LEDiL

Product number	CA11663_HEIDI-RS		
Family	Heidi	FWHM	10 degrees
Type	Assembly	Efficiency	90 %
LED	XB-H	cd/lm	18.300
Color	Clear	Gerber File	Available
Diameter	21.6 mm		
Height	11.7 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["pin", "tape"]		
Status	Production ready		

Product number	CA11264_HEIDI-D		
Family	Heidi	FWHM	11 degrees
Type	Assembly	Efficiency	87 %
LED	XB-H	cd/lm	12.700
Color	Clear	Gerber File	Available
Diameter	21.6 mm		
Height	11.7 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["pin", "tape"]		
Status	Production ready		

Product number	CA11267_HEIDI-O-90		
Family	Heidi	FWHM	11+52 degrees
Type	Assembly	Efficiency	80 %
LED	XB-H	cd/lm	3.200
Color	Clear	Gerber File	Available
Diameter	21.6 mm		
Height	12.1 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape", "pin"]		
Status	Production ready		

Product number	CA11265_HEIDI-M		
Family	Heidi	FWHM	27 degrees
Type	Assembly	Efficiency	87 %
LED	XB-H	cd/lm	3.400
Color	Clear	Gerber File	Available
Diameter	21.6 mm		
Height	11.7 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape", "pin"]		
Status	Production ready		

PRODUCT DATASHEET
Heidi series
last update 8/6/2016

Product number **CA11268_HEIDI-W**

Family	Heidi	FWHM	33 degrees
Type	Assembly	Efficiency	88 %
LED	XB-H	cd/lm	2.300
Color	Clear	Gerber File	Available
Diameter	21.6 mm		
Height	11.7 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["pin", "tape"]		
Status	Production ready		

Product number **CA12079_HEIDI-W2**

Family	Heidi	FWHM	45 degrees
Type	Assembly	Efficiency	80 %
LED	XB-H	cd/lm	1.200
Color	Clear	Gerber File	Available
Diameter	21.6 mm		
Height	12 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape", "pin"]		
Status	Production ready		

Product number **CA11266_HEIDI-O**

Family	Heidi	FWHM	53+11 degrees
Type	Assembly	Efficiency	83 %
LED	XB-H	cd/lm	3.300
Color	Clear	Gerber File	Available
Diameter	21.6 mm		
Height	11.7 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["pin", "tape"]		
Status	Production 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 XB-H 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.

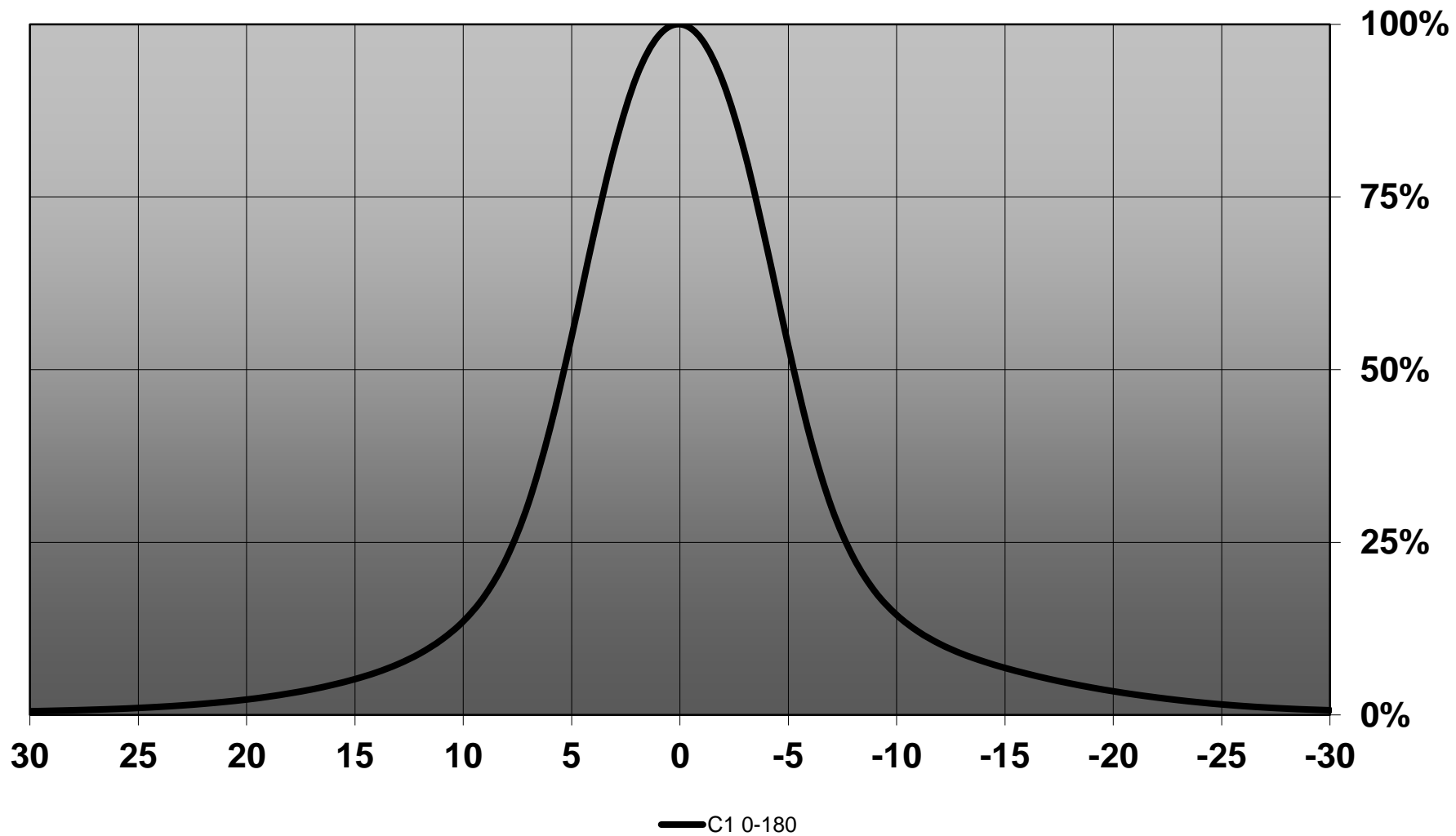Please find more information about used material from below:
http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%208N%20UL94_Yellow%20Card.pdf
http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%208N%20PLEXIGLAS-Datasheet.pdf

Relative intensity of CA11663_HEIDI-RS_(XB-H)
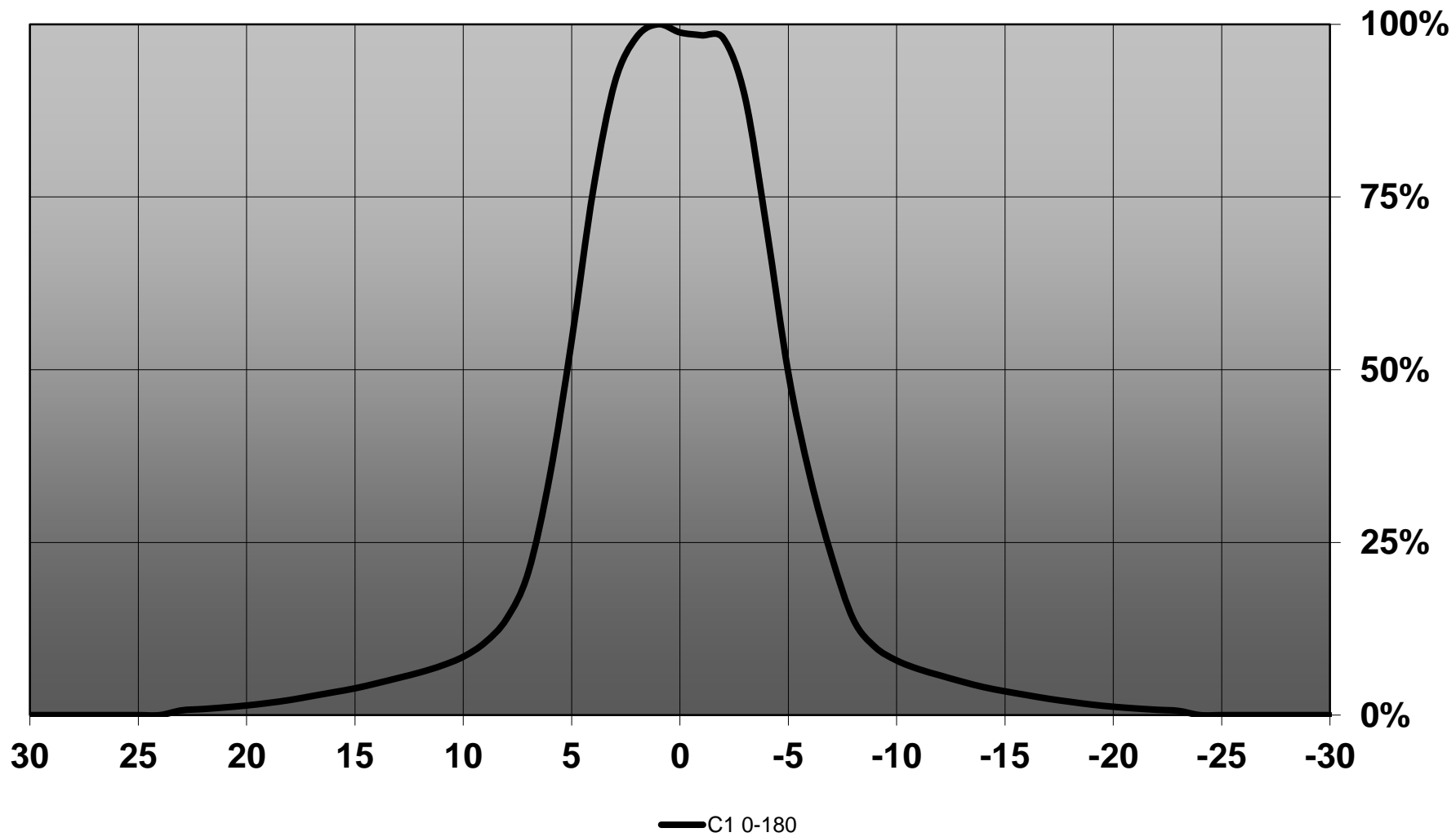
C1 0-180

Relative intensity of CA11264_HEIDI-D_(XB-H)

Relative intensity of CA11267_HEIDI-O-90_(XB-H)
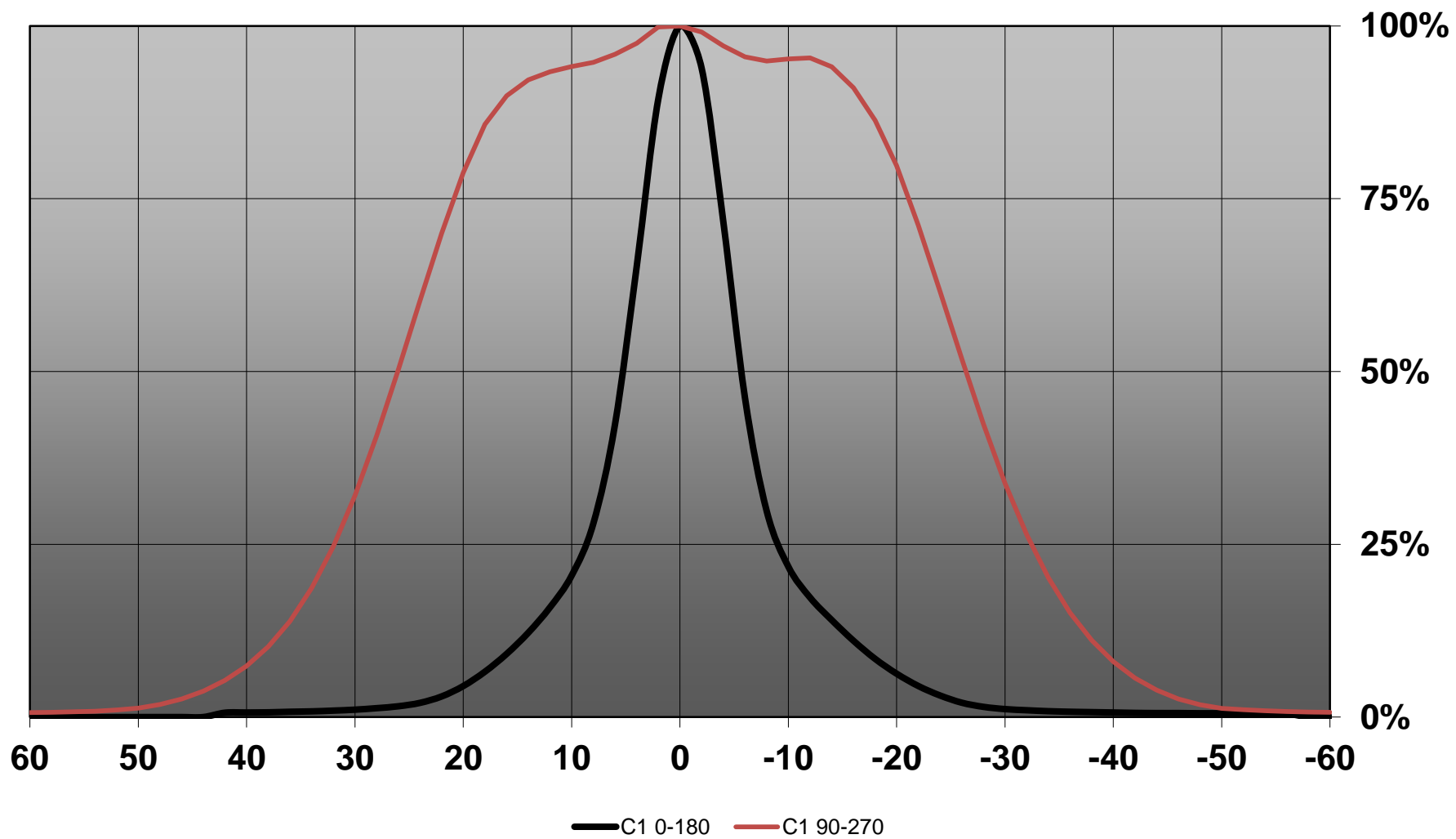
Relative intensity of CA11265_HEIDI-M_(XB-H)

Relative intensity of CA11268_HEIDI-W_(XB-H)
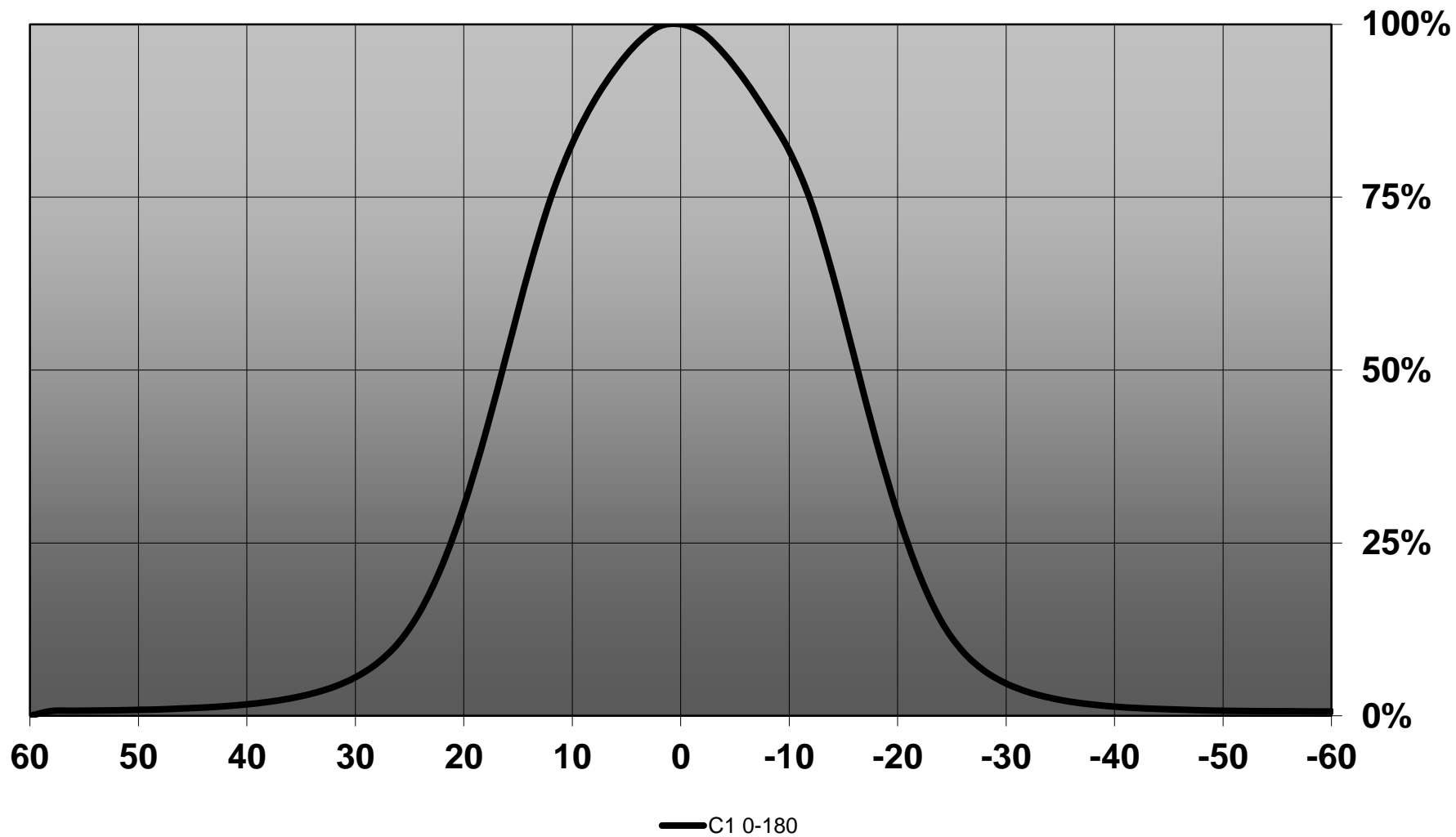
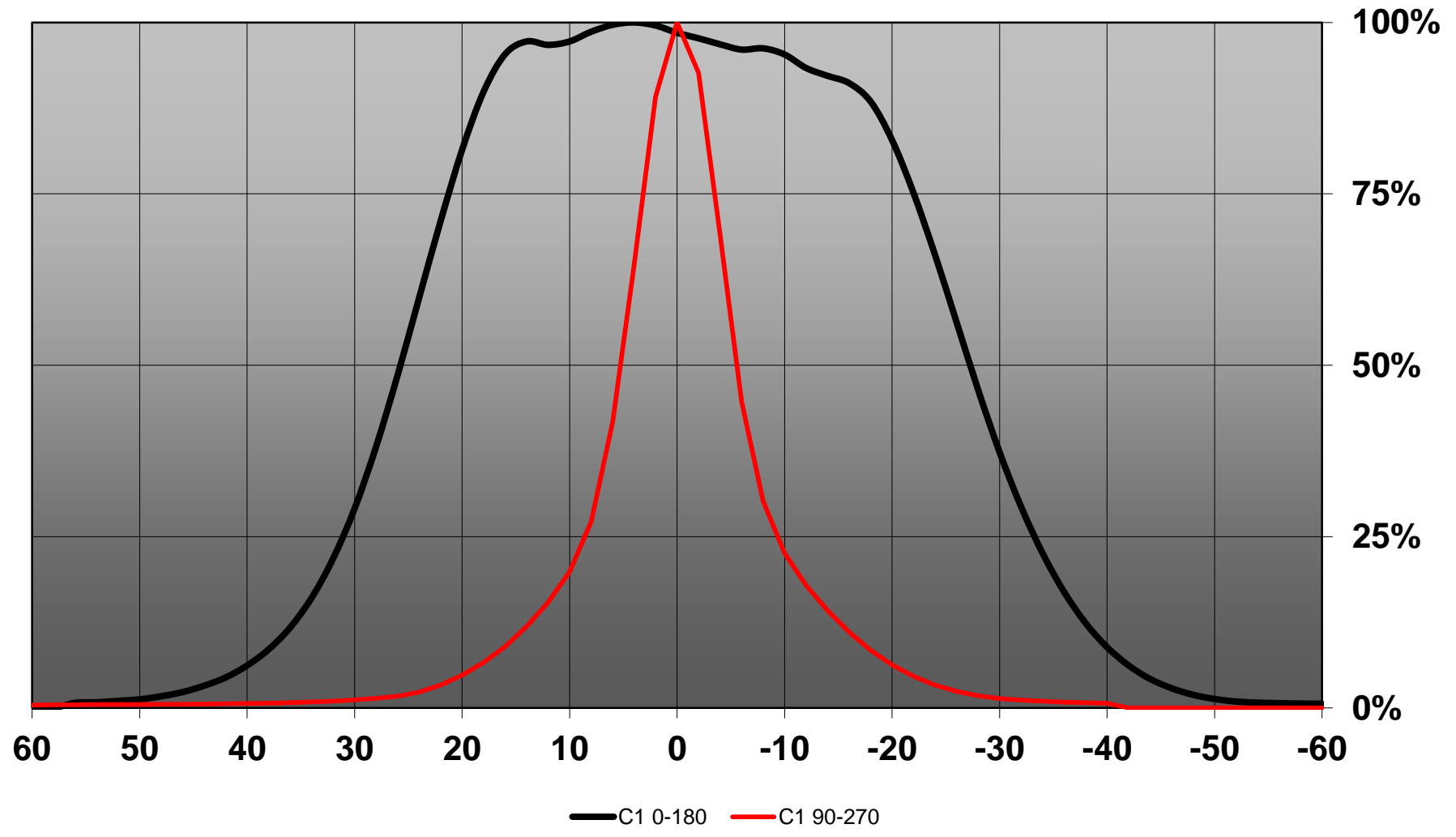Relative intensity of CA12079_HEIDI-W2_(XB-H)
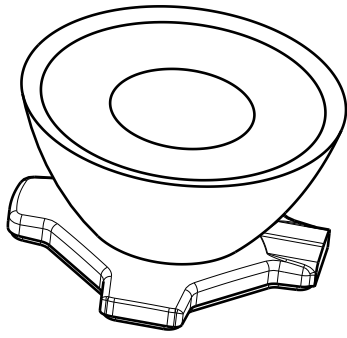
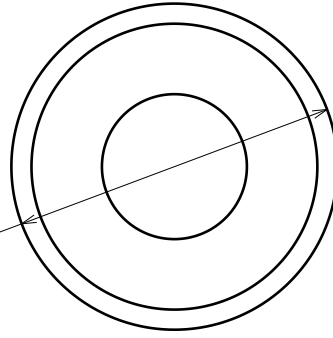Relative intensity of CA11266_HEIDI-O_(XB-H)

D | C | B | A

Isometric view

Top view

$\emptyset 21.6$

Front view

12.4
11.7
11.3

Heidi-O

Heidi-O-90
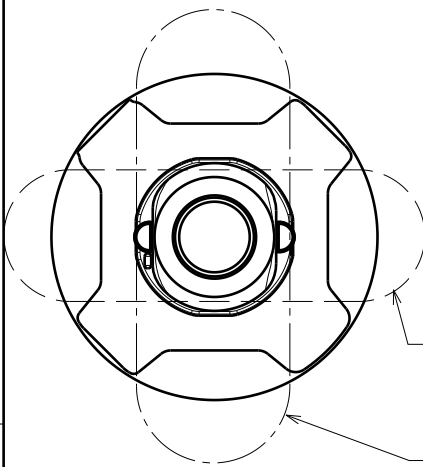
Bottom view
OVAL BEAM direction
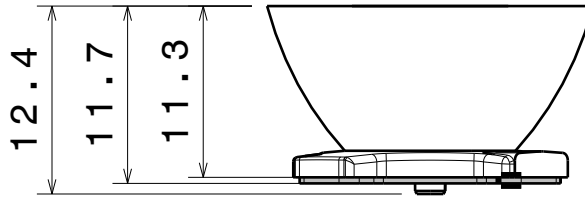
Material:
Lens PMMA
Tape PU Foam
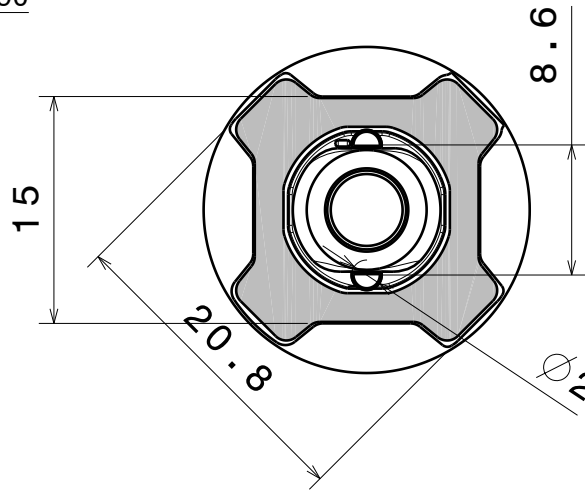
8.6 Between pin
midpoints

15

20.8

$\emptyset 2$

Bottom view

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DRAWING TITLE

Datasheet Heidi-Series Assy

DRAWN BY ah	DATE 1.2.2012
CHECKED BY	DATE
DESIGNED BY	DATE

SIZE A4 | DRAWING NUMBER | REV 2

SCALE 2:1 | WEIGHT(g) | SHEET 1/1