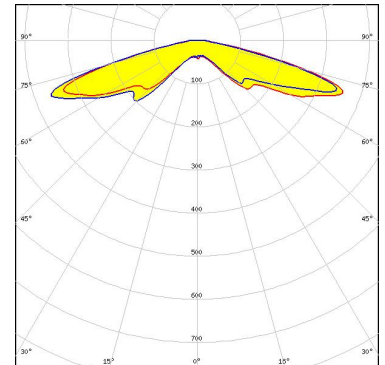
LED J Series 2835
FWHM / FWTM 155.0° / 169.0°
Efficiency 93 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



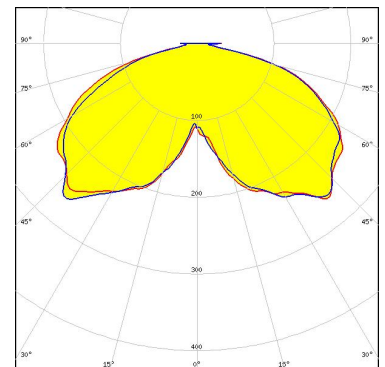
LED J Series 3030
FWHM / FWTM 153.0° / 166.0°
Efficiency 93 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XE-G
FWHM / FWTM 141.0° / 169.0°
Efficiency 97 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

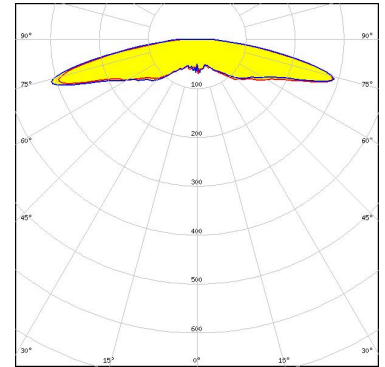


Light distribution files

OPTICAL RESULTS (SIMULATED):



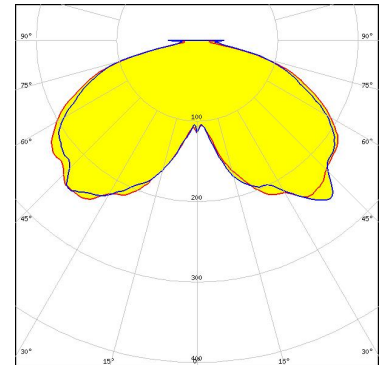
LED XP-G2 HE
FWHM / FWTM 162.0° / 180.0°
Efficiency 89 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



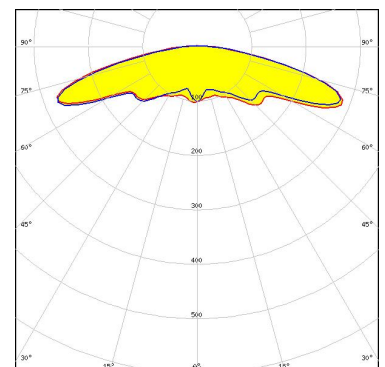
LED LUXEON IR Compact
FWHM / FWTM 141.0° / 167.0°
Efficiency 97 %
LEDs/each optic 1
Light colour/type IR
Required components:



Light distribution files



LED LH351C
FWHM / FWTM 158.0° / 176.0°
Efficiency 95 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

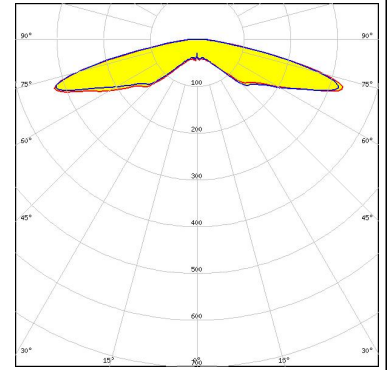


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED	LM301B
FWHM / FWTM	156.0° / 172.0°
Efficiency	90 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

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.

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