

**Ordering number C12490\_SIRI-DOME**

Family	Siri	FWHM	124 degrees
Type	Lens	Efficiency	97 %
LED	Oslon Square EC	cd/lm	0.280
Color	Clear	Gerber File	Available
Diameter	13.9 + 13.9 mm		
Height	4.9 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	Pin, glue		
Status	Ready		

Lens designed to protect LED without effect to LED original beam

**Ordering number CA13014\_SIRI-DIFF**

Family	Siri	FWHM	132 degrees
Type	Assembly	Efficiency	(simulated) 0 %
LED	Oslon Square EC	cd/lm	-
Color	Clear	Gerber File	Available
Diameter	13.9 + 13.9 mm		
Height	5.3 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	Tape		
Status	Ready		

**Ordering number CA13013\_SIRI-DOME**

Family	Siri	FWHM	134 degrees
Type	Assembly	Efficiency	97 %
LED	Oslon Square EC	cd/lm	0.280
Color	Clear	Gerber File	Available
Diameter	13.9 + 13.9 mm		
Height	5.3 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	Pin, tape		
Status	Ready		

**NOTE: The typical divergence will be changed by different color, chip size and chip position tolerance. The typical total divergence is the full angle measured where the luminous intensity is half of the peak value.**

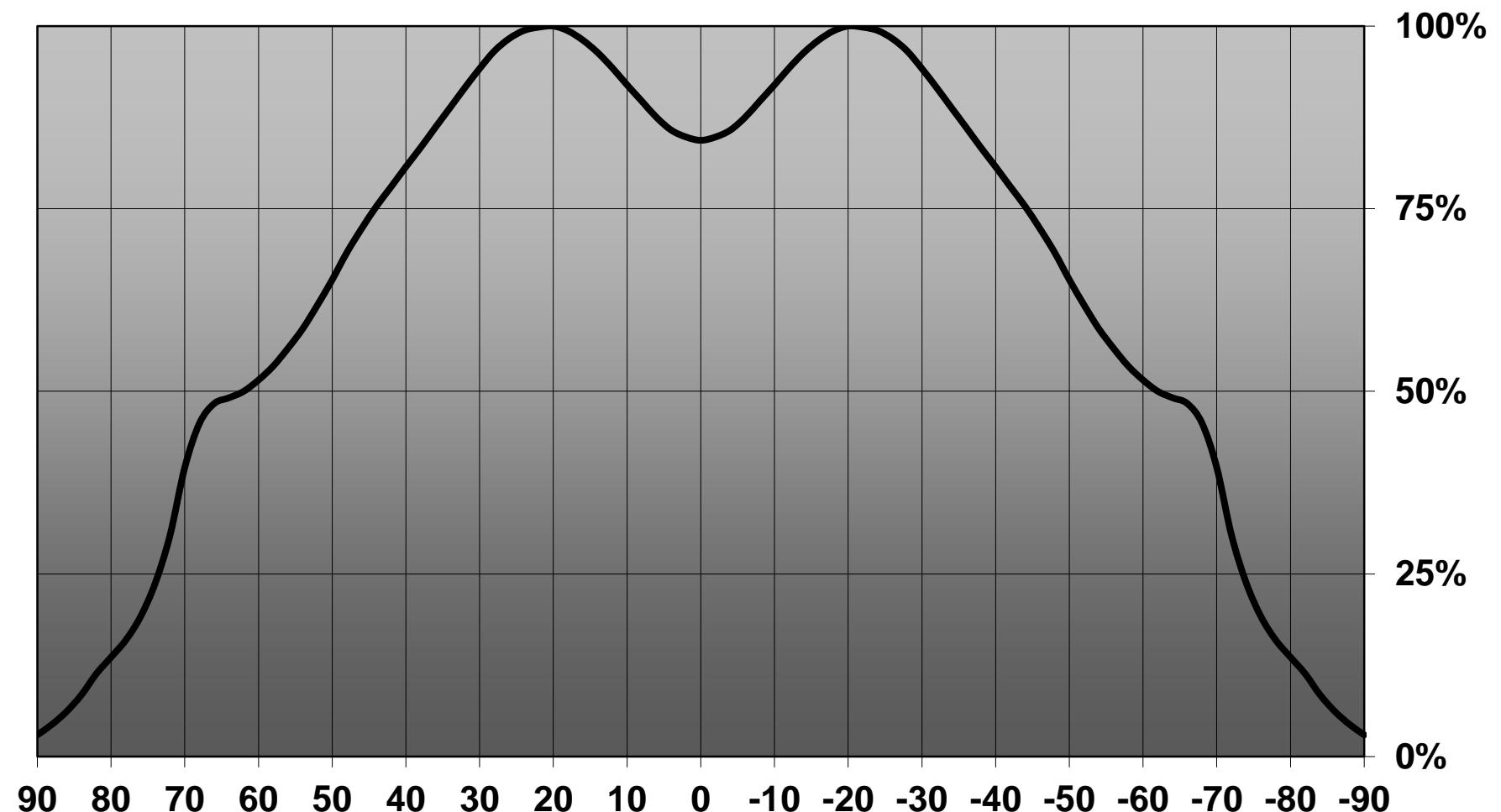
**GENERAL INFORMATION**

- Product series especially designed & optimized for Oslon Square EC series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PMMA with high UV and temperature resistance. Allows use of high current and temperature conditions.

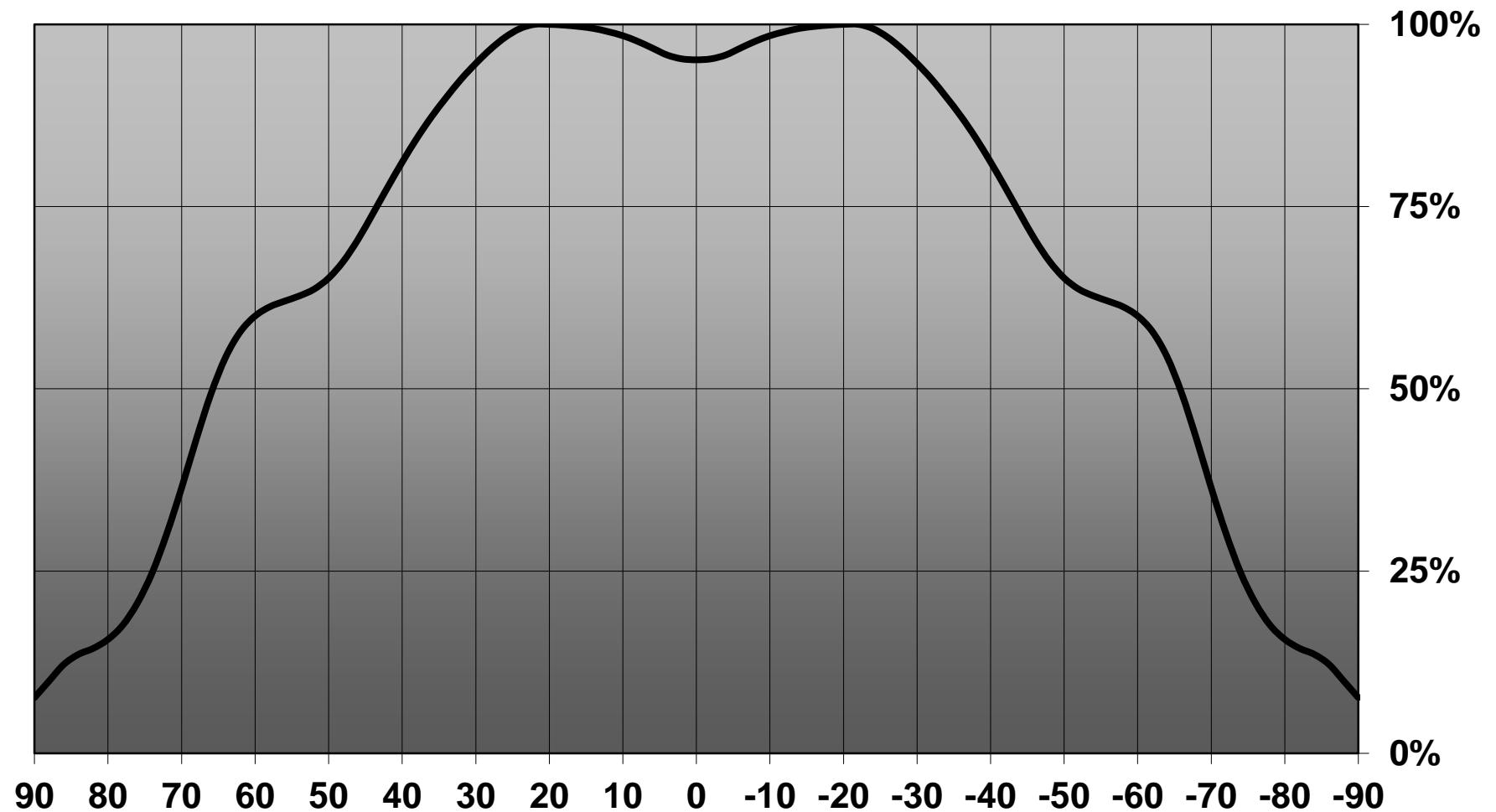
Please find more information about used material from below:

[http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%208N%20UL94\\_Yellow%20Card.pdf](http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%208N%20UL94_Yellow%20Card.pdf)  
<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%208N%20PLEXIGLAS-Datasheet.pdf>

### Relative intensity of C12490\_SIRI-DOME\_(SQ-EC)



### Relative intensity of CA13014\_SIRI-DIFF (Oslo Square EC)



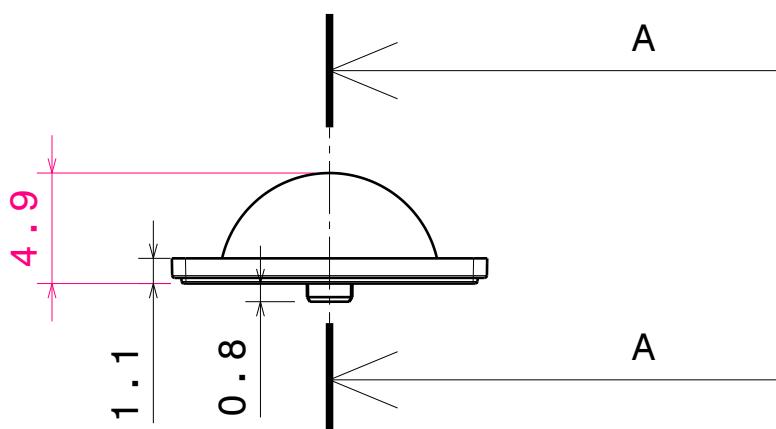
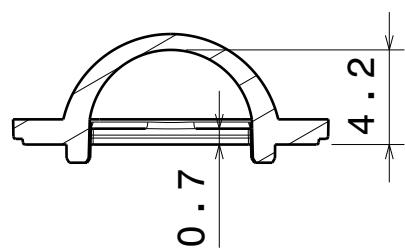
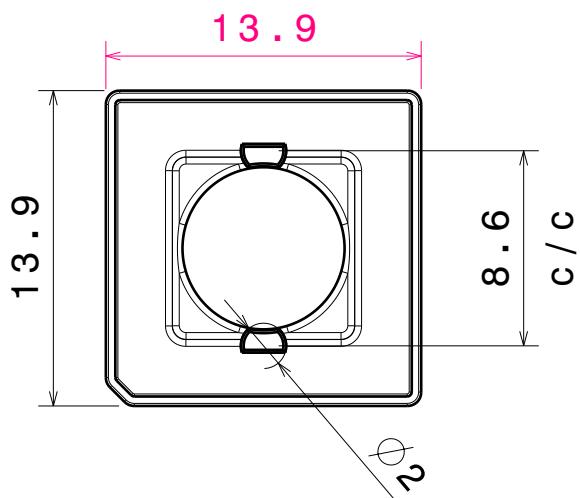
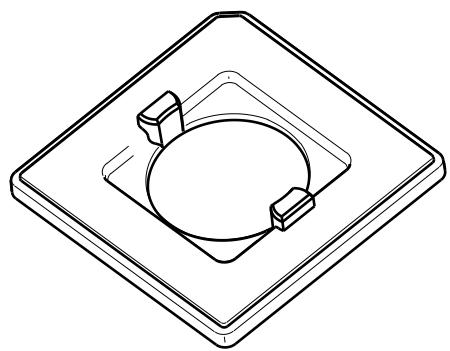
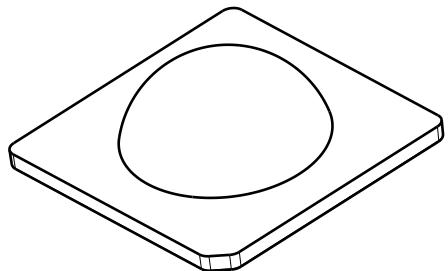
D

C

B

A

4



MATERIALS  
Lens: PMMA

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DRAWING TITLE

Ledil Oy  
Salorankatu 10  
FIN-24100 SALO  
Finland

1

DRAWN BY ah DATE 3.1.2012

CHECKED BY Sn DATE 3.1.2012

DESIGNED BY pv DATE 23.11.2011

SIZE

A4

DRAWING NUMBER

REV

2

SCALE

3:1

WEIGHT(g)

SHEET 1/1

D

A

4

3

2

1