JULIA-A

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

TECHNICAL SPECIFICATIONS:

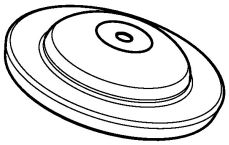
Dimensions	Ø 18.8 mm
Height	4.8 mm
Fastening	tape, pin
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

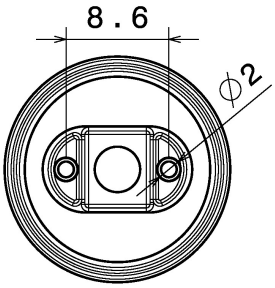
Component	Type	Material	Colour	Finish
JULIA-A	Single lens	PMMA	clear	
TINA-TAPE3	Tape	Acrylic foam	black	

ORDERING INFORMATION:

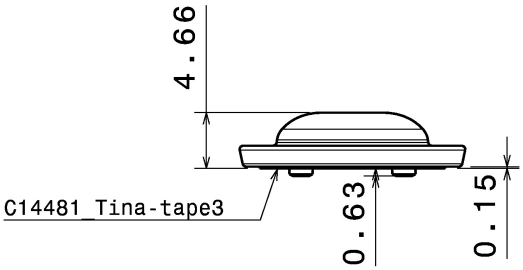
Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA11948_JULIA-A	Single lens	2850	300	150	3.7
» Box size:					



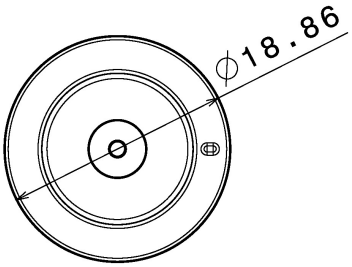
Isometric view



Bottom view



Front view



Top view

Material: PMMA

Part no.s:
Lens: F11947_Julia-A
Assembly: FA11948_Julia-A-tape
(F11947_Julia-A + C14481_Tina-tape3)

Ledil Oy
Tehdaskatu 13
FIN-24100 SALO
Finland

DRAWN BY: mav	DATE: 07.01.2011	DRAWING TITLE: Datasheet Julia-A Lens			
CHECKED BY: tk	DATE: 07.01.2011	SIZE: A4	DRAWING NUMBER: F11947		REV: 1
DESIGNED BY: ol	DATE: 20.12.2010	SCALE: 2:1	WEIGHT(g):		SHEET: 1/1

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

PHOTOMETRIC DATA (MEASURED):

CREE

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

Required components:

CREE

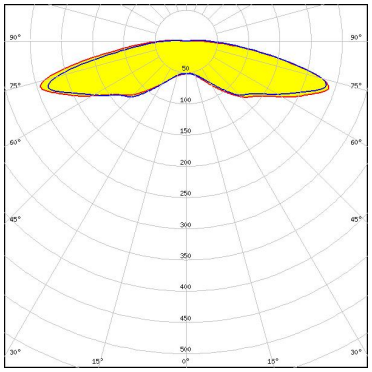
LED	XP-G
FWHM / FWTM	166.0°
Efficiency	90 %
Peak intensity	0.2 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

CREE

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

Required components:



LUMILEDS

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

Required components:

PHOTOMETRIC DATA (MEASURED):

LUMILEDS

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

Required components:

NICHIA

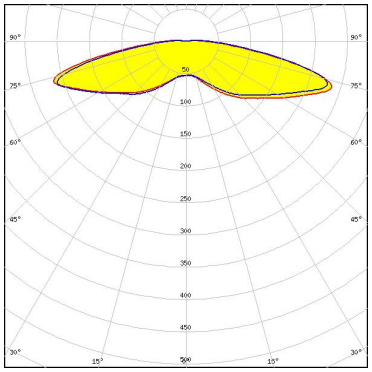
LED	NCSxx19A
FWHM / FWTM	156.0°
Efficiency	90 %
Peak intensity	0.2 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

NICHIA

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

Required components:



NICHIA

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

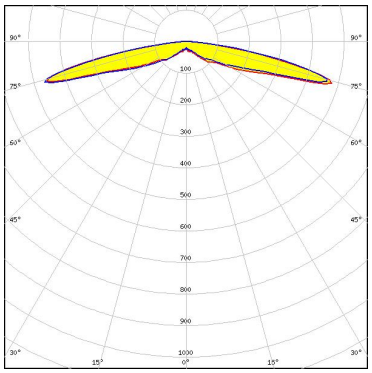
Required components:

PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED	OSLON SSL 150
FWHM / FWTM	159.0°
Efficiency	90 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



OSRAM
Opto Semiconductors

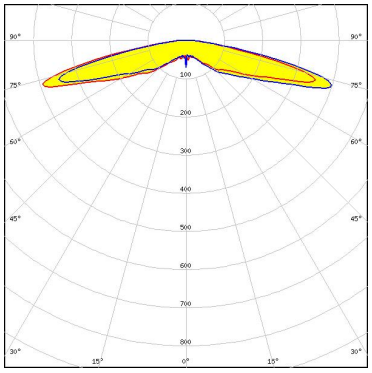
LED	OSLON SSL 80
FWHM / FWTM	158.0°
Efficiency	90 %
Peak intensity	0.2 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

SEOUL SEMICONDUCTOR

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

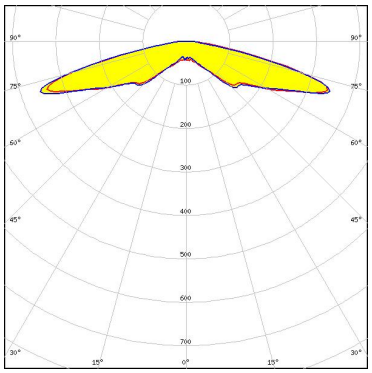
Required components:



PHOTOMETRIC DATA (SIMULATED):

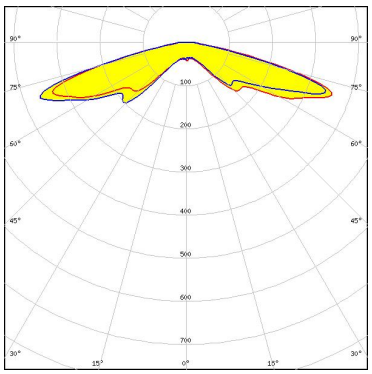
CREE

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



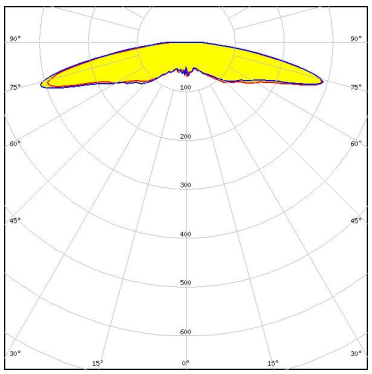
CREE

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



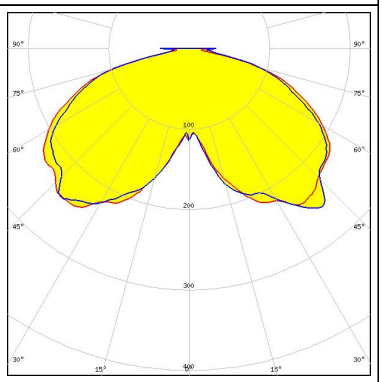
CREE

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



LUMILEDS

LED	LUXEON IR Compact
FWHM / FWTM	141.0° / 167.0°
Efficiency	97 %
Peak intensity	
LEDs/each optic	1
Light colour	IR
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.

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