SIRI-DOME

~145° wide beam. Assembly with installation tape.



SPECIFICATION:

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

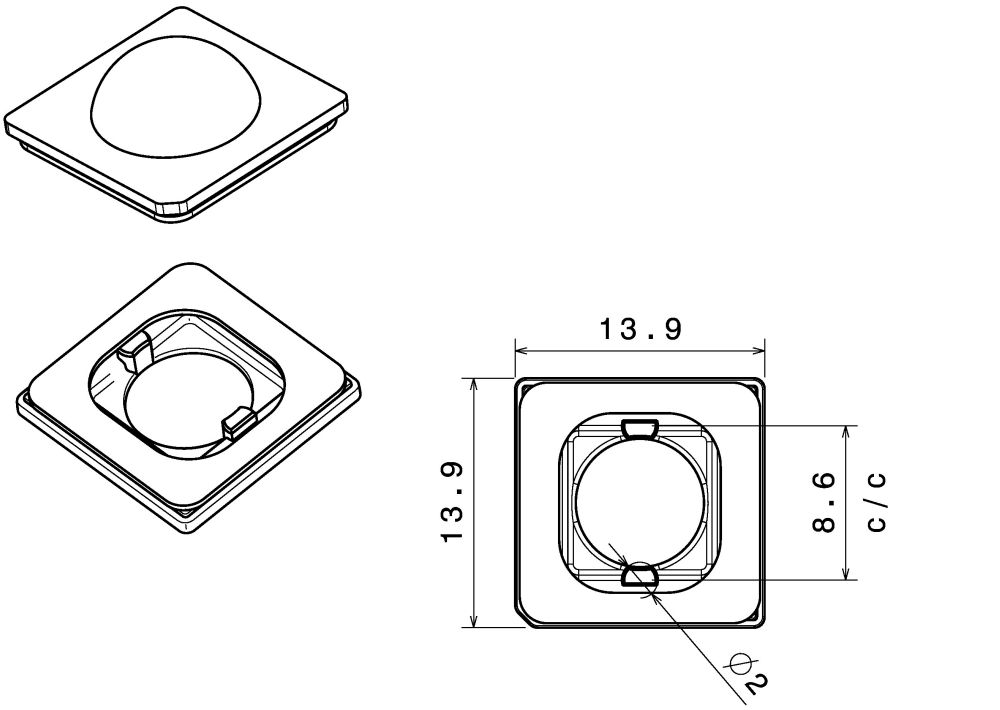
MATERIALS:

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

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA13013_SIRI-DOME	Single lens	5488	392	196	5.4
» Box size:					

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MATERIALS
Lens: PMMA
Tape: Acrylic foam

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FIN 24240 SALO
Finland

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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

OPTICAL RESULTS (MEASURED):

CREE LEDs

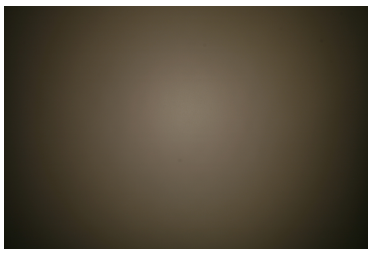
LED	XM-L
FWHM / FWTM	149.0° / 168.0°
Efficiency	97 %
Peak intensity	0.2 cd/lm
LEDs/each optic	1
Light colour	White

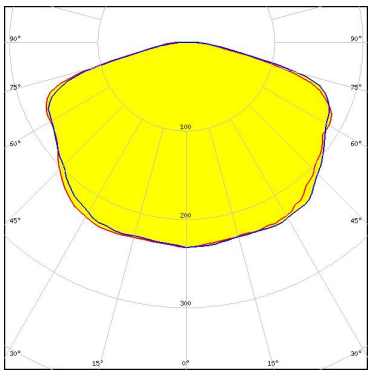
Required components:

CREE LEDs

LED	XM-L2
FWHM / FWTM	151.0° / 173.0°
Efficiency	97 %
Peak intensity	0.2 cd/lm
LEDs/each optic	1
Light colour	White

Required components:





CREE LEDs

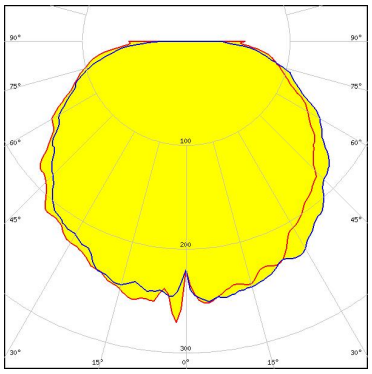
LED	XP-G2
FWHM / FWTM	144.0° / 172.0°
Efficiency	97 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

CREE LEDs

LED	XT-E
FWHM / FWTM	148.0°
Efficiency	97 %
Peak intensity	0.2 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



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OPTICAL RESULTS (MEASURED):

LUMILEDS

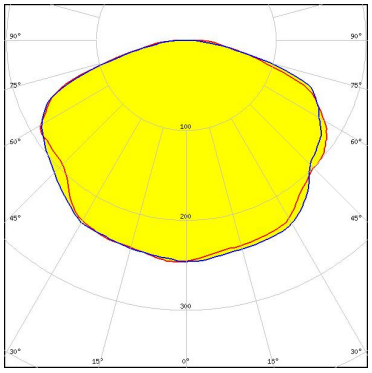
LED	LUXEON A
FWHM / FWTM	144.0° / 172.0°
Efficiency	97 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

LUMILEDS

LED	LUXEON Rebel
FWHM / FWTM	138.0° / 174.0°
Efficiency	96 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

NICHIA

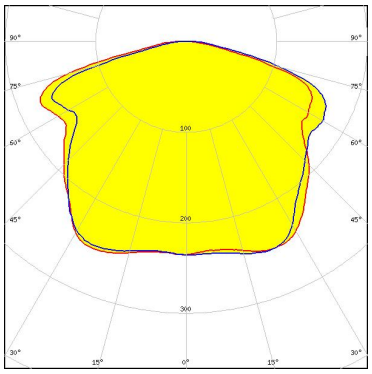
LED	NS9x383
FWHM / FWTM	144.0° / 170.0°
Efficiency	97 %
Peak intensity	0.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

LED	NVSW219F
FWHM / FWTM	148.0° / 169.0°
Efficiency	94 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





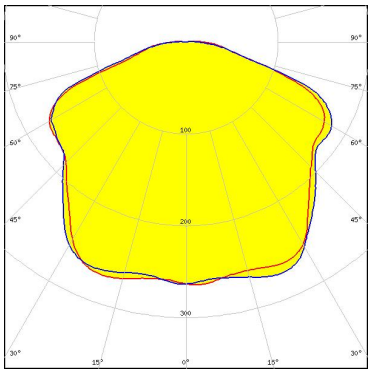
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OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

LED	OSCONIQ P 3737 (3W version)
FWHM / FWTM	139.0° / 172.0°
Efficiency	94 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





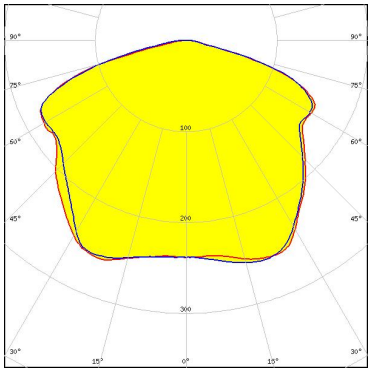
OSRAM
Opto Semiconductors

LED	OSLON Square EC
FWHM / FWTM	134.0° / 174.0°
Efficiency	97 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

SAMSUNG

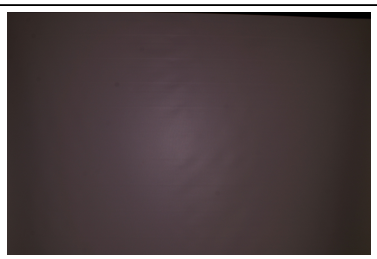
LED	LH351B
FWHM / FWTM	143.0° / 159.0°
Efficiency	94 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

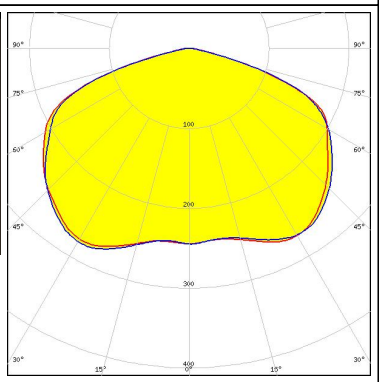




SAMSUNG

LED	LH351C
FWHM / FWTM	144.0° / 156.0°
Efficiency	94 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



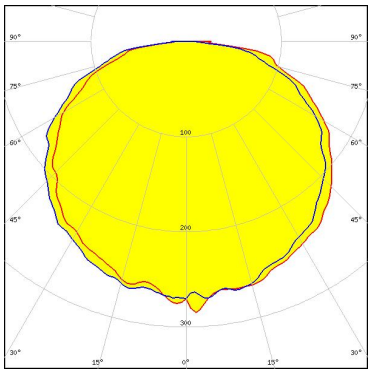


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OPTICAL RESULTS (SIMULATED):

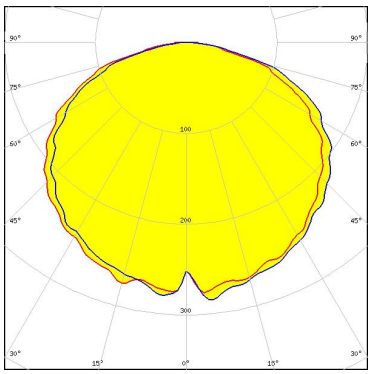
CREE LEDs

LED	XP-G2 HE
FWHM / FWTM	128.0° / 173.0°
Efficiency	95 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



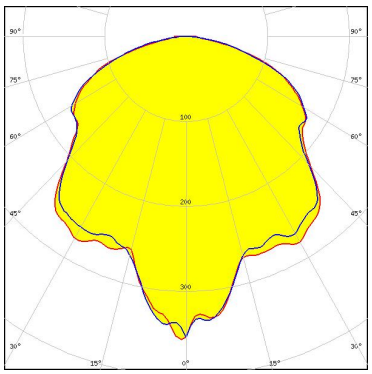
NICHIA

LED	NVSxx19B/NVSxx19C
FWHM / FWTM	127.0° / 166.0°
Efficiency	94 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SEOUL SEMICONDUCTOR

LED	Z5M1/Z5M2
FWHM / FWTM	105.0° / 161.0°
Efficiency	95 %
Peak intensity	0.4 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:

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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