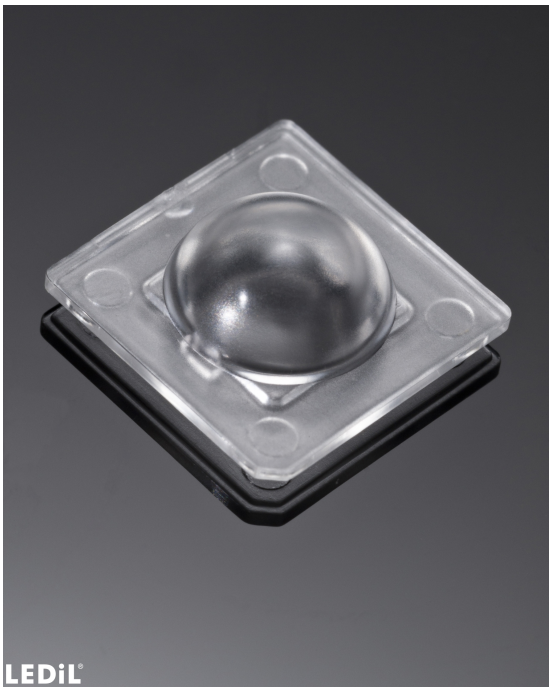
SIRI-DIFF

~145° wide diffused beam. Assembly with installation tape.



SPECIFICATION:

Dimensions	13.9 x 13.9 mm
Height	5.3 mm
Fastening	tape
ROHS compliant	yes

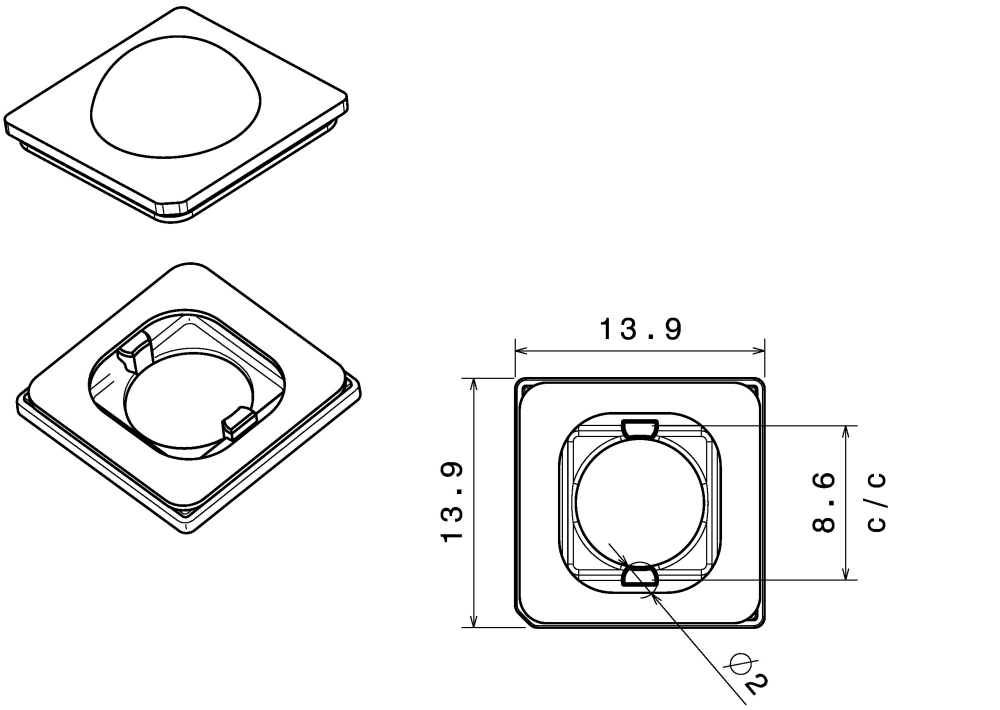
MATERIALS:

Component	Type	Material	Colour	Finish
SIRI-DIFF	Single lens	PMMA	clear	
SIRI-TAPE	Tape	Acrylic foam		

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA13014_SIRI-DIFF	Single lens	5488	392	196	2.9
» Box size:					

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MATERIALS
Lens: PMMA
Tape: Acrylic foam

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DRAWN BY: as	DATE: 23.07.2012	DRAWING TITLE: Datasheet SIRI-DOME/-DIFF assy		
CHECKED BY: ol	DATE: 23.07.2012	SIZE: A4	PART NUMBER:	REV: 001
DESIGNED BY: pv	DATE: 23.11.2011	SCALE: 1:1	WEIGHT:	SHEET: 1/1

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

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OPTICAL RESULTS (MEASURED):

CREE LEDs

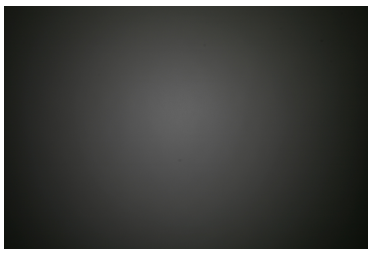
LED	XM-L
FWHM / FWTM	144.0° / 174.0°
Efficiency	96 %
LEDs/each optic	1
Light colour	White

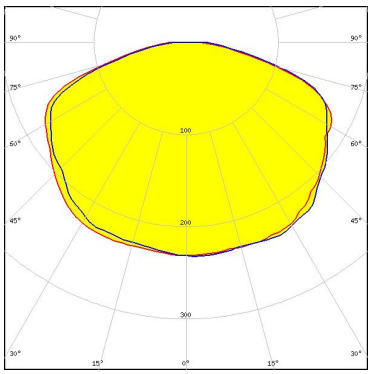
Required components:

CREE LEDs

LED	XM-L2
FWHM / FWTM	147.0° / 177.0°
Efficiency	95 %
Peak intensity	0.2 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

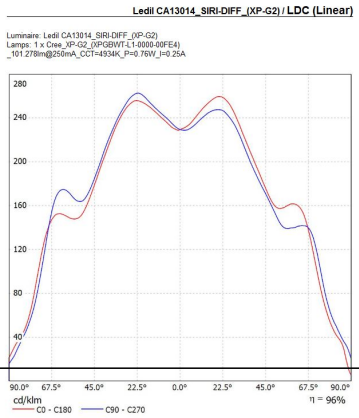


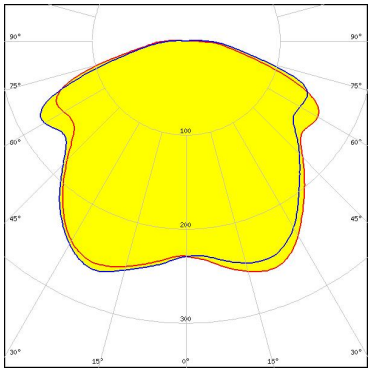


CREE LEDs

LED	XP-G2
FWHM / FWTM	140.0° / 176.0°
Efficiency	96 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

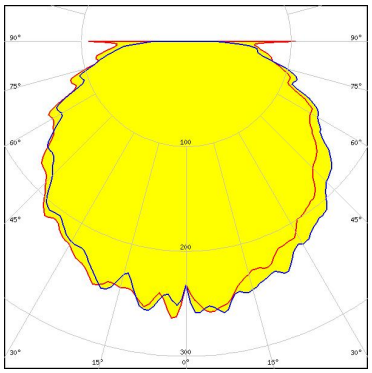




CREE LEDs

LED	XT-E
FWHM / FWTM	148.0°
Efficiency	95 %
Peak intensity	0.2 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



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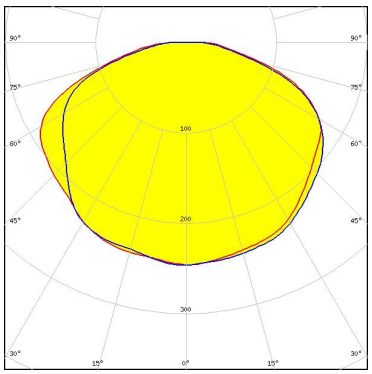
OPTICAL RESULTS (MEASURED):

LUMILEDS

LED	LUXEON A
FWHM / FWTM	142.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	

NICHIA

LED	NS9x383
FWHM / FWTM	139.0° / 175.0°
Efficiency	94 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

LED	NVSxx19B/NVSxx19C
FWHM / FWTM	146.0° / 176.0°
Efficiency	96 %
Peak intensity	0.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

OSRAM
Opto Semiconductors

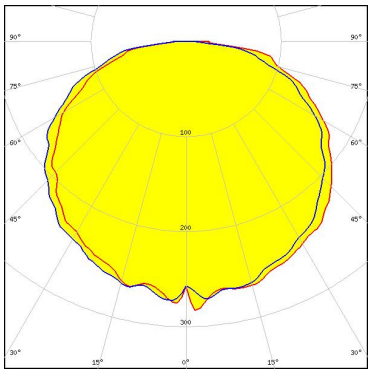
LED	OSLON Square EC
FWHM / FWTM	132.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	

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OPTICAL RESULTS (SIMULATED):

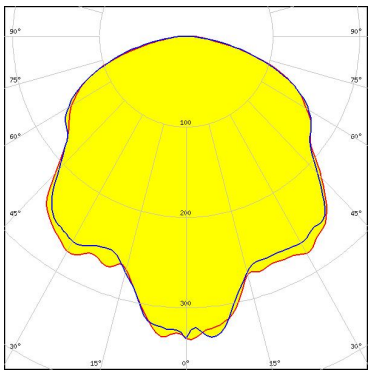
CREE LEDs

LED	XP-G2 HE
FWHM / FWTM	125.0° / 171.0°
Efficiency	95 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SEOUL SEMICONDUCTOR

LED	Z5M1/Z5M2
FWHM / FWTM	113.0° / 162.0°
Efficiency	95 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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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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