


Ordering number C13012_FLARE-MAXI-D

Family	Flare	FWHM	14+99 degrees
Type	Lens	Efficiency	94 %
LED	Oslon Square EC	cd/lm	2.000
Color	Clear	Gerber File	Available
Diameter	33.9 + 33.3 mm		
Height	16.7 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	Pin, glue		
Status	Ready		

Ordering number C12763_FLARE-MINI-A

Family	Flare	FWHM	20+90 degrees
Type	Lens	Efficiency	94 %
LED	Oslon Square EC	cd/lm	1.250
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 C12837_FLARE-MINI-A-PIN

Family	Flare	FWHM	20+90 degrees
Type	Lens	Efficiency	94 %
LED	Oslon Square EC	cd/lm	1.250
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 C13015_FLARE-MINI-AD

Family	Flare	FWHM	92+21 degrees
Type	Lens	Efficiency	94 %
LED	Oslon Square EC	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	92+21 degrees
Type	Lens	Efficiency	94 %
LED	Oslon Square EC	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	92+21 degrees
Type	Assembly	Efficiency	94 %
LED	Oslon Square EC	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	92+21 degrees
Type	Assembly	Efficiency	94 %
LED	Oslon Square EC	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



Ordering number	CA10932		
Description	1		
Family	Flare	FWHM	12+104 degrees
Type	Assembly	Efficiency	(simulated) 0 %
LED	Oslon Square EC	cd/lm	-
Color	Clear	Gerber File	Available
Diameter	29 x 22.8 mm		
Height	12.84 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	-		
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.



PRODUCT DATASHEET Flare series

last update 16/11/2012



GENERAL INFORMATION

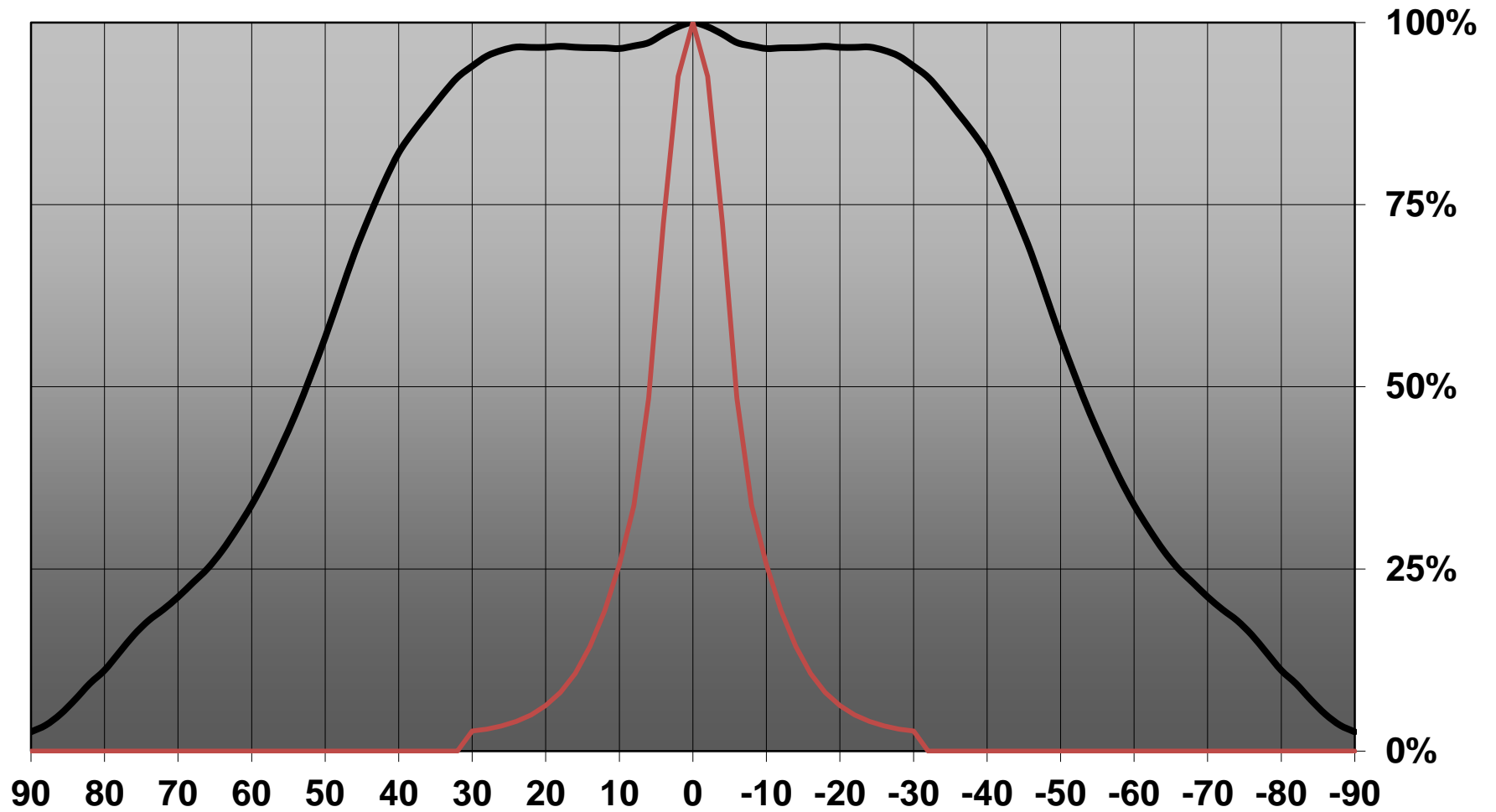
- Product series especially designed & optimized for Oslon Square EC series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PMMA with high UV and temperature resistance. Allows use of high current and temperature conditions.

Please find more information about used material from below:

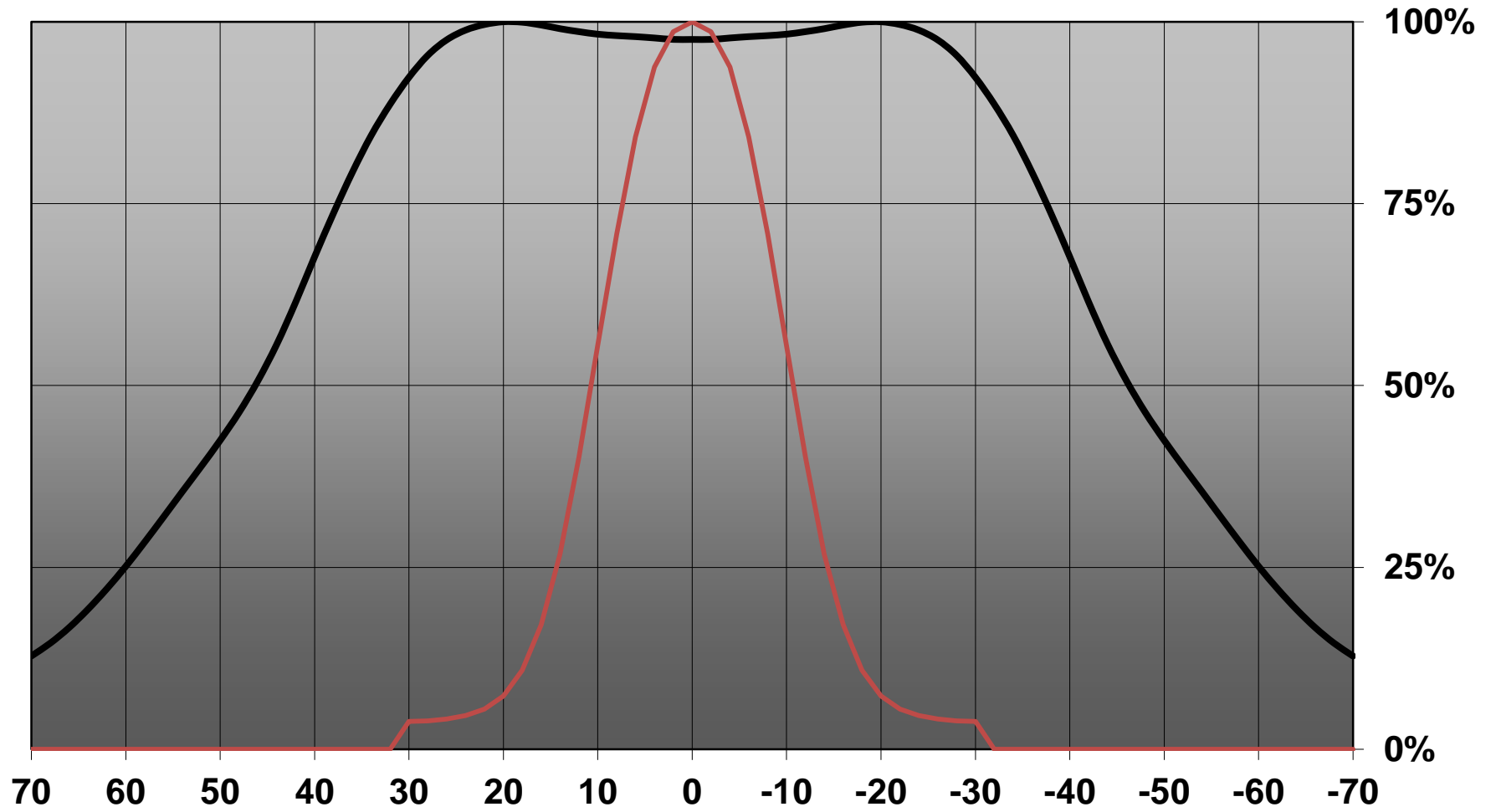
http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94_Yellow%20Card.pdf

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

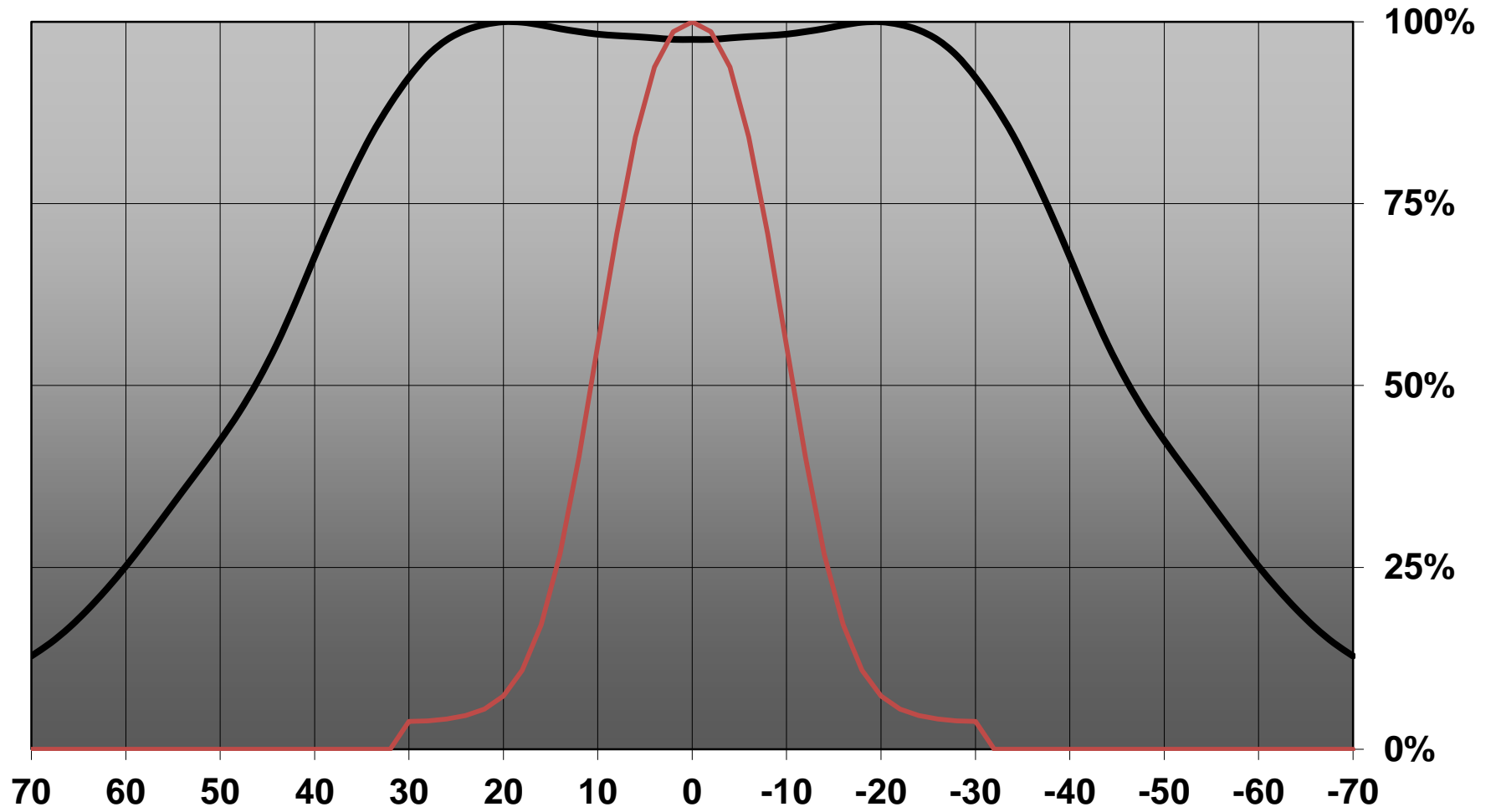
Relative intensity of CA10932_FLARE-B (Oslon Square EC)



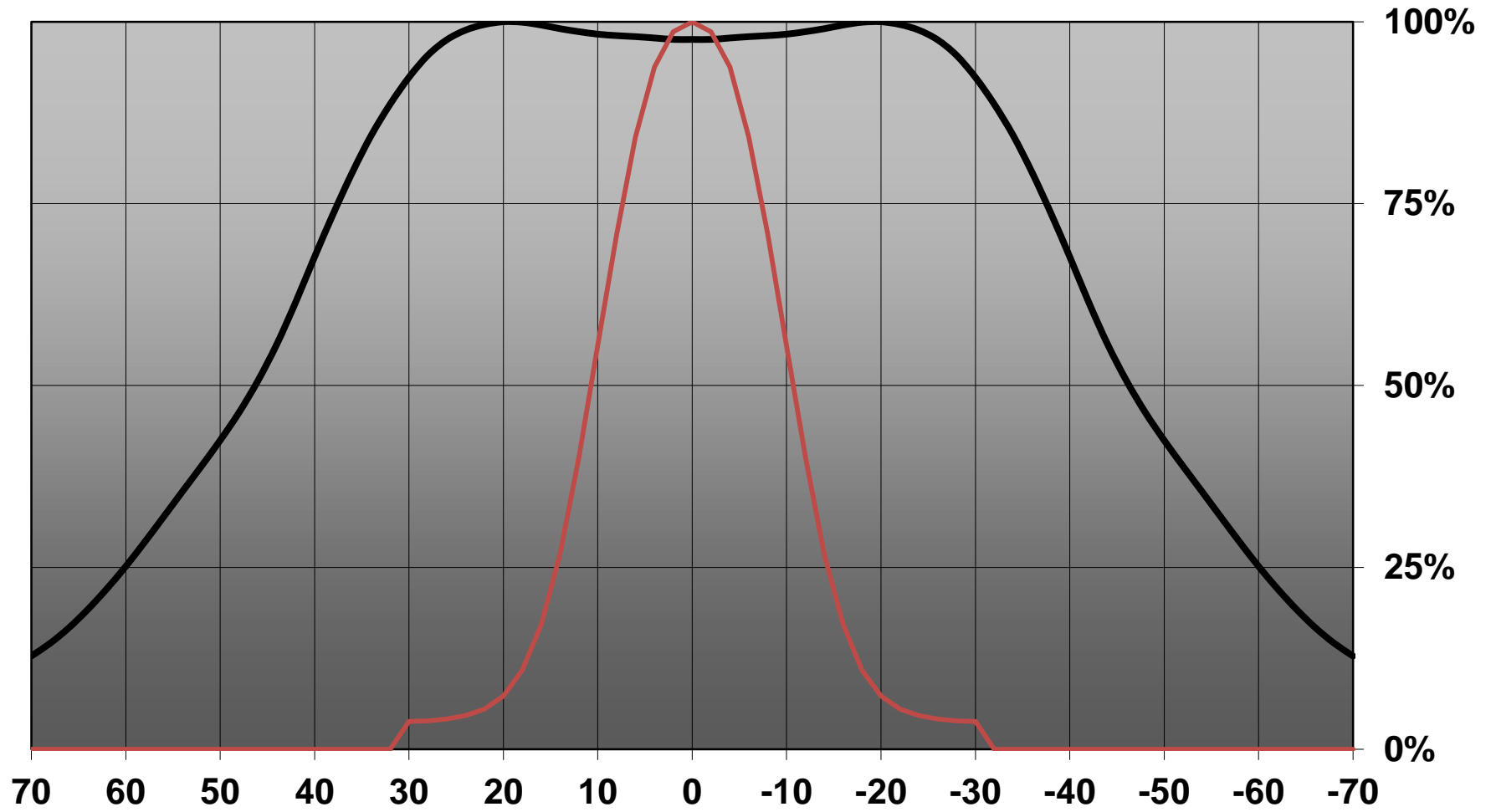
Relative intensity of CA13057&CA13058_FLARE-MINI-AD-SQEC



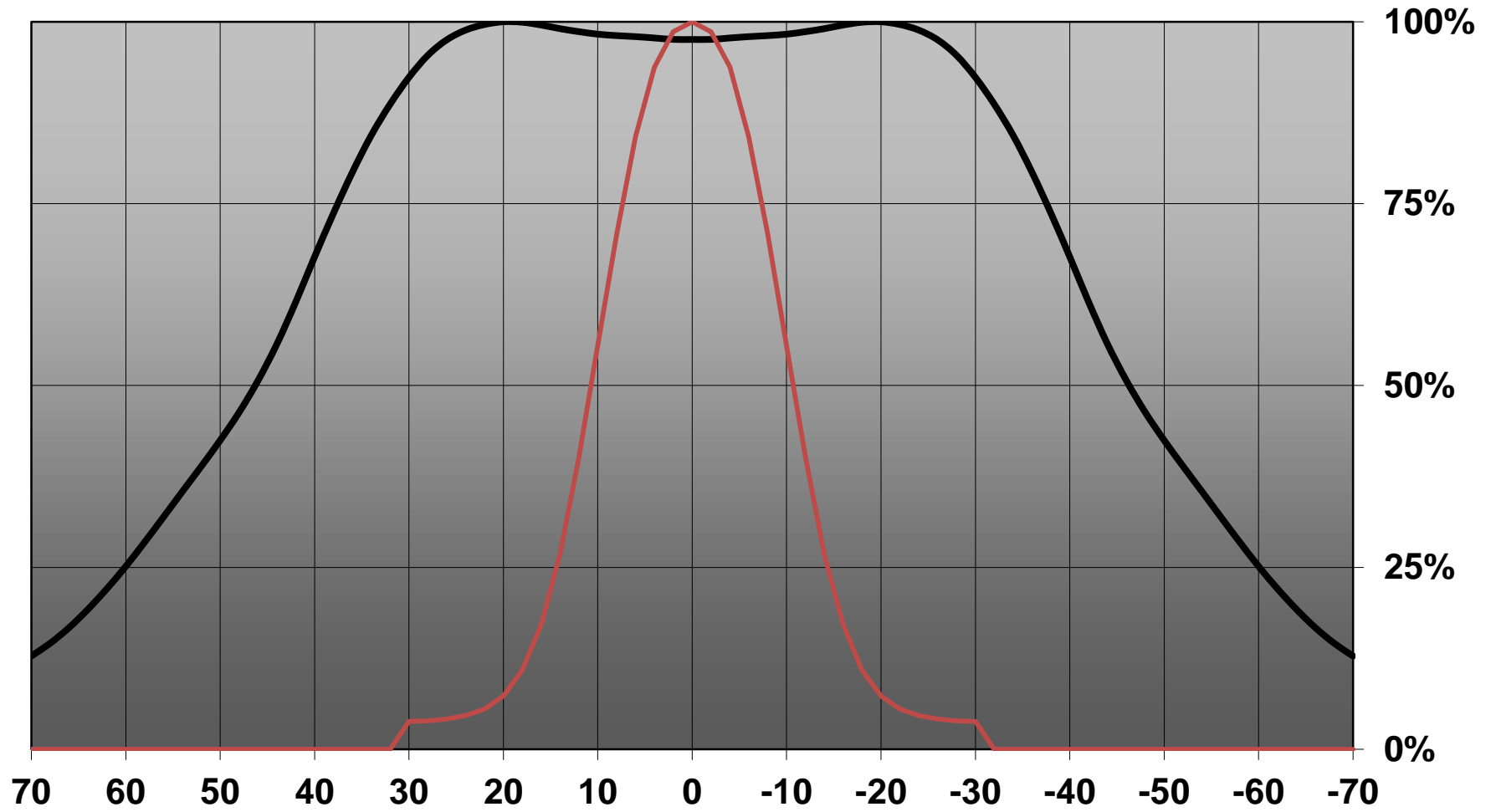
Relative intensity of CA13057&CA13058_FLARE-MINI-AD-SQEC



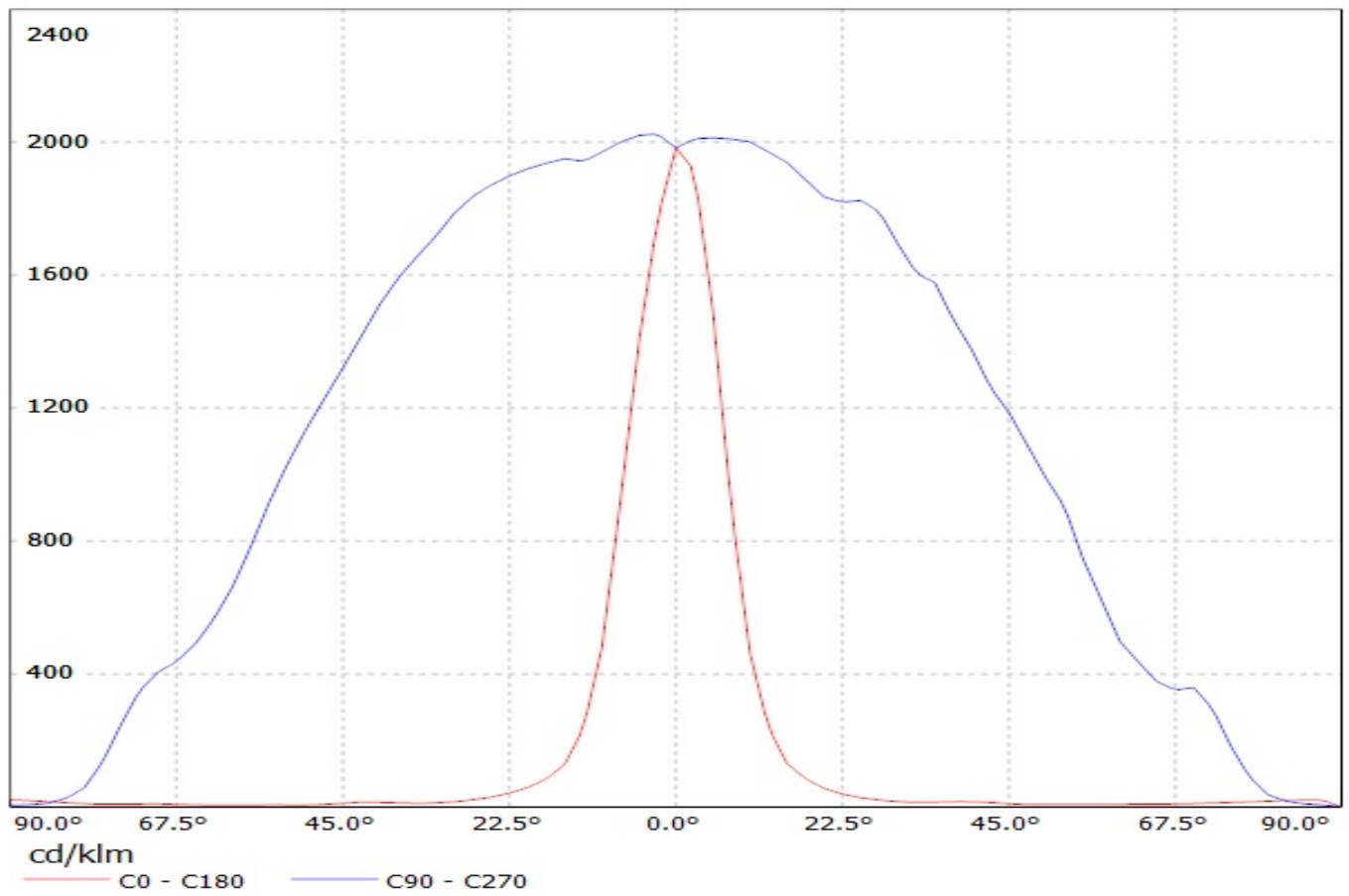
Relative intensity of CA13057&CA13058_FLARE-MINI-AD-SQEC



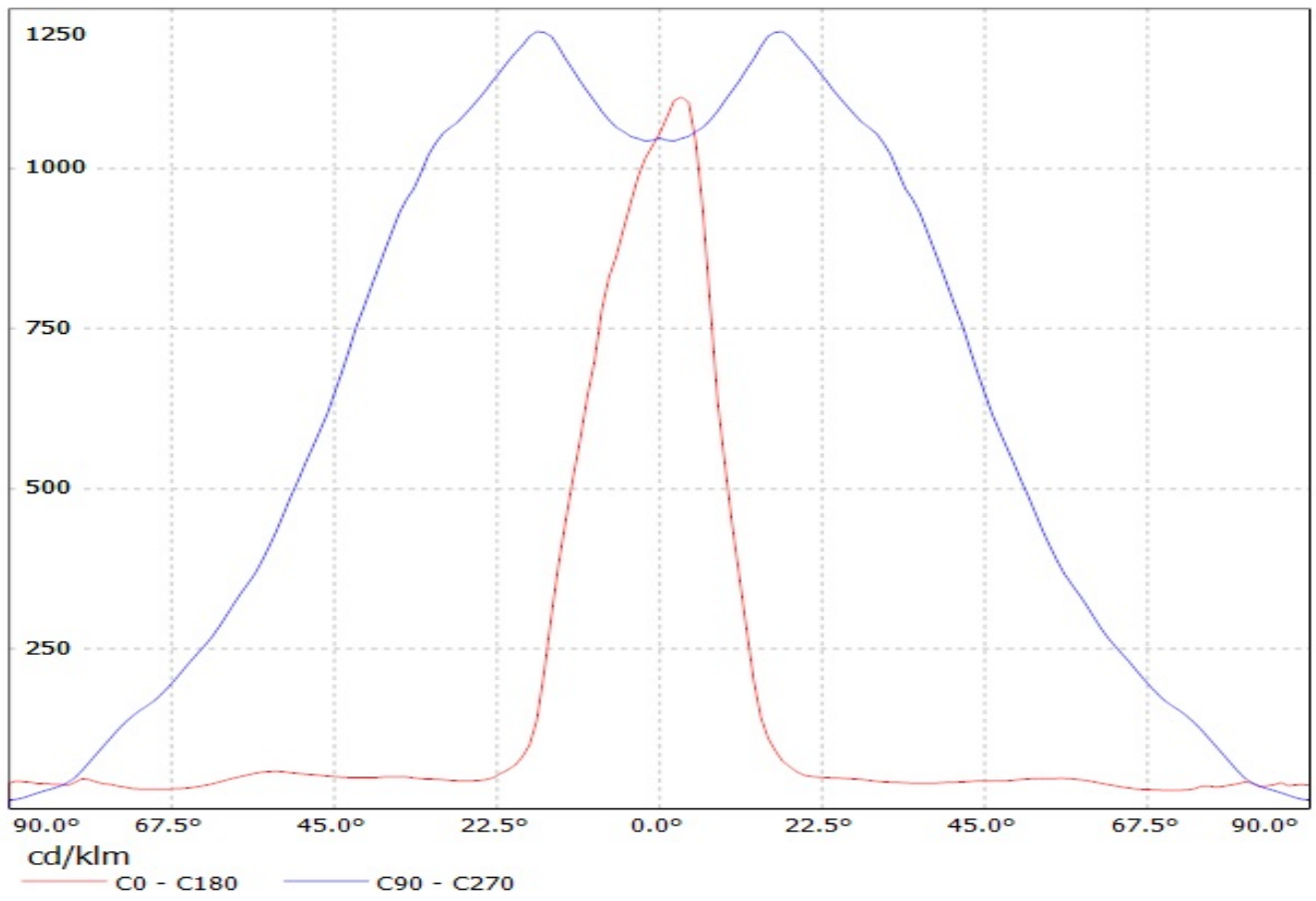
Relative intensity of CA13057&CA13058_FLARE-MINI-AD-SQEC



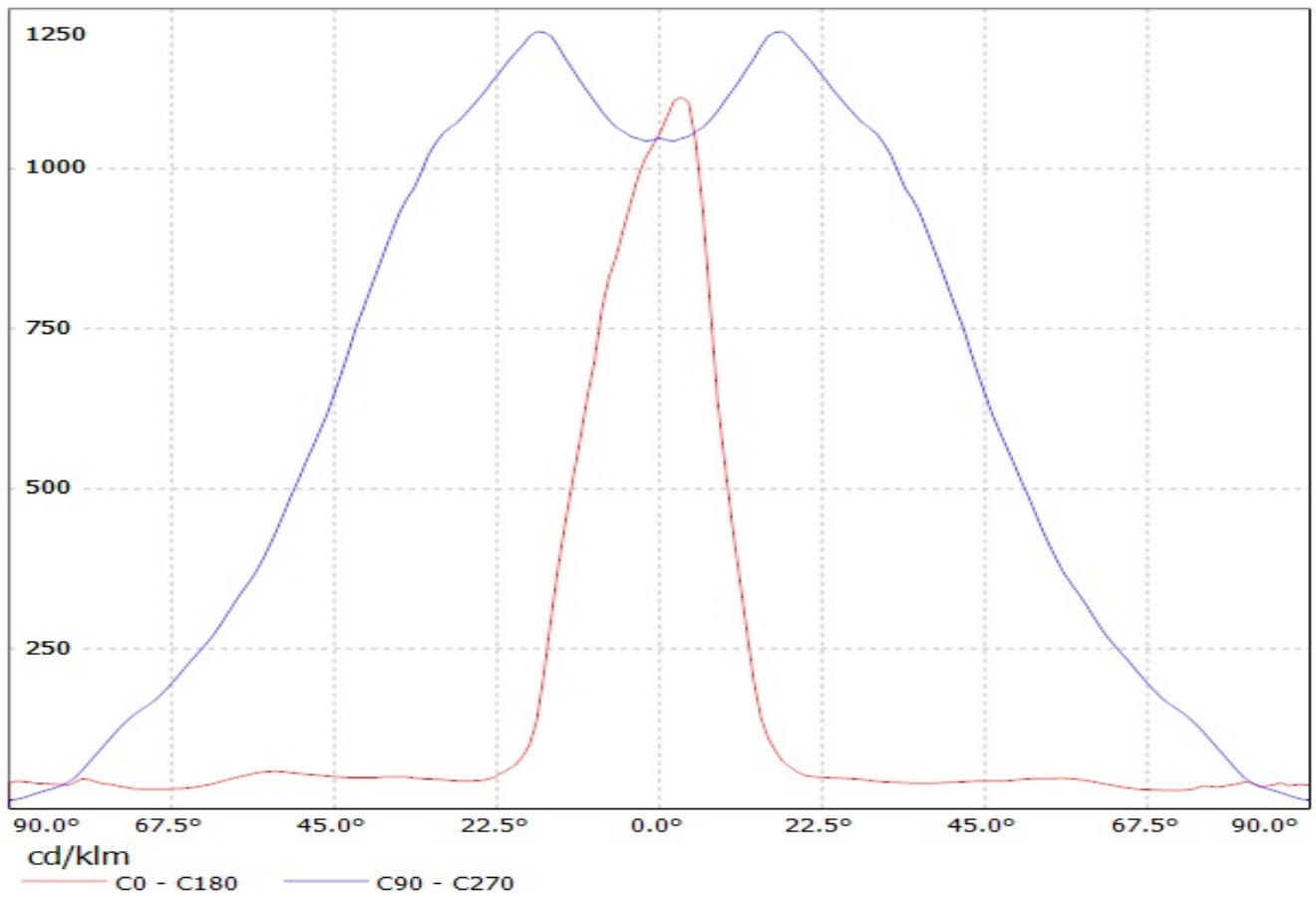
Luminaire: Ledil Oy C13012_FLARE-MAXI-D (Osam Square EC 66lm @250mA) Efficiency=94%
Lamps: 1 x Osam Square EC 66lm @250mA



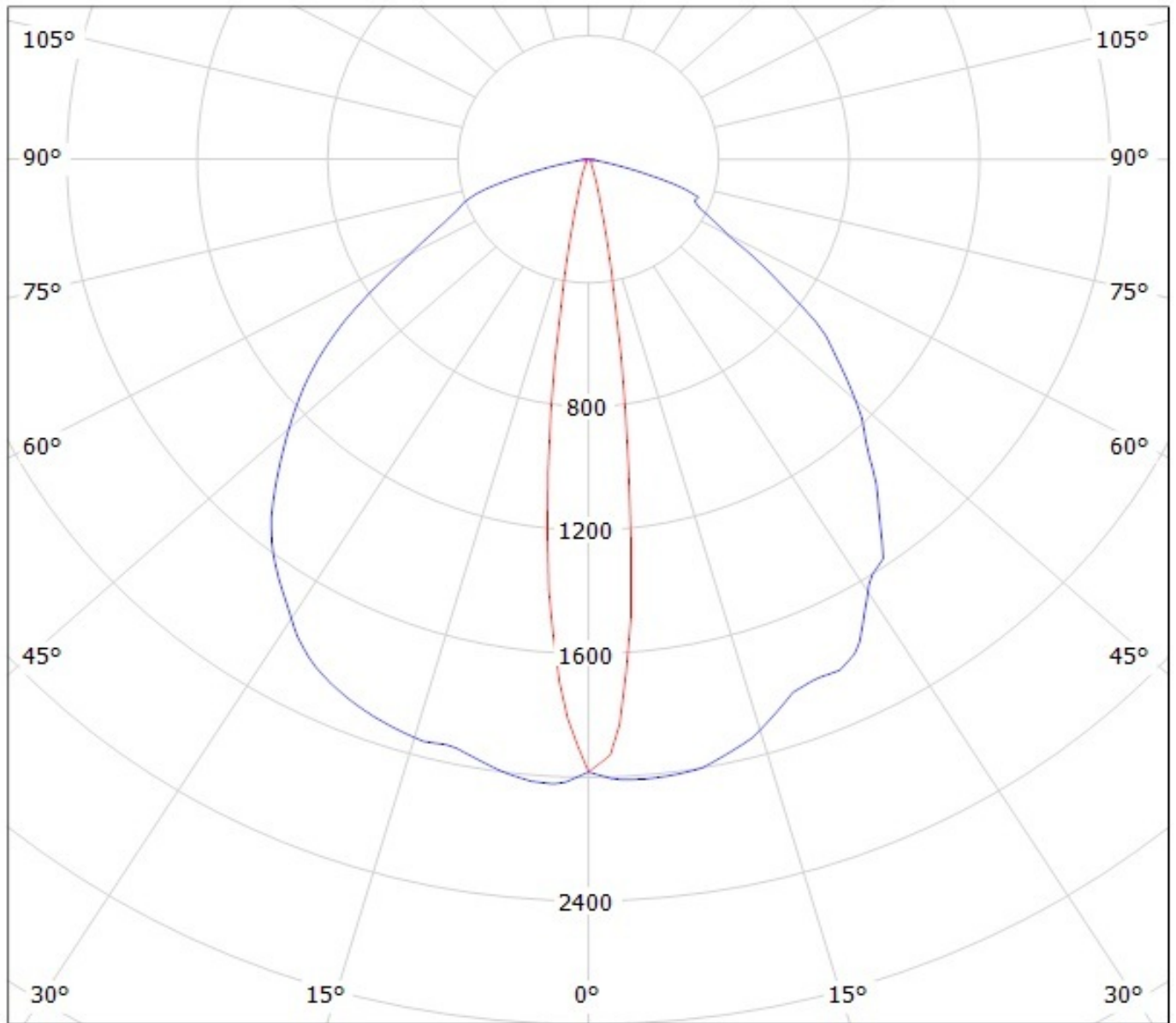
Luminaire: LEDIL OY C12763 & C12837_FLARE-MINI-A (SQ EC) Efficiency=94%
Lamps: 1 x Osram Oslon Square EC (69lm@250mA)



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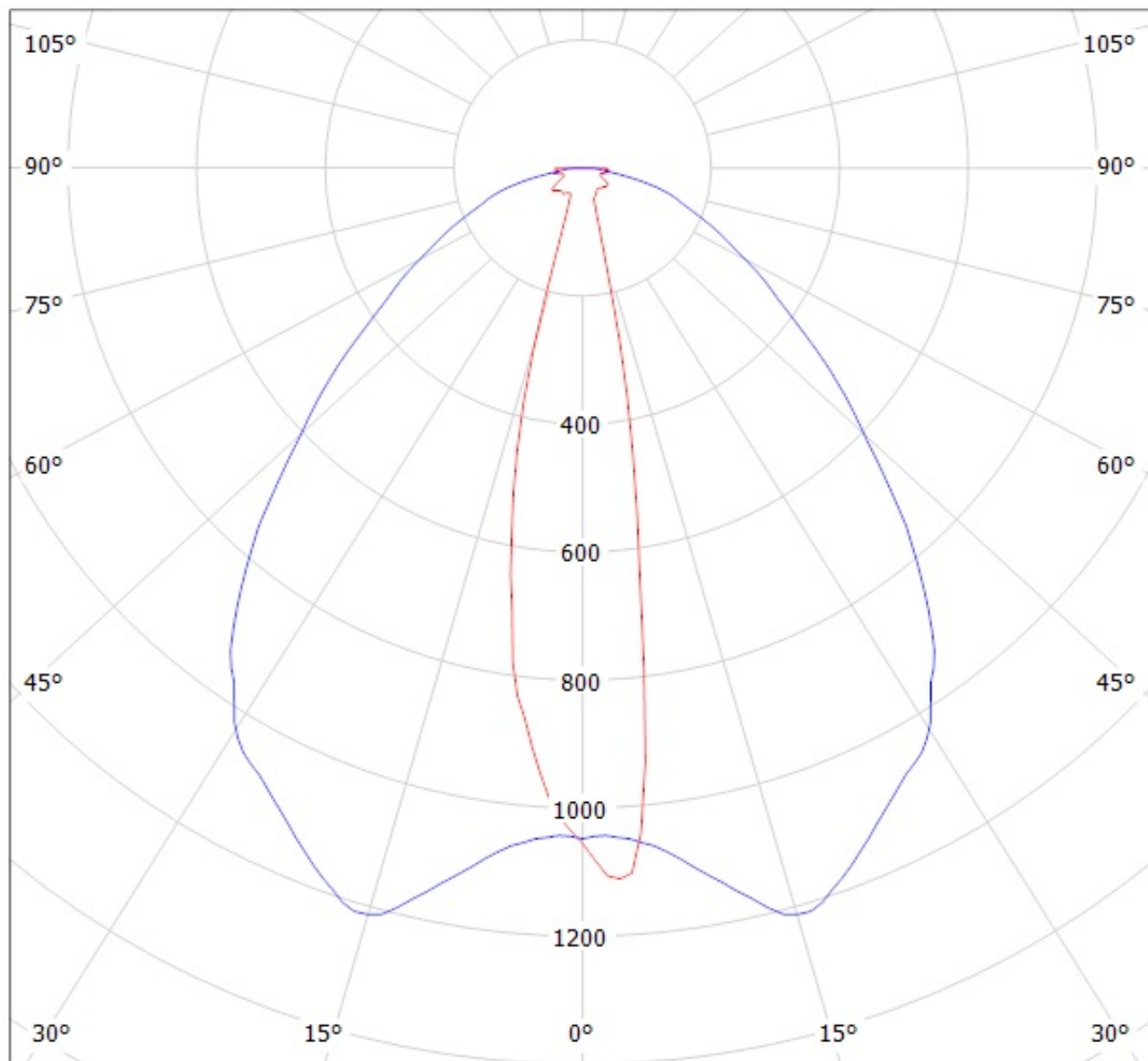
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cd/klm

— C0 - C180 — C90 - C270

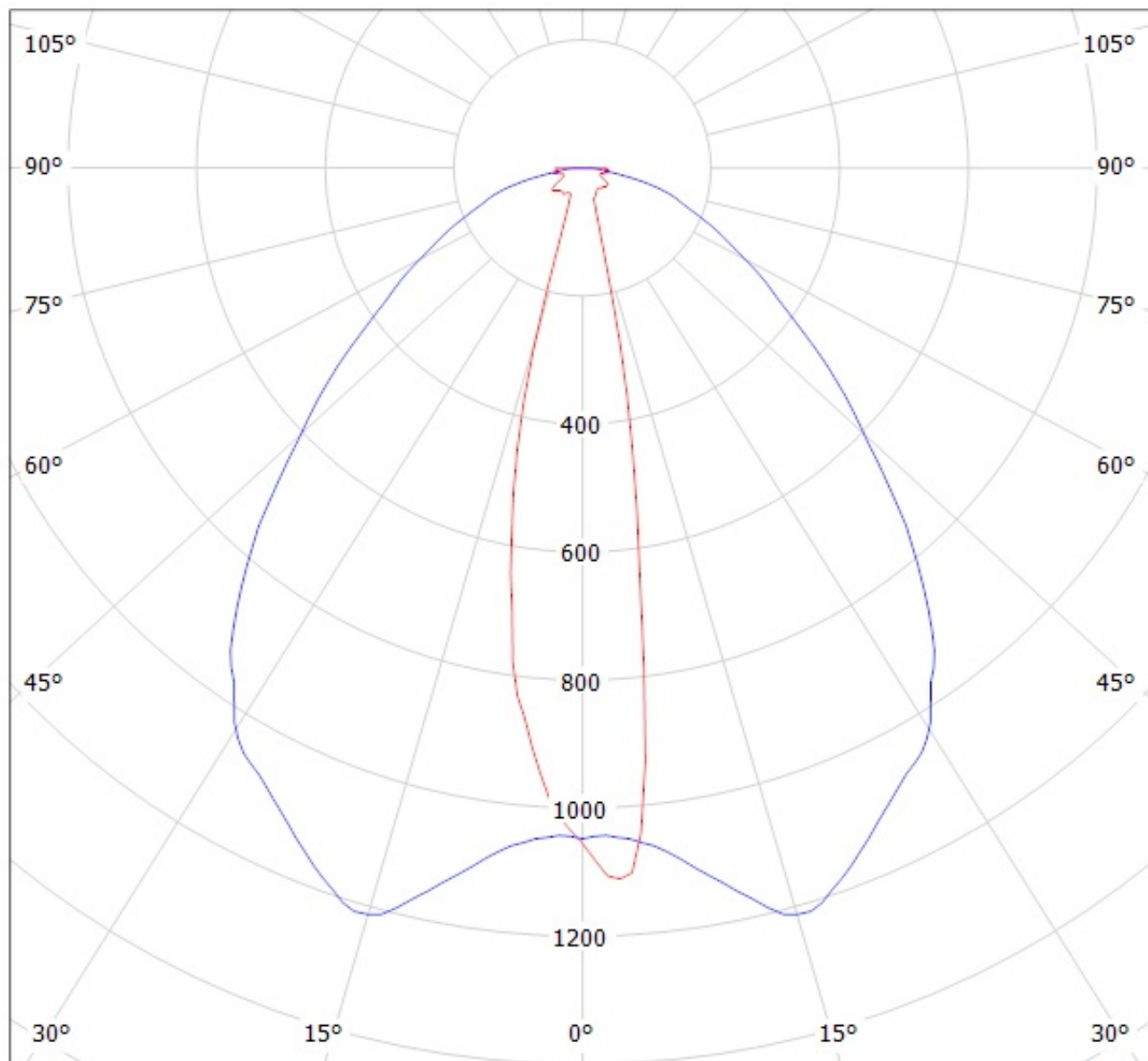
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cd/klm

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