

**Ordering number CA11929_LR2-RS**

Family	Leila	FWHM	6 degrees
Type	Assembly	Efficiency	91 %
LED	LUXEON Z ES	cd/Im	36.400
Color	White	Gerber File	Available
Diameter	21.6 mm		
Height	14.8 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Pin, tape		
Status	On production		

**Ordering number CA11930_LR2-D**

Family	Leila	FWHM	10 degrees
Type	Assembly	Efficiency	90 %
LED	LUXEON Z ES	cd/Im	15.400
Color	White	Gerber File	Available
Diameter	21.6 mm		
Height	14.3 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Pin, tape		
Status	On production		

**Ordering number CA12629_LR2-O-90**

Family	Leila	FWHM	10+40 degrees
Type	Assembly	Efficiency	89 %
LED	LUXEON Z ES	cd/Im	6.000
Color	White	Gerber File	Available
Diameter	21.6 mm		
Height	14.5 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Pin, tape		
Status	On production		

**Ordering number CA11931_LR2-M**

Family	Leila	FWHM	23 degrees
Type	Assembly	Efficiency	90 %
LED	LUXEON Z ES	cd/Im	5.200
Color	White	Gerber File	Available
Diameter	21.6 mm		
Height	14.3 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Pin, tape		
Status	On production		



PRODUCT DATASHEET
Leila series
last update 12/9/2013

PHILIPS
LUMILEDS

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

Leila series

last update 12/9/2013

PHILIPS
LUMILEDS

GENERAL INFORMATION

- Product series especially designed & optimized for LUXEON Z ES 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.

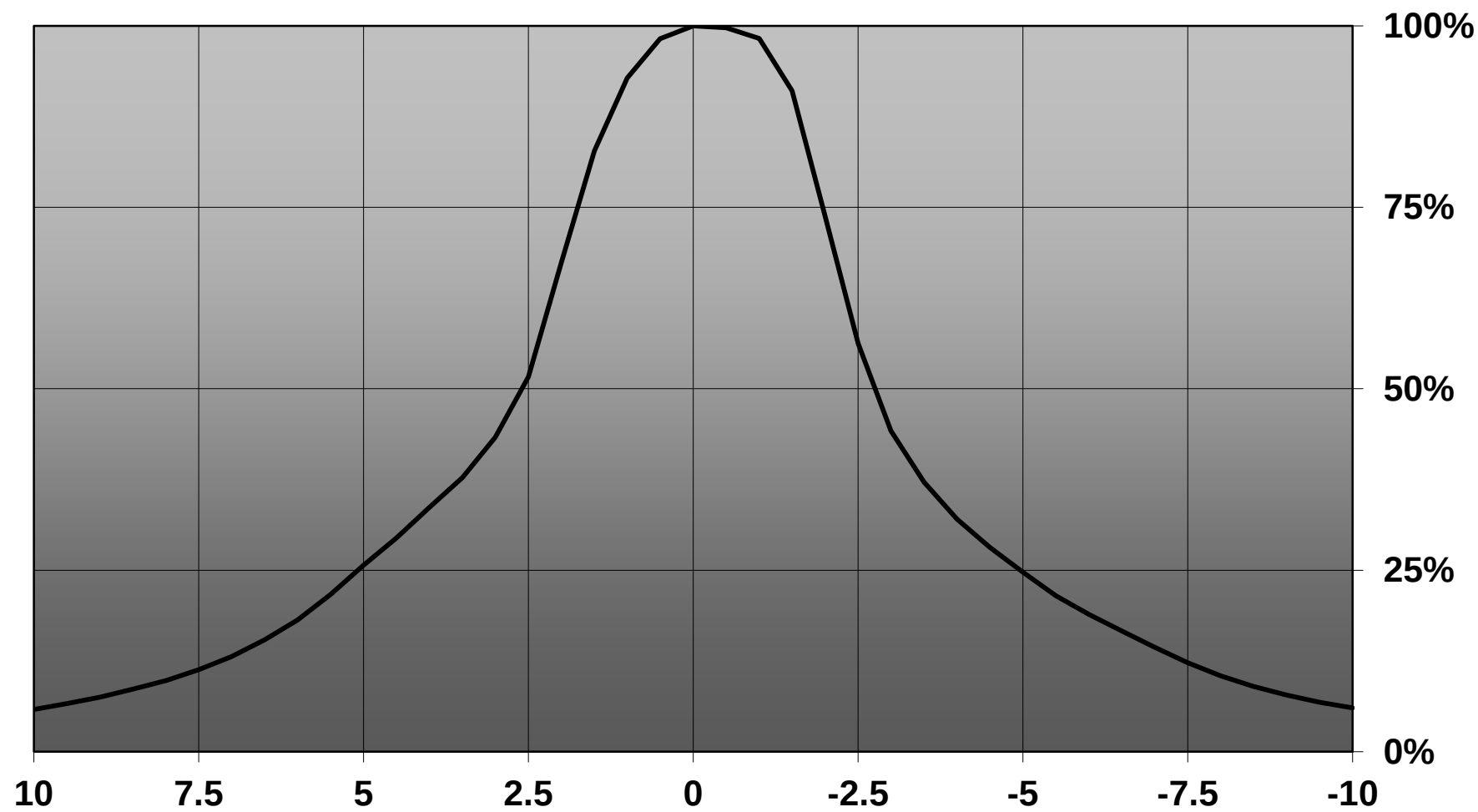
Please find more information about used material from below:

http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94_Yellow%20Card.pdf

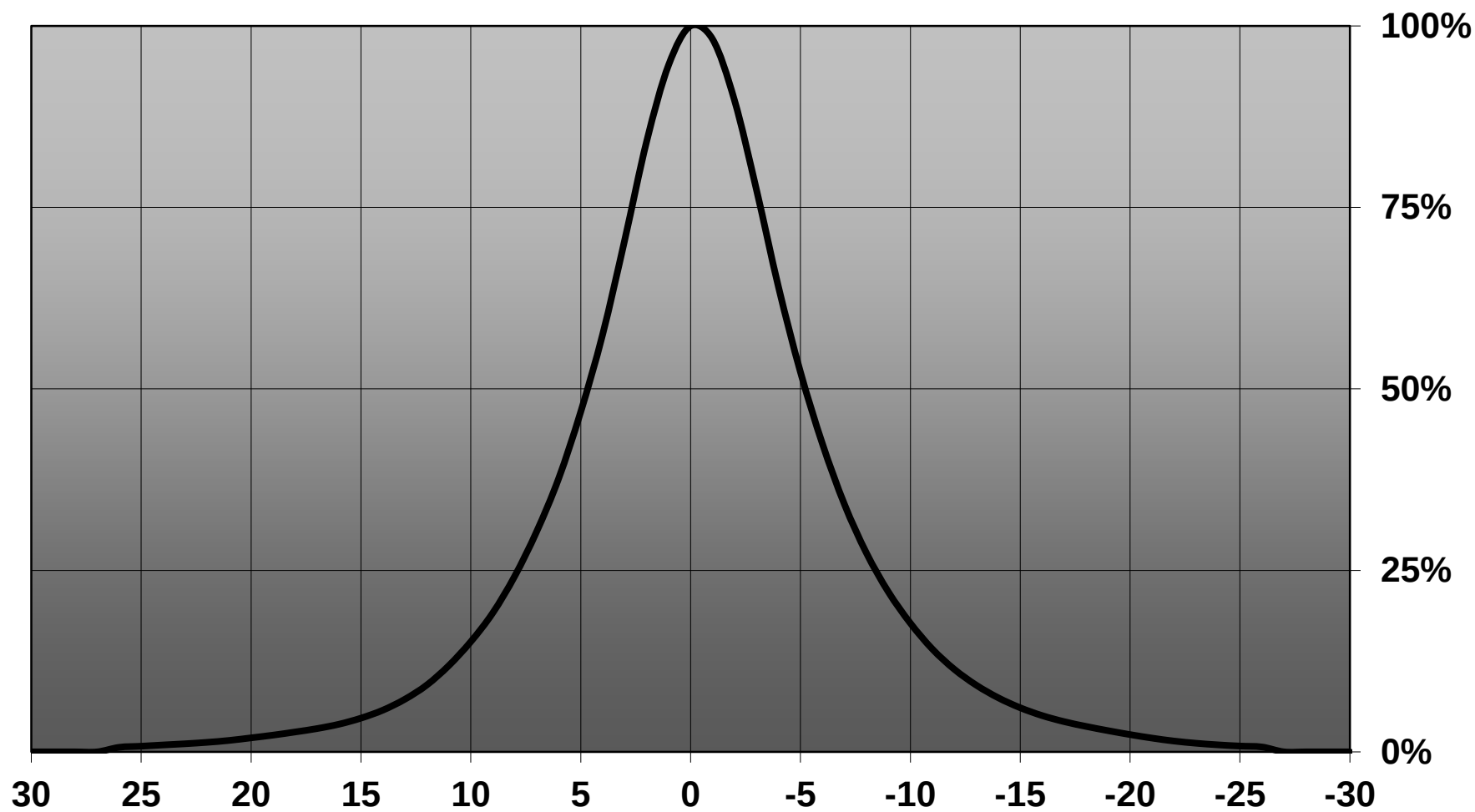
<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20PLEXIGLAS-Datasheet.pdf>

- Optic holder molded by high quality PC material (120 degrees of Celcius / 248 degrees of Fahrenheit).

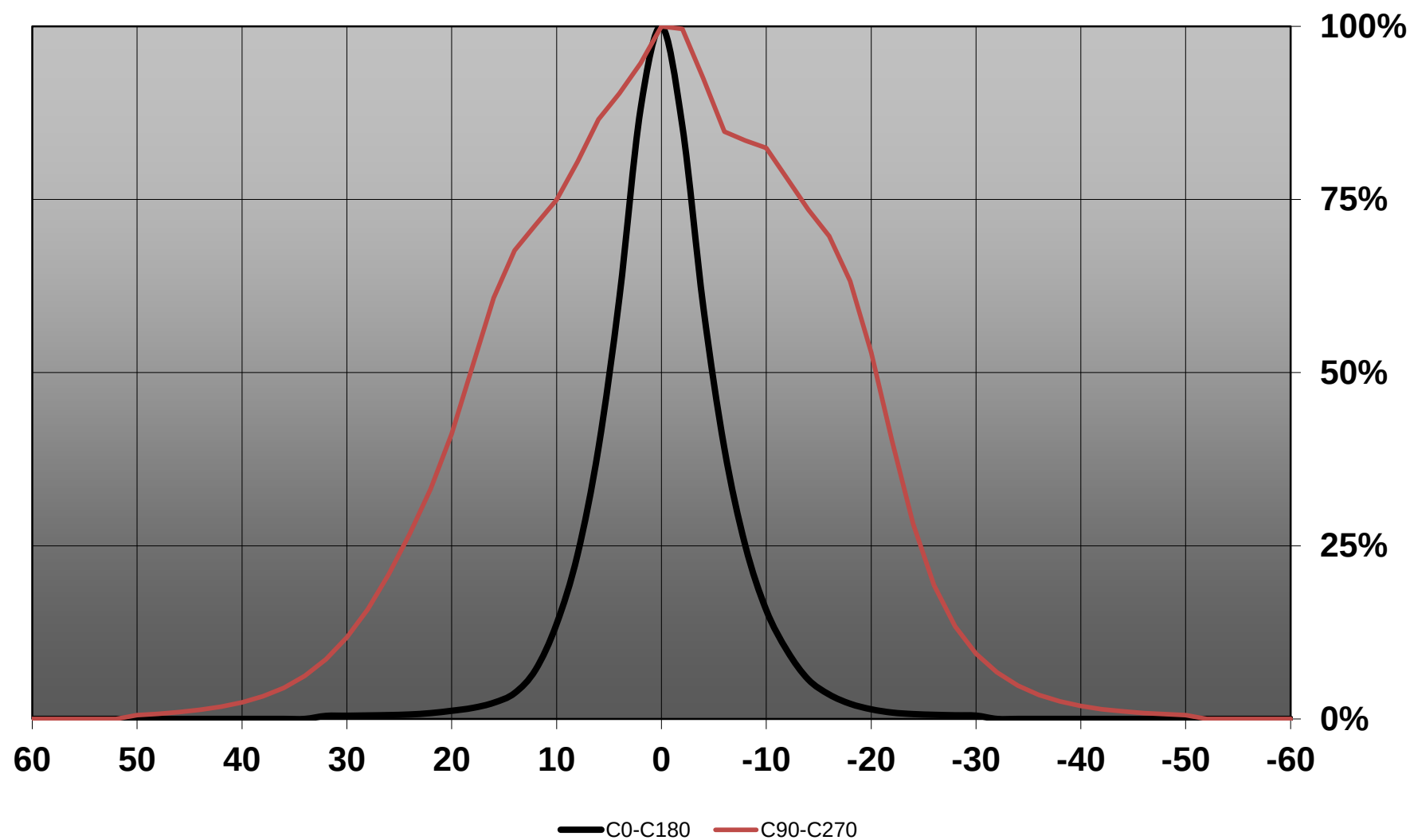
Relative intensity of CA11929_LR2-RS_(Luxeon Z-ES)



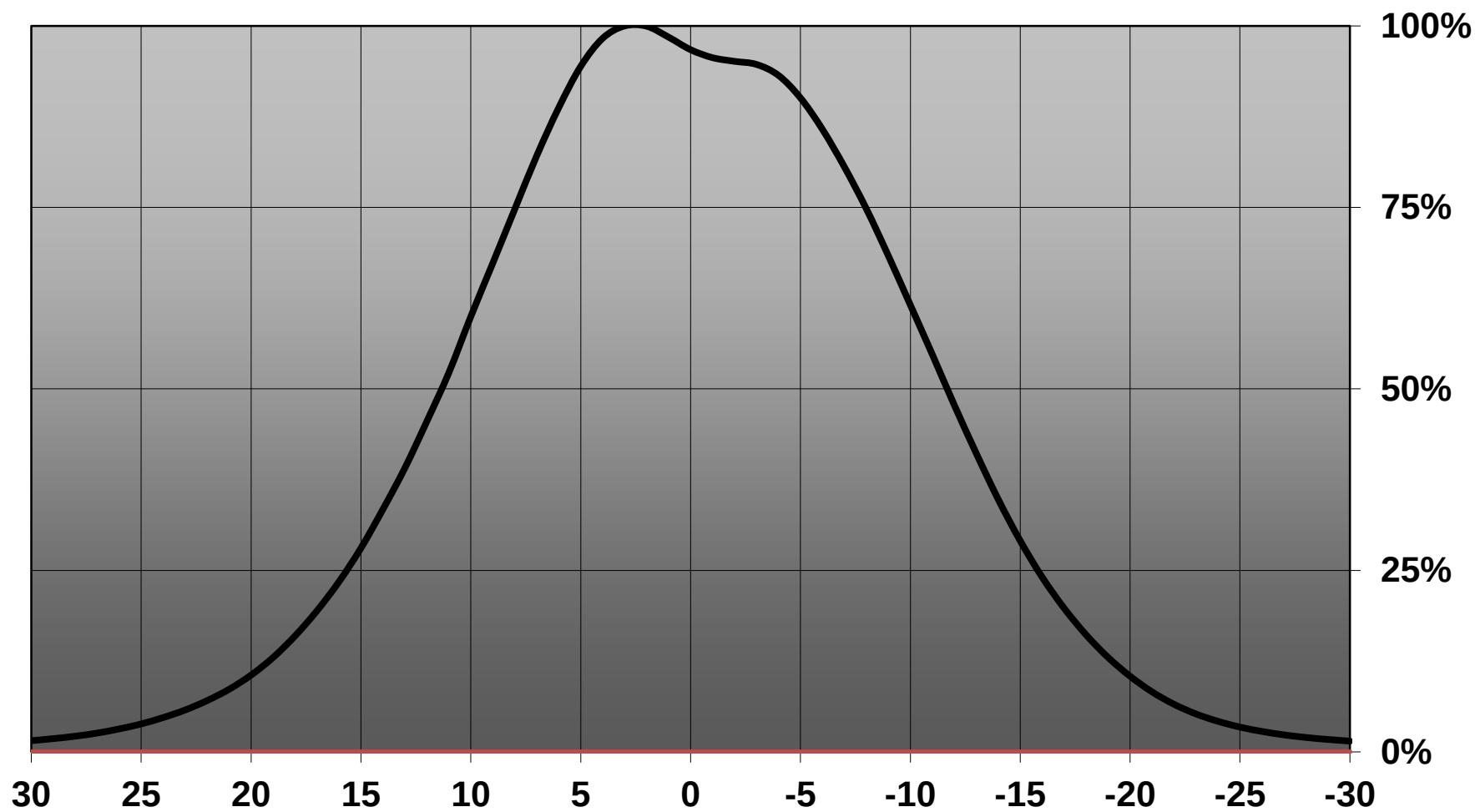
Relative intensity of CA11930_LR2-D_(Luxeon Z ES)

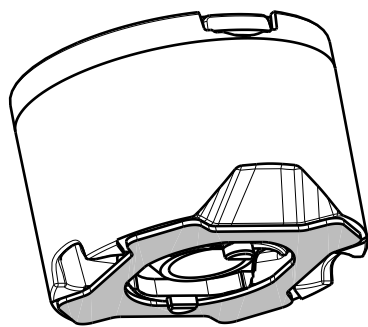


Relative intensity of CA12629_LR2-O-90_(Luxeon Z ES)

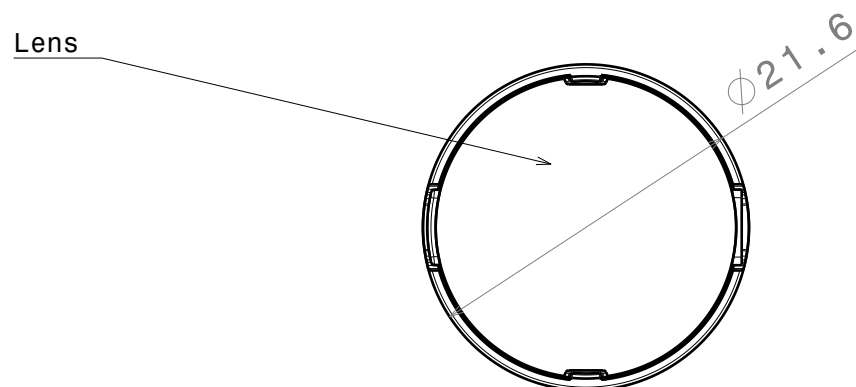
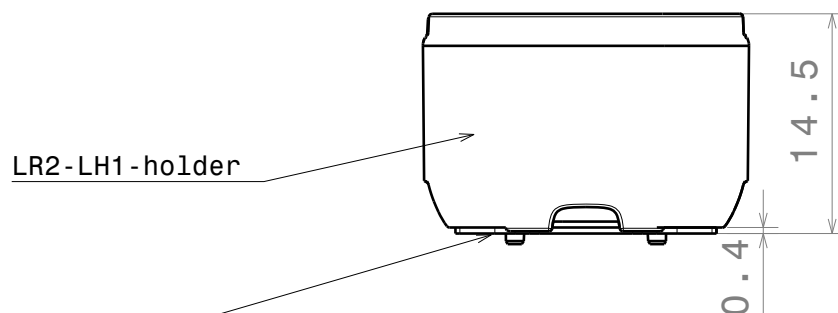
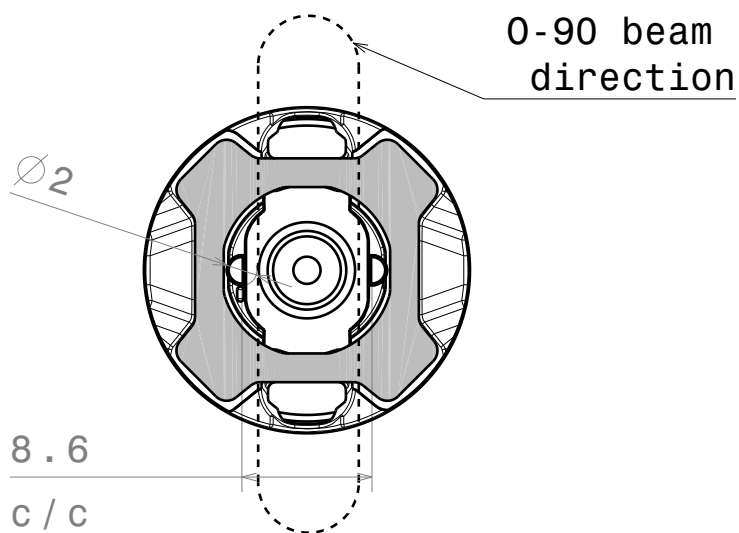


Relative intensity of CA11931_LR2-M_(Luxeon Z ES)





Isometric view



Materials:
 Lens: PMMA
 Holder: PC white
 Tape: PU FOAM

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DRAWING TITLE

Datasheet LR2-ES series

DRAWN BY ah	DATE 27.1.2012				
CHECKED BY sn	DATE 27.1.2012	SIZE A4	DRAWING NUMBER	REV 3	
DESIGNED BY pl	DATE 27.08.2010	SCALE 1:1	WEIGHT (g)	SHEET	1 / 1