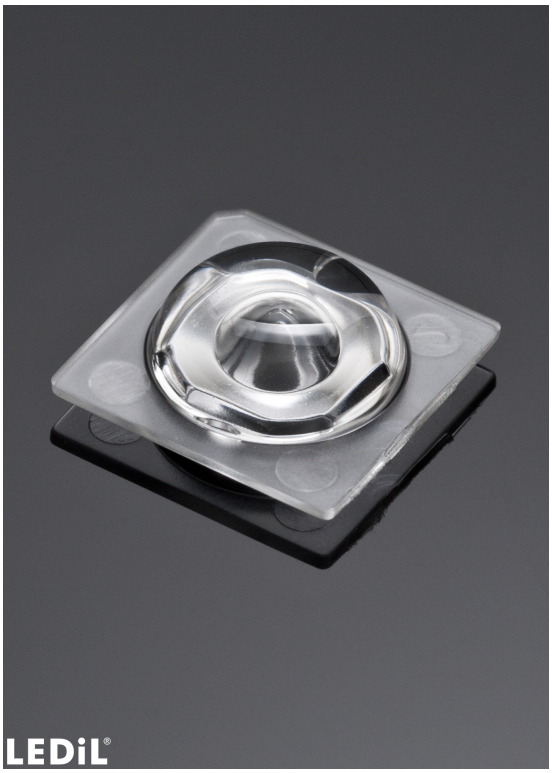
SIRI-A

~75° + 135° wide area beam. Assembly with installation tape.



SPECIFICATION:

Dimensions	13.9 x 13.9
Height	4.6 mm
Fastening	tape, pin
ROHS compliant	yes

MATERIALS:

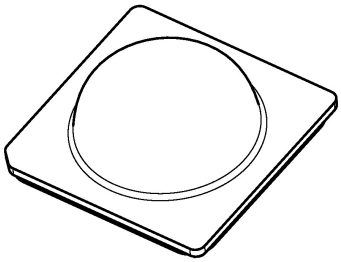
Component	Type	Material	Colour	Finish	Length (mm)
SIRI-A	Single lens	PMMA	clear		
SIRI-TAPE	Tape	Acryl tape			

ORDERING INFORMATION:

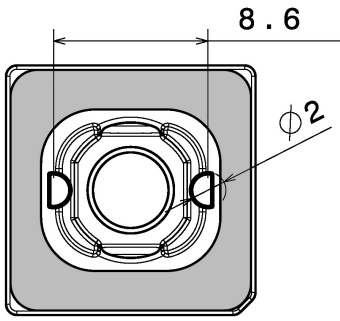
Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
C12473_SIRI-A	Single lens	5488	392	196	3.3
C12475_SIRI-TAPE	Tape	5488	392	196	3.3

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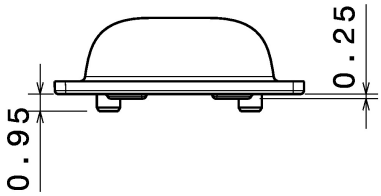
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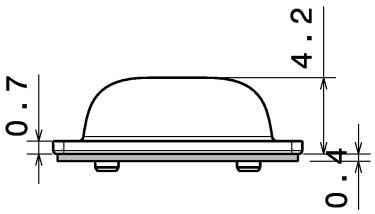
Isometric view



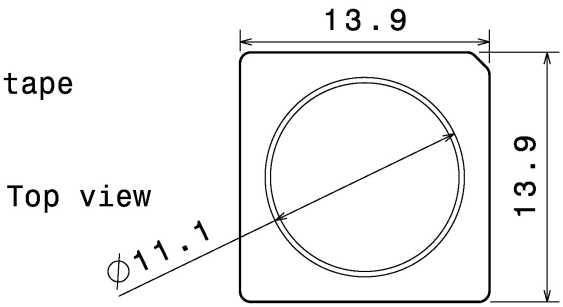
Bottom view



Front view of
C12473_Siri-A
without adhesive tape



Front view



Top view

INDEX	PART	TYPE	MATERIAL	COLOUR
1	C12473_SIRI-A	LENS	PMMA	CLEAR
2	C12475_SIRI-TAPE	TAPE	Acrylic foam	BLACK

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Ledil Oy
Joensuunkatu 13
FIN-24100 SALO
Finland

DRAWN BY: ol	DATE: 12.12.2011	DRAWING TITLE: Datasheet Siri-A-tape		
CHECKED BY: sn	DATE: 12.12.2011	SIZE: A4	DRAWING NUMBER: CA12474	REV: 1
DESIGNED BY: ol	DATE: 12.12.2011	SCALE: 3:1	WEIGHT(g):	SHEET: 1/1

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

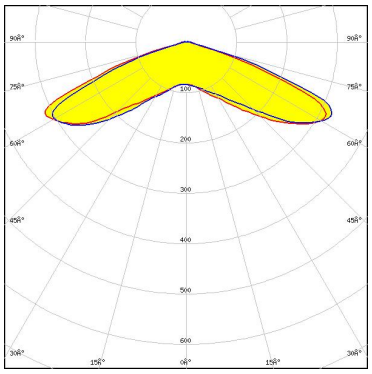
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OPTICAL RESULTS (MEASURED):

CREE LEDs

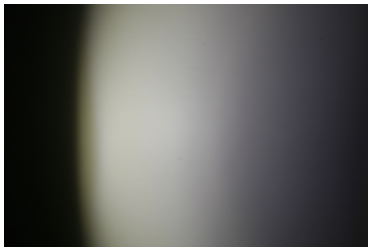
LED	XP-G2
FWHM / FWTM	142.0° / 151.0°
Efficiency	94 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

LED	LUXEON R
FWHM / FWTM	75.0 + 134.0°
Efficiency	94 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

NICHIA

LED	NVSxx19A
FWHM / FWTM	58.0 + 132.0°
Efficiency	94 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

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OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

LED	OSLON Square PC
FWHM / FWTM	66.0 + 134.0°
Efficiency	94 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

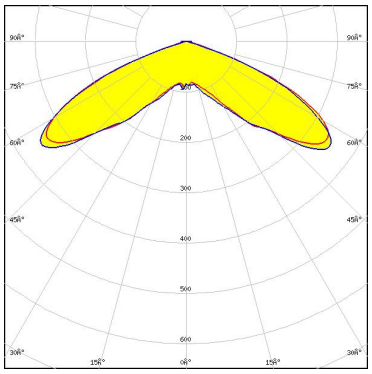
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OPTICAL RESULTS (SIMULATED):

CREE LEDs

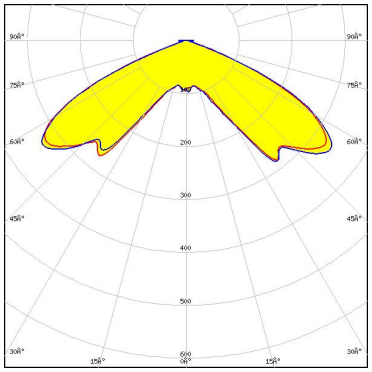
LED	J Series 2835
FWHM / FWTM	135.0° / 146.0°
Efficiency	96 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

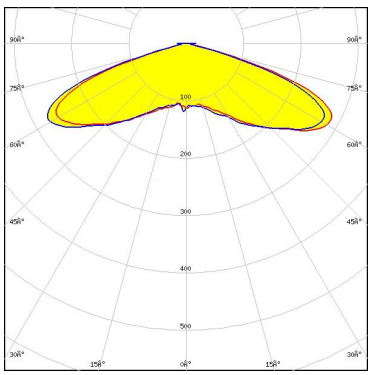
LED	JB3030 HE B Class
FWHM / FWTM	131.0° / 142.0°
Efficiency	96 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

LED	XP-G2 HE
FWHM / FWTM	143.0 + 144.0° / 152.0°
Efficiency	93 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



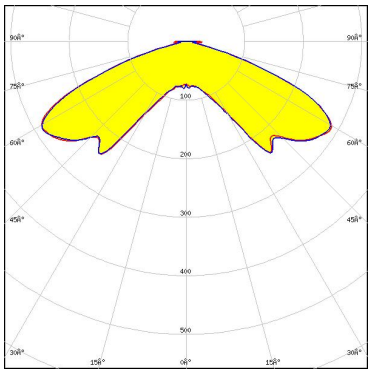
Light distribution files

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OPTICAL RESULTS (SIMULATED):

SEOUL SEMICONDUCTOR

LED	Z8Y22P
FWHM / FWTM	116.0 + 132.0° / 137.0 + 148.0°
Efficiency	97 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

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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:

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LEDiL Oy
Joensuunkatu 7
FI-24100 SALO
Finland

LEDiL Inc.
228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.
405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support
www.ledil.com/
where_to_buy

Shipping locations
Poznan, Poland
Hong Kong, China

Distribution Partners
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