

**Ordering number C13012_FLARE-MAXI-D**

Family	Flare	FWHM	13+116 degrees
Type	Lens	Efficiency	94 %
LED	NVSxx19B	cd/lm	1.700
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 C12868_FLARE-MAXI

Family	Flare	FWHM	98+11 degrees
Type	Lens	Efficiency	94 %
LED	NVSxx19B	cd/lm	2.400
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		

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 20/2/2013



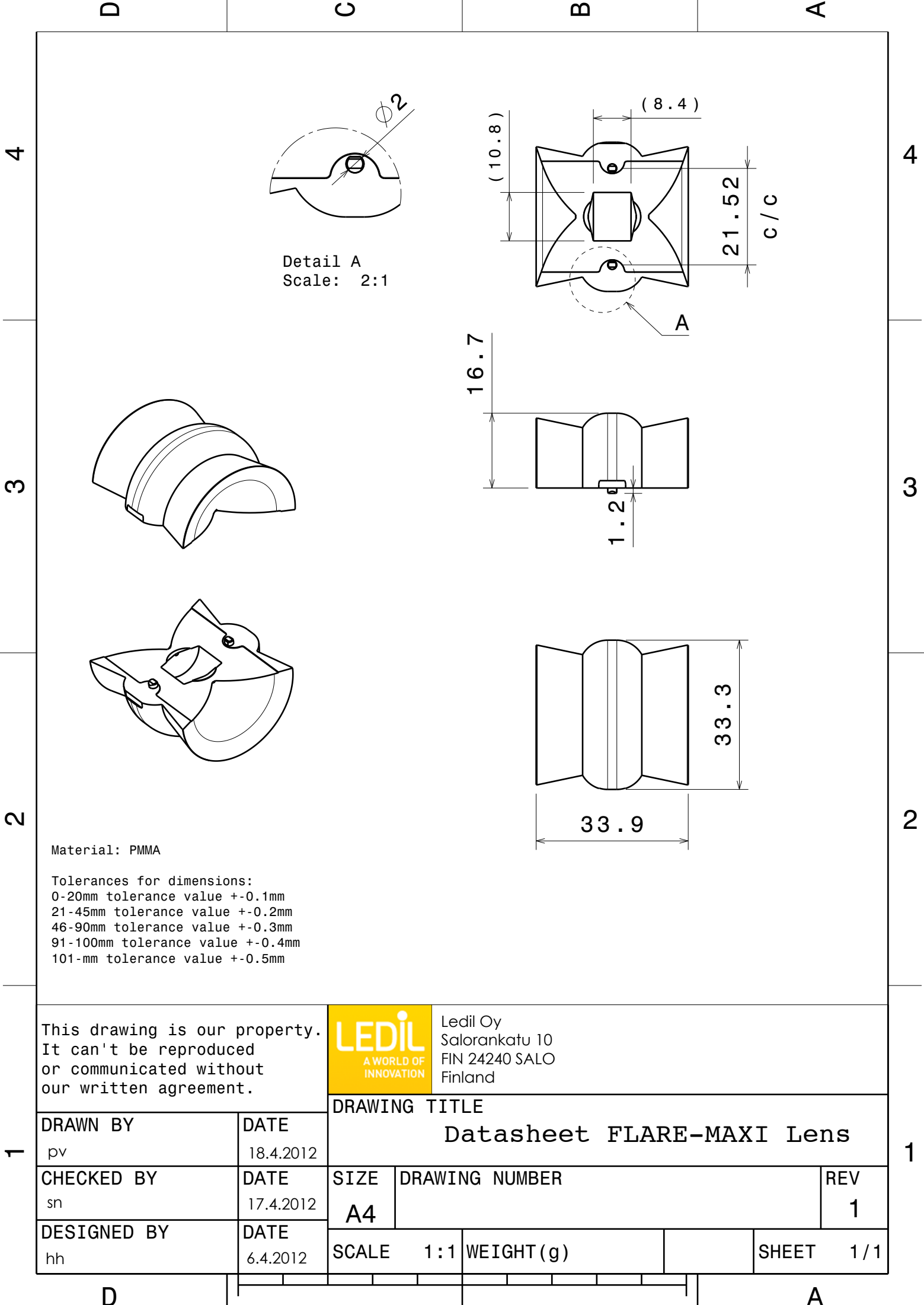
GENERAL INFORMATION

- Product series especially designed & optimized for NVSxx19B 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>



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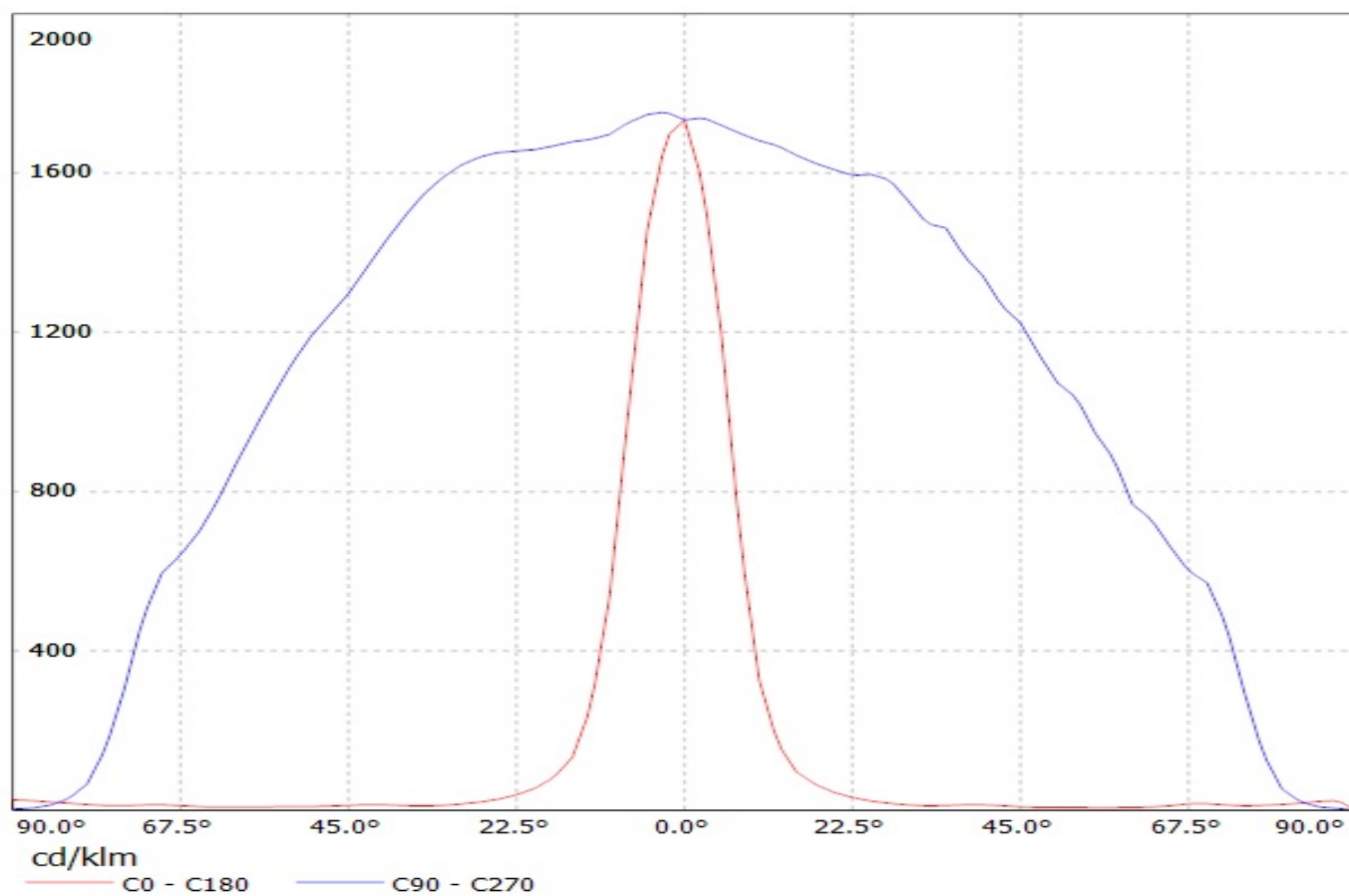
Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE
Datasheet FLARE-MAXI Lens

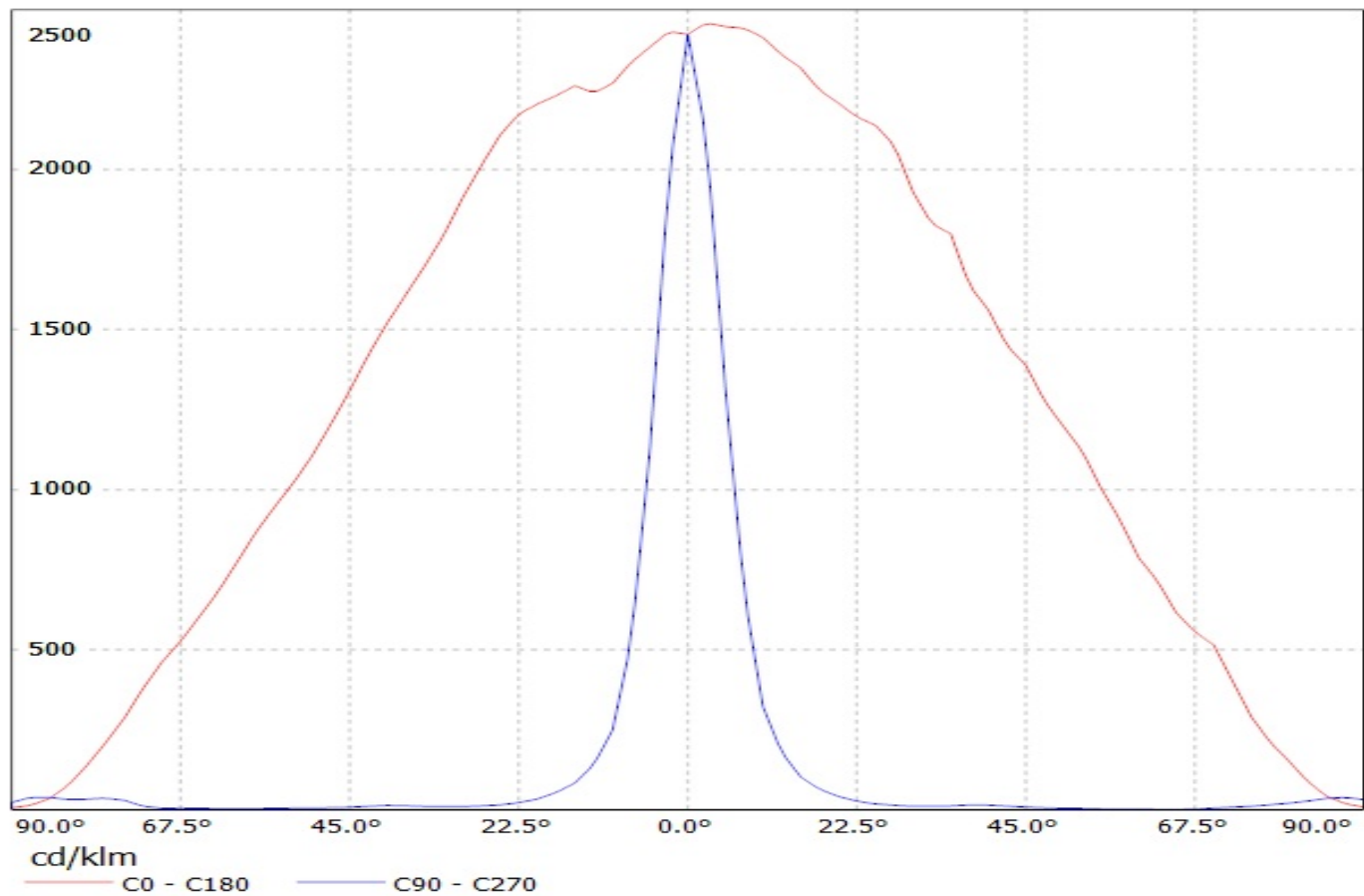
DRAWN BY pv	DATE 18.4.2012
CHECKED BY sn	DATE 17.4.2012
DESIGNED BY hh	DATE 6.4.2012

SIZE A4	DRAWING NUMBER	REV 1
SCALE 1 : 1	WEIGHT (g)	SHEET 1 / 1

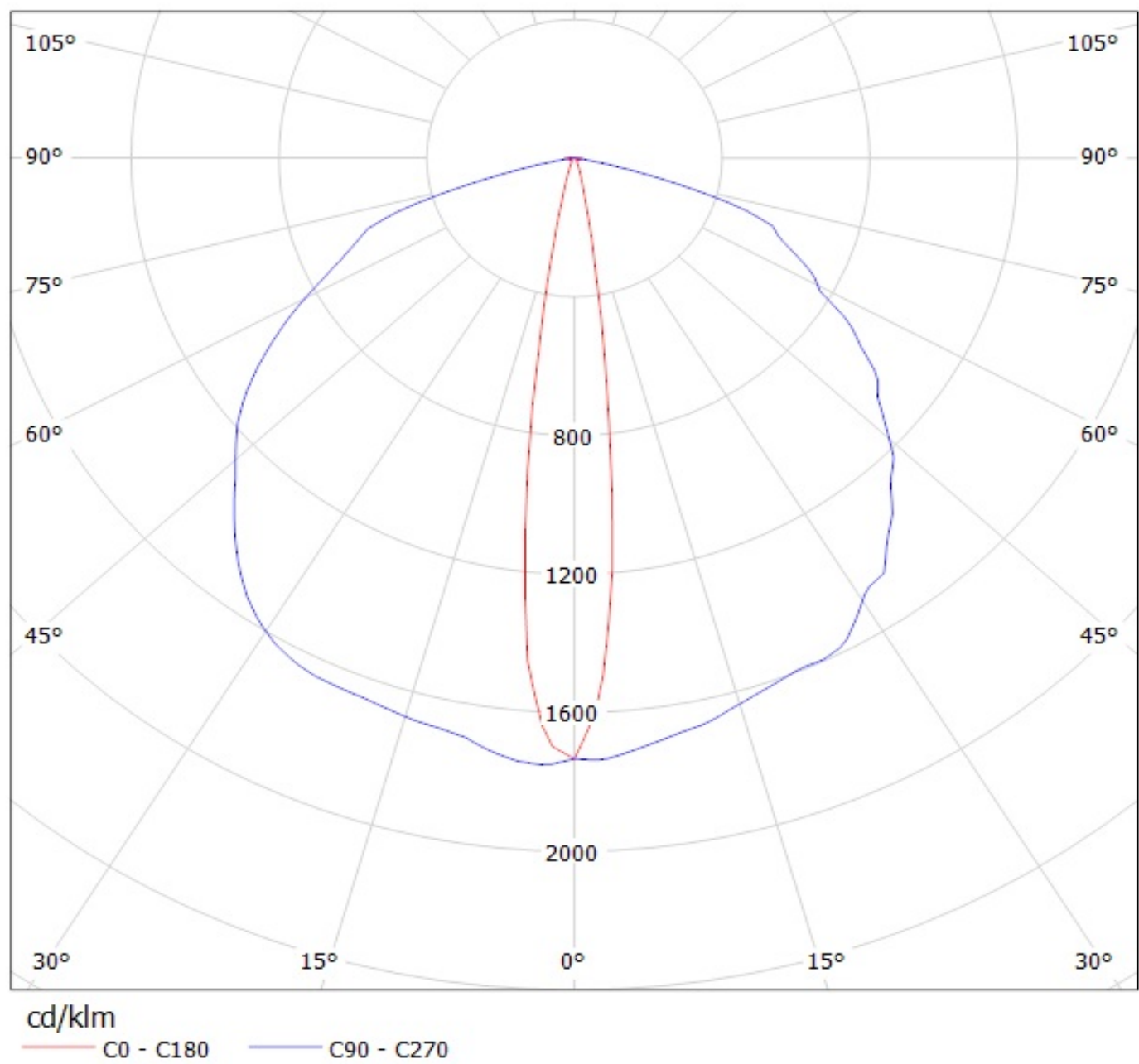
Luminaire: Ledil Oy C13012_FLARE-MAXI-D (Nichia 219B 103lm @ 250mA) Efficiency=94%
Lamps: 1 x Nichia 219B 103lm @ 250mA



Luminaire: Ledil Oy C12868_FLARE-MAXI (Nichia 219B 109lm @ 250mA) Efficiency=94%
Lamps: 1 x Nichia 219B 109lm @ 250mA



Luminaire: Ledil Oy C13012_FLARE-MAXI-D (Nichia 219B 103lm @ 250mA) Efficiency=94%
Lamps: 1 x Nichia 219B 103lm @ 250mA



Luminaire: Ledil Oy C12868_FLARE-MAXI (Nichia 219B 109lm @ 250mA) Efficiency=94%
Lamps: 1 x Nichia 219B 109lm @ 250mA

