


**Ordering number C13015\_FLARE-MINI-AD**

Family	Flare	FWHM	100+20 degrees
Type	Lens	Efficiency	94 %
LED	NVSxx19A	cd/lm	1.100
Color	Clear	Gerber File	Available
Diameter	16 mm		
Height	8.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Glue		
Status	Ready		

**Ordering number C13016\_FLARE-MINI-AD-PIN**

Family	Flare	FWHM	100+20 degrees
Type	Lens	Efficiency	94 %
LED	NVSxx19A	cd/lm	1.100
Color	Clear	Gerber File	Available
Diameter	16 mm		
Height	8.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Pin, glue		
Status	Ready		

**Ordering number CA13057\_FLARE-MINI-AD**

Family	Flare	FWHM	100+20 degrees
Type	Assembly	Efficiency	94 %
LED	NVSxx19A	cd/lm	1.100
Color	Clear	Gerber File	Available
Diameter	16 mm		
Height	9.1 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Tape		
Status	Ready		

**Ordering number CA13058\_FLARE-MINI-AD-PIN**

Family	Flare	FWHM	100+20 degrees
Type	Assembly	Efficiency	94 %
LED	NVSxx19A	cd/lm	1.100
Color	Clear	Gerber File	Available
Diameter	16 mm		
Height	9.1 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Pin, tape		
Status	Ready		



# PRODUCT DATASHEET

## Flare series

last update 16/11/2012



**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.**



## PRODUCT DATASHEET

### Flare series

last update 16/11/2012



#### GENERAL INFORMATION

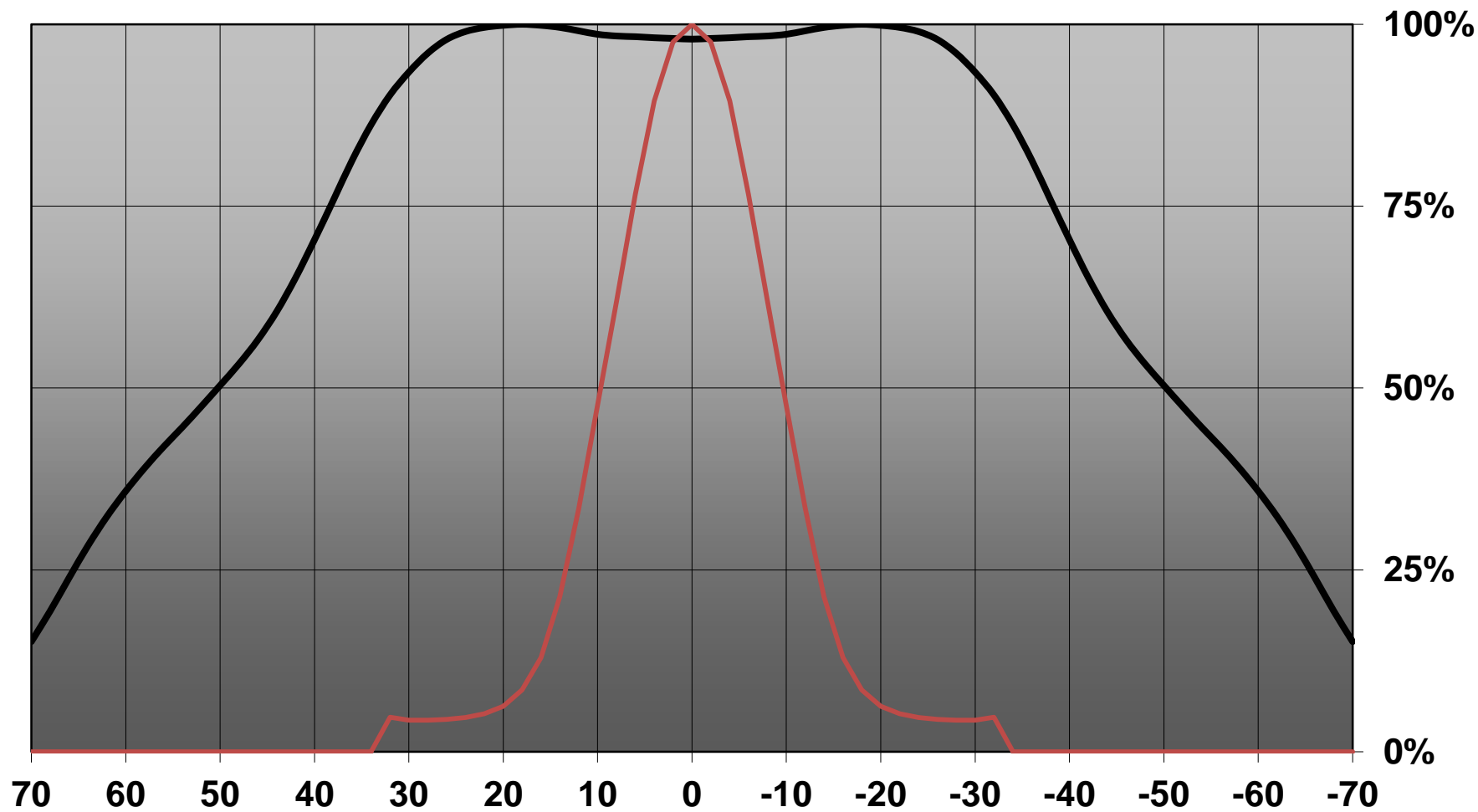
- Product series especially designed & optimized for NVSxx19A series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PMMA with high UV and temperature resistance. Allows use of high current and temperature conditions.

Please find more information about used material from below:

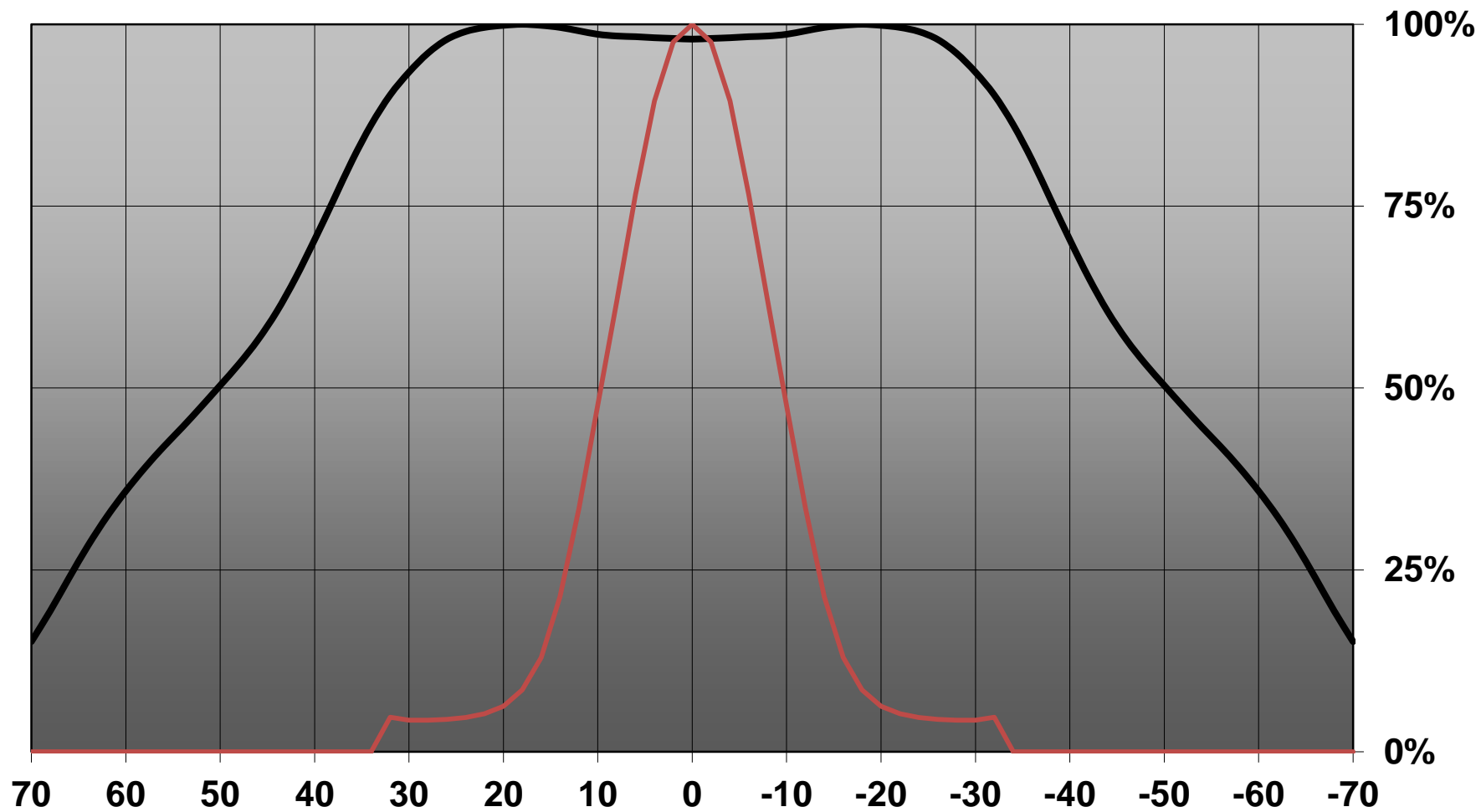
[http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94\\_Yellow%20Card.pdf](http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94_Yellow%20Card.pdf)

<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20PLEXIGLAS-Datasheet.pdf>

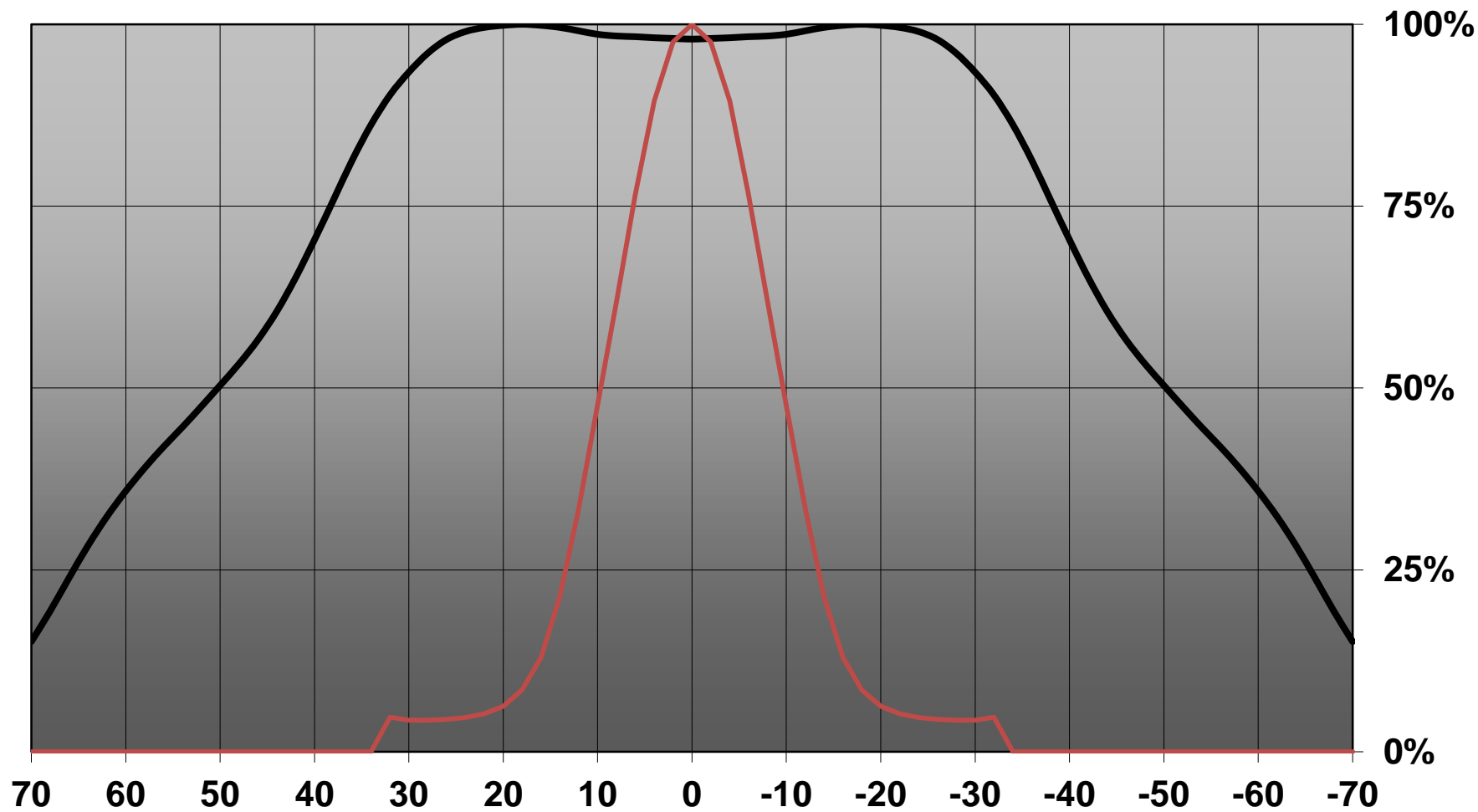
Relative intensity of CA13057&CA13058\_FLARE-MINI-AD-NVS19



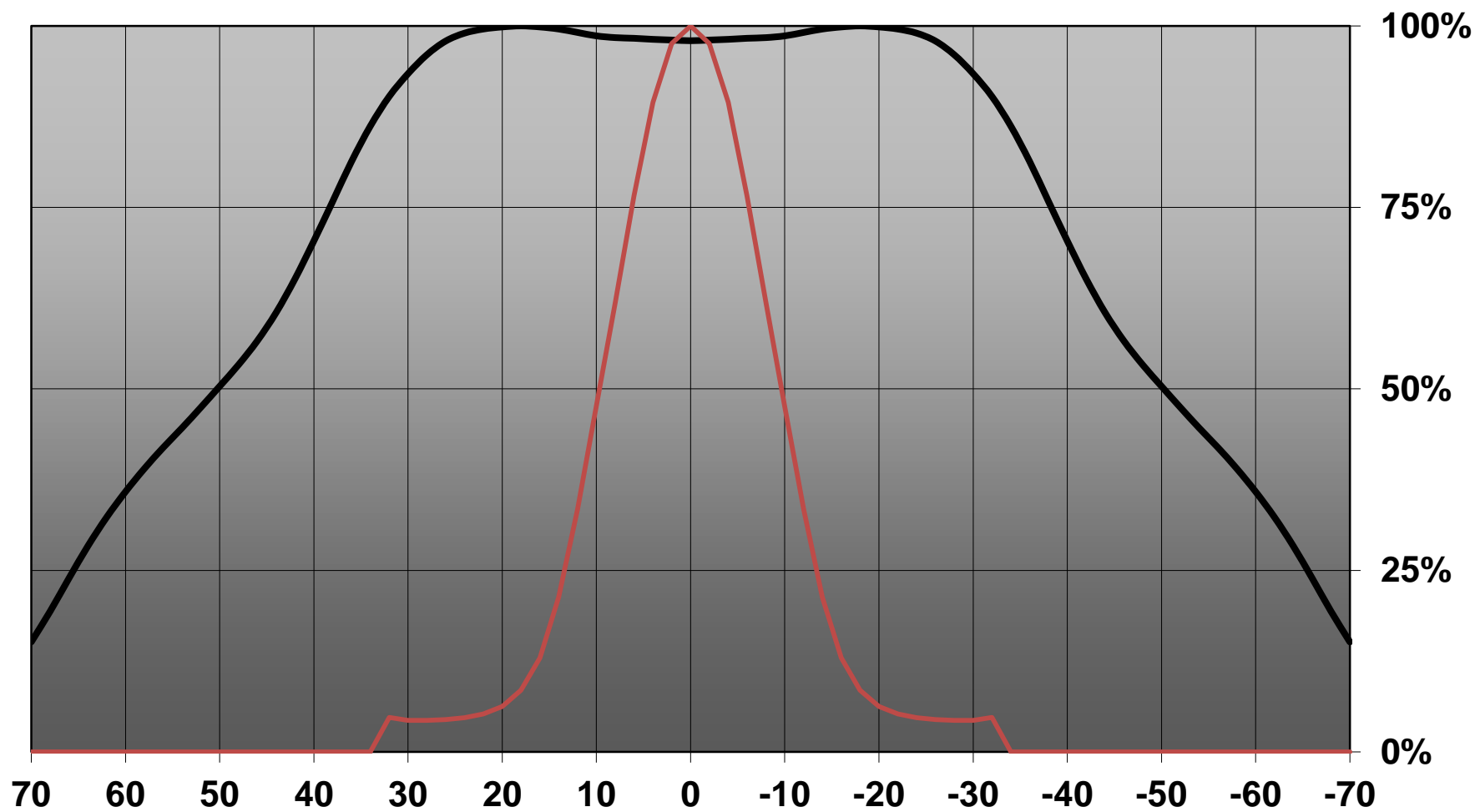
Relative intensity of CA13057&CA13058\_FLARE-MINI-AD-NVS19



Relative intensity of CA13057&CA13058\_FLARE-MINI-AD-NVS19



Relative intensity of CA13057&CA13058\_FLARE-MINI-AD-NVS19



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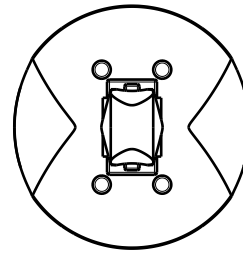
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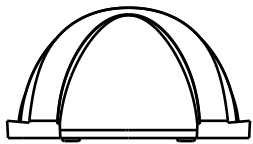
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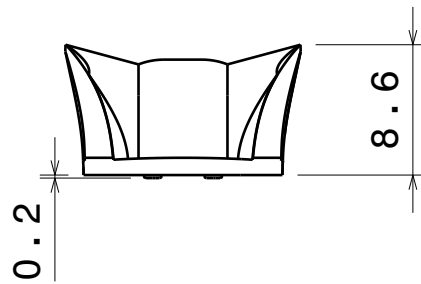
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Bottom view



Right view



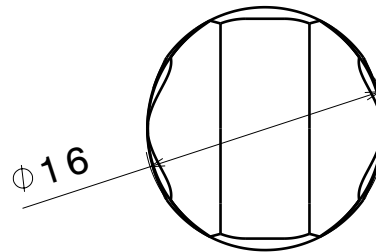
Front view

3

3

2

2



Top view

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Ledil Oy  
Salorankatu 10  
FIN 24240 SALO  
Finland

DRAWING TITLE

Datasheet FLARE-MINI

DRAWN BY

as

DATE

1.8.2012

CHECKED BY

sn

DATE

1.8.2012

DESIGNED BY

pl

DATE

27.2.2012

SIZE

A4

PART NUMBER

SCALE

2:1

WEIGHT

REV

001

SHEET

1/1

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