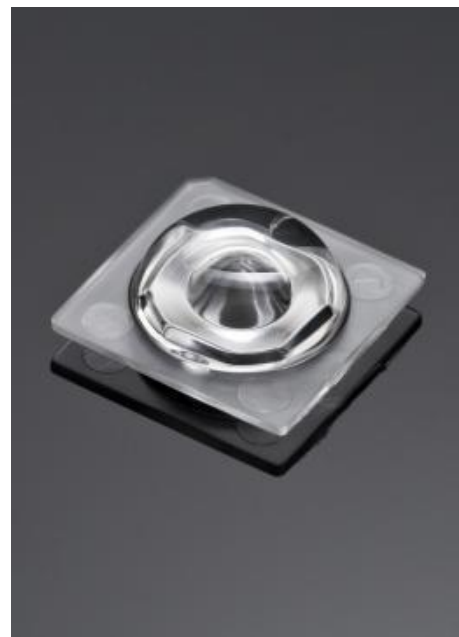


DETAILS

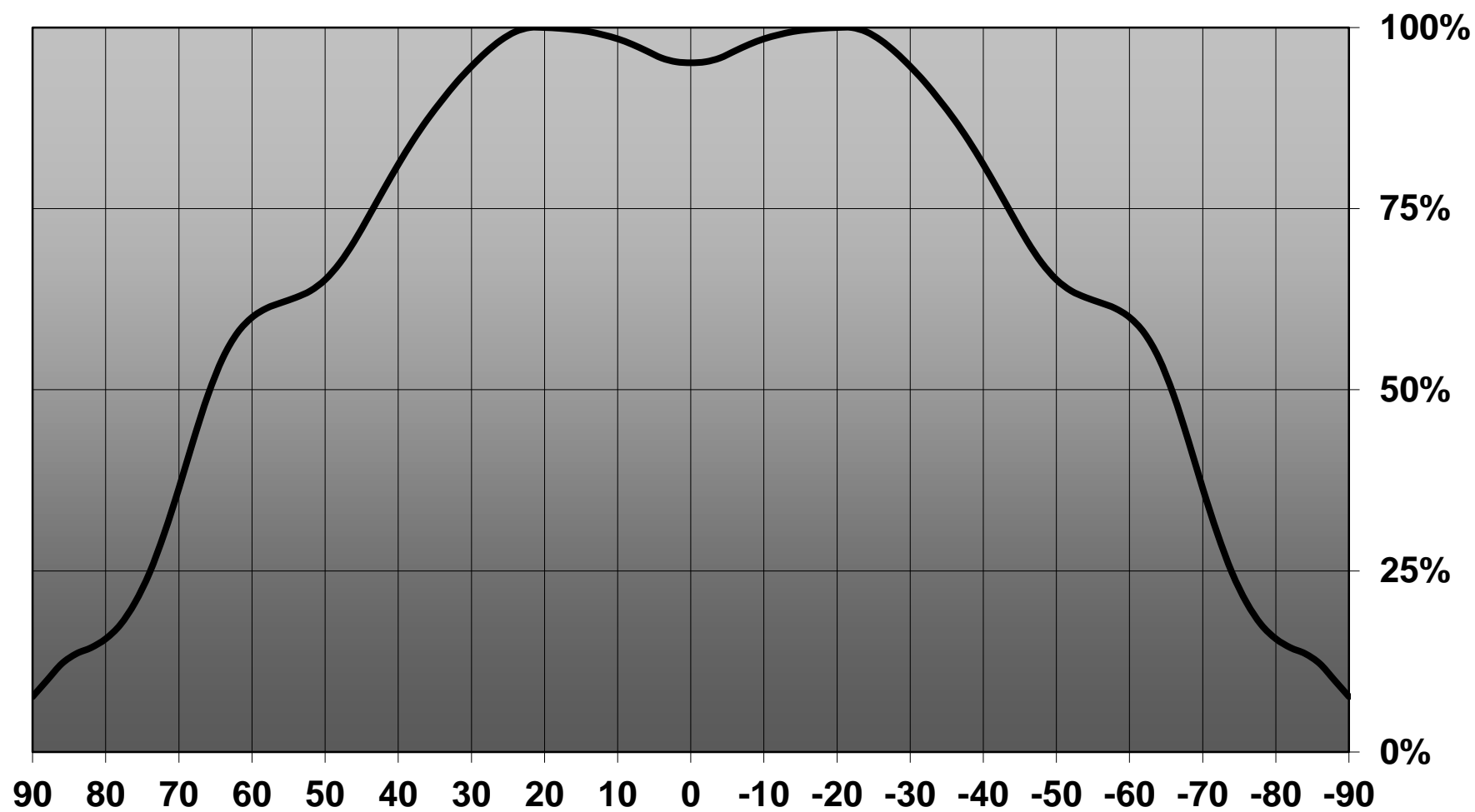
Product Number	CA13014_SIRI-DIFF
Family	Siri
Type	Assembly
Color	
Diameter	13,9 + 13,9 mm
Height	5,3 mm
Style	square
Optic Material	PMMA
Holder Material	
Fastening	tape
Status	ready
ROHS Compliant	Yes
Date Updated	22/05/2014



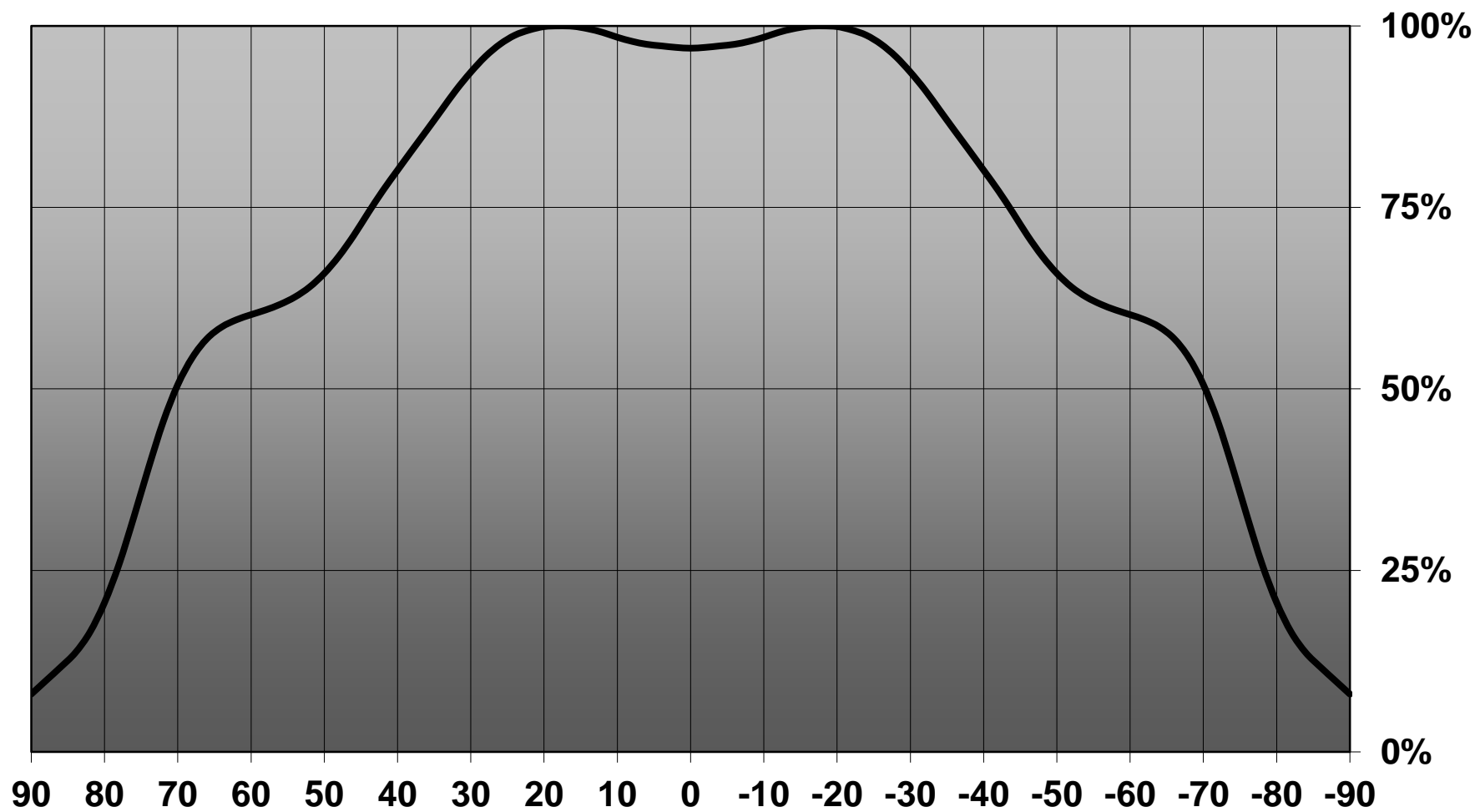
OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	connector
Oslon Square EC	132 degrees		-	(simulated) 0.000	-
NS9x383	139 degrees		94 %	0.250	-
XP-G2	140 degrees		96 %	0.260	-
LUXEON A	142 degrees		-	(simulated) 0.000	-
XM-L	144 degrees		96 %	(simulated) 0.000	-
NVSxx19B	146 degrees		96 %	0.220	-
XM-L2	147 degrees		95 %	0.200	-
XT-E	148 degrees		95 %	0.230	-

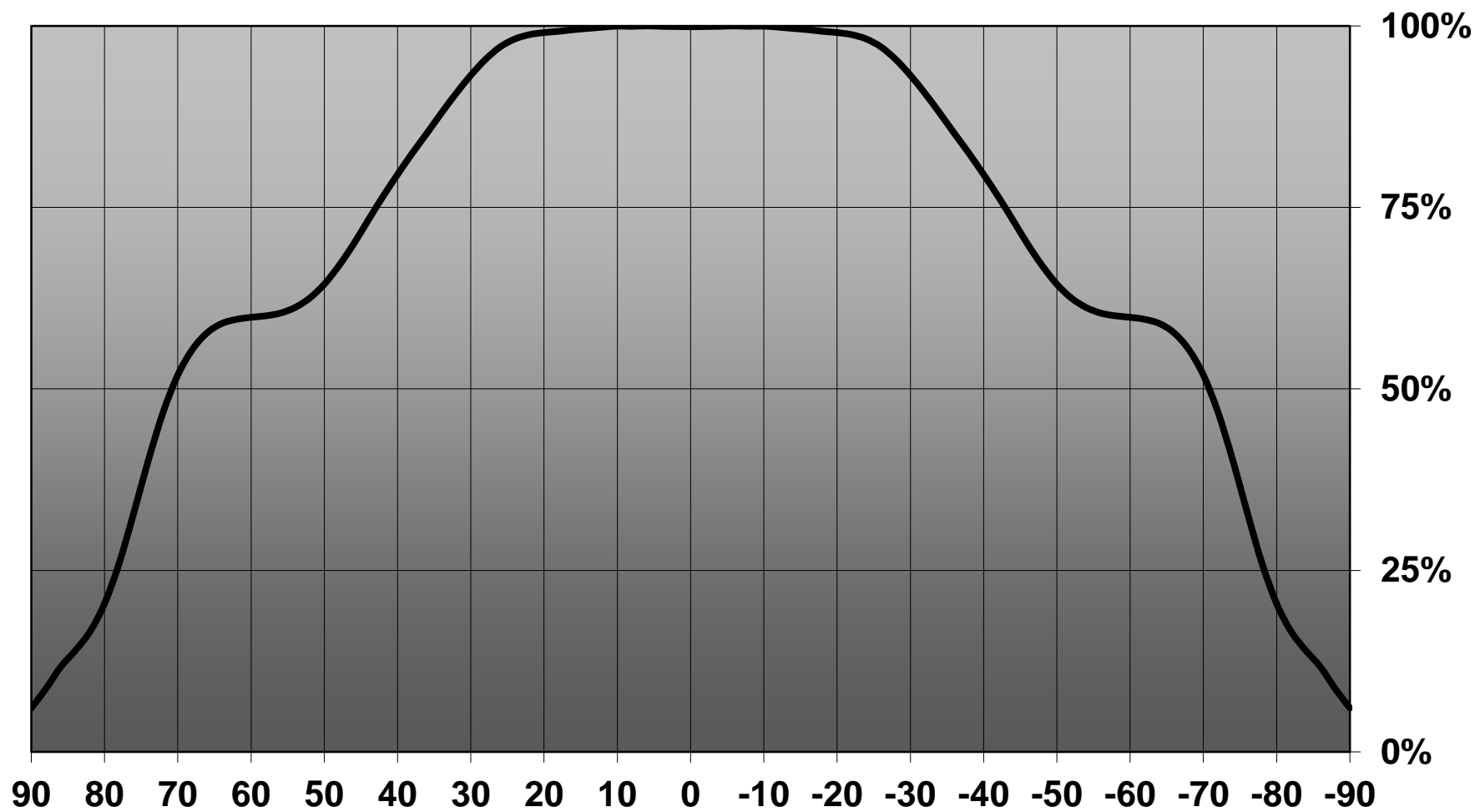
Relative intensity of CA13014_SIRI-DIFF (Oslo Square EC)



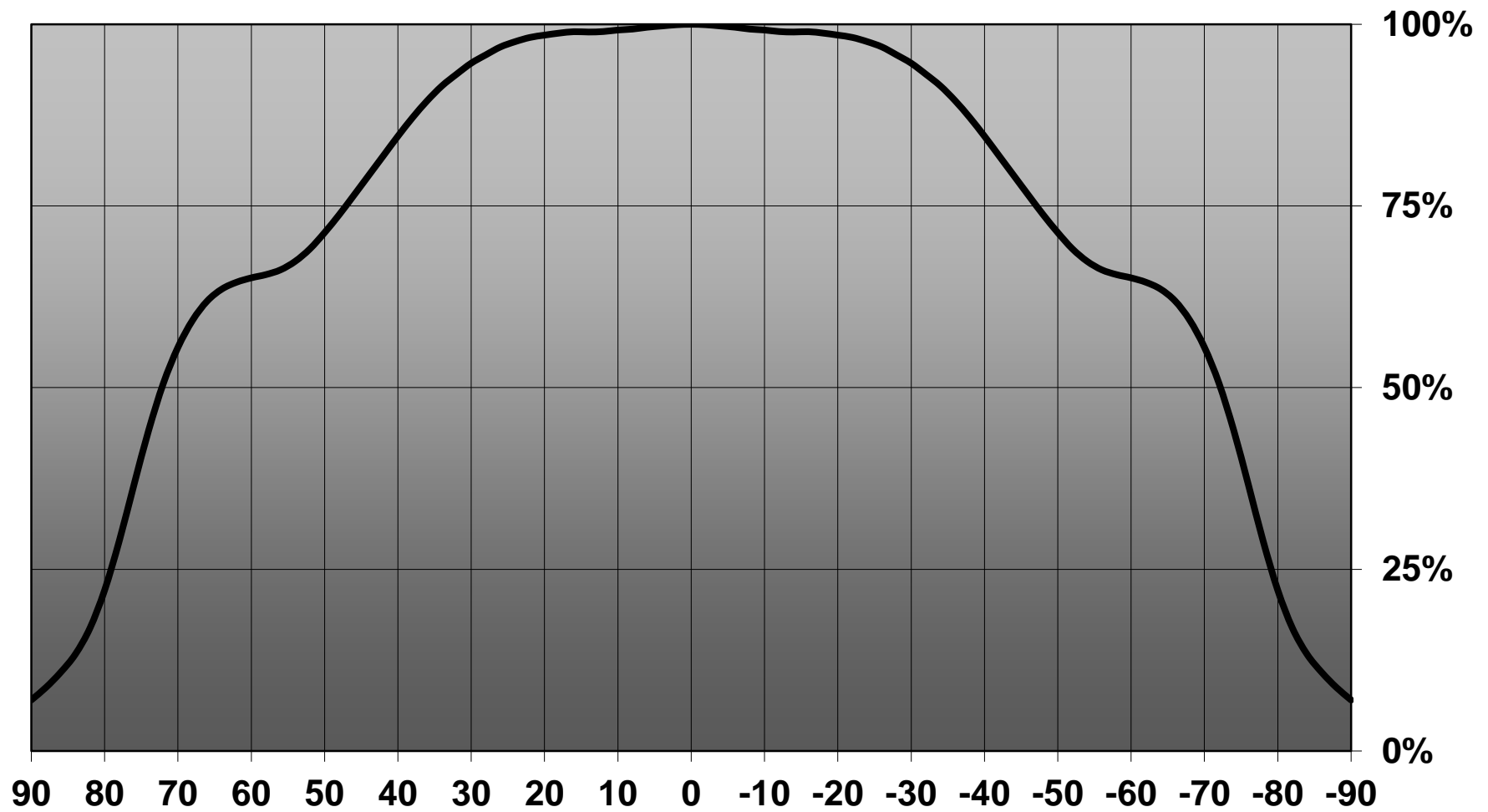
Relative intensity of CA13014_SIRI-DIFF_(XP-G2)



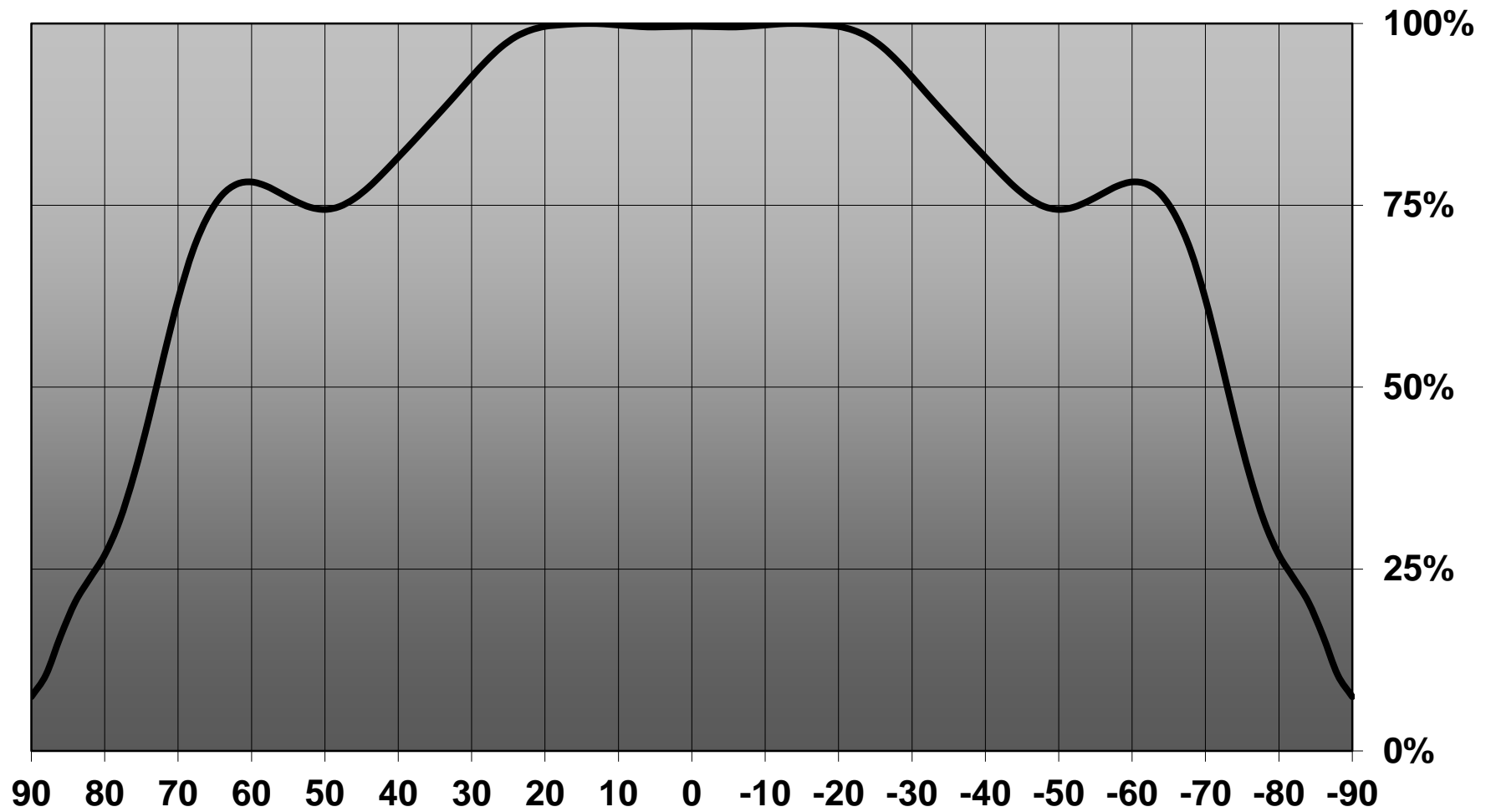
Relative intensity of CA13014_SIRI-DIFF (Luxeon A)



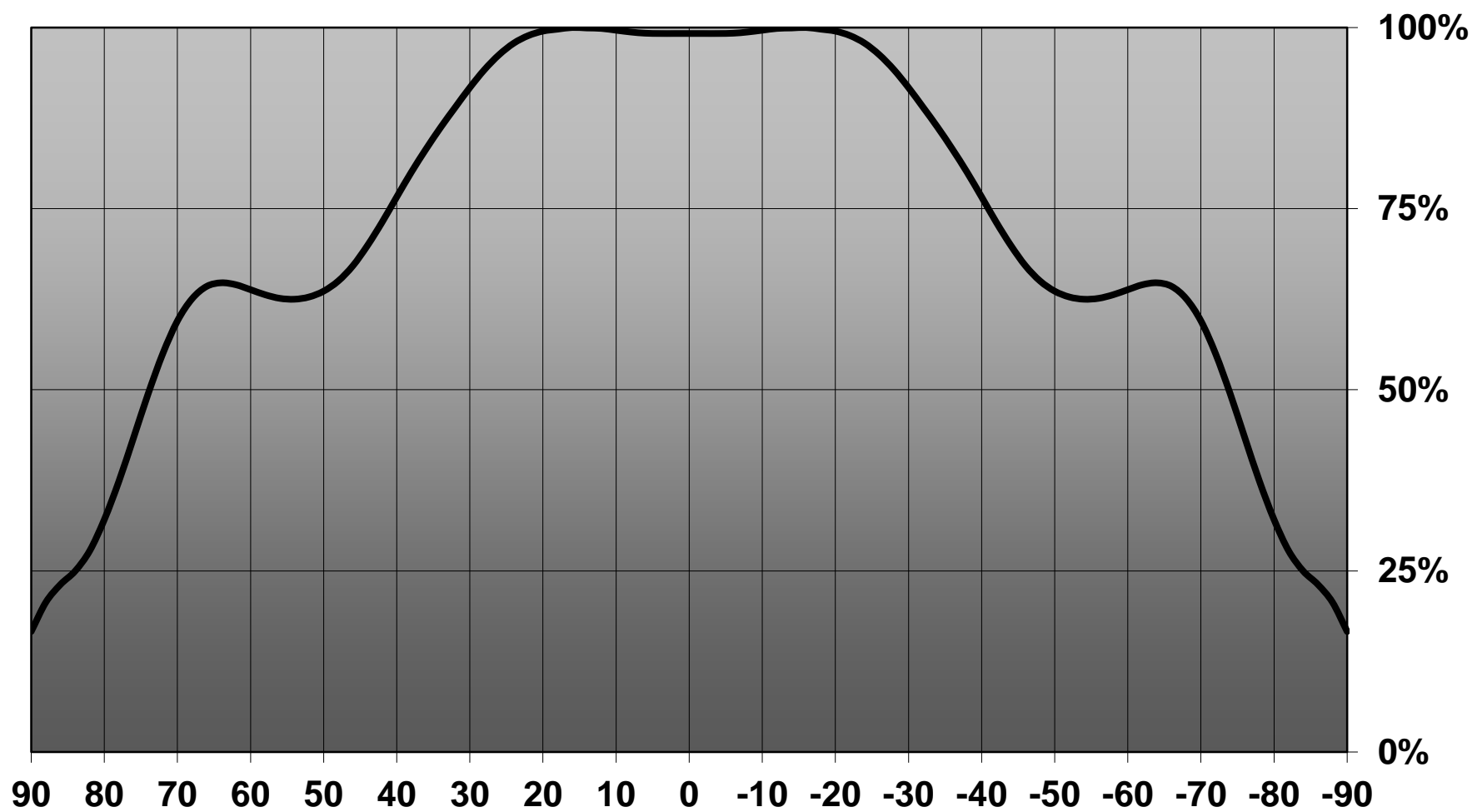
Relative intensity of CA13014_SIRI-DIFF (XM-L)

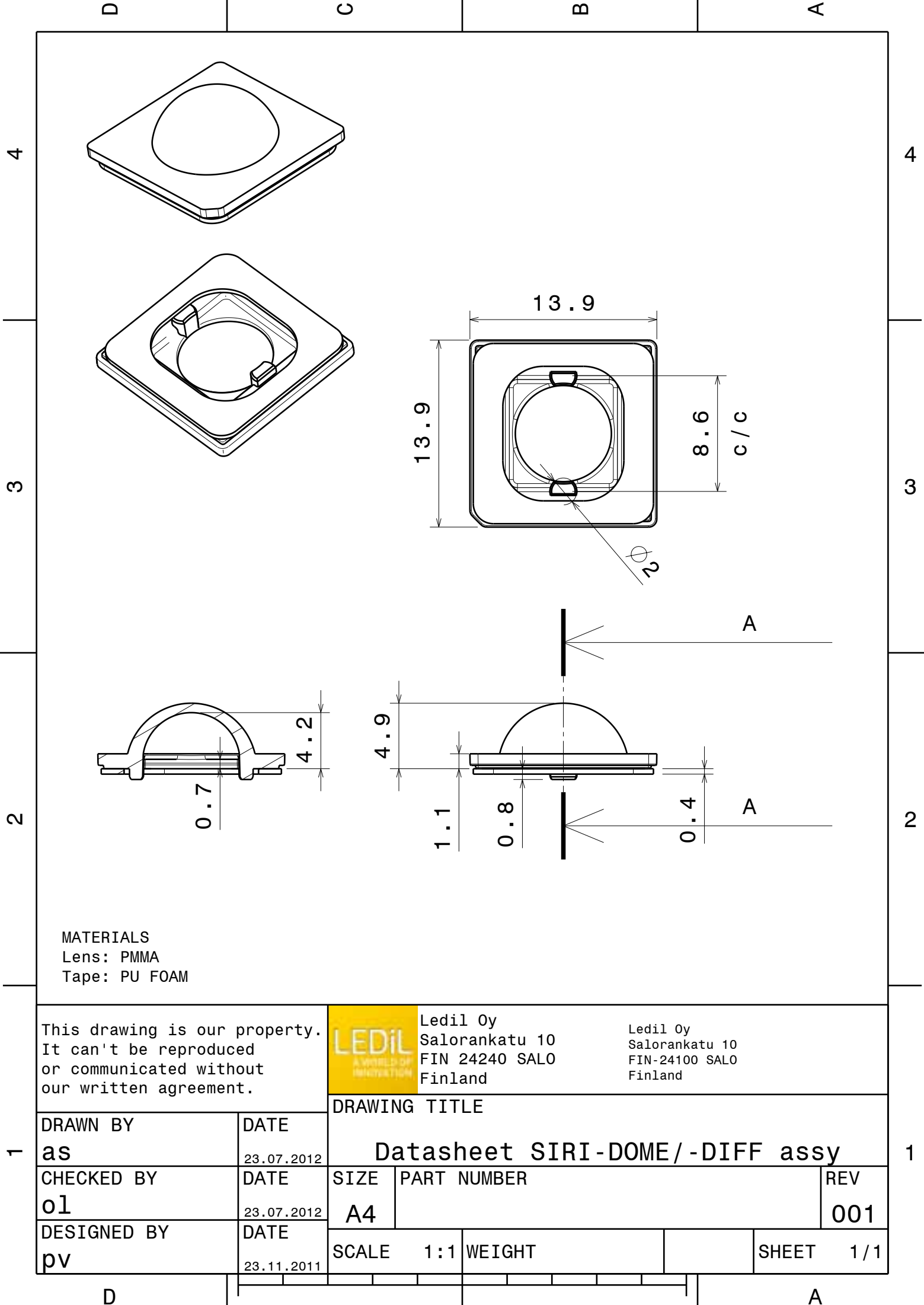


Relative intensity of CA13014_SIRI-DIFF (Nichia 219B)



Relative intensity of CA13014_SIRI-DIFF_(XT-E)





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 our written agreement.



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DRAWING TITLE

DRAWN BY
 as

DATE
 23.07.2012

Datasheet SIRI-DOME/-DIFF assy

CHECKED BY
 ol

DATE
 23.07.2012

SIZE
 A4

PART NUMBER

REV
 001

DESIGNED BY
 pv

DATE
 23.11.2011

SCALE

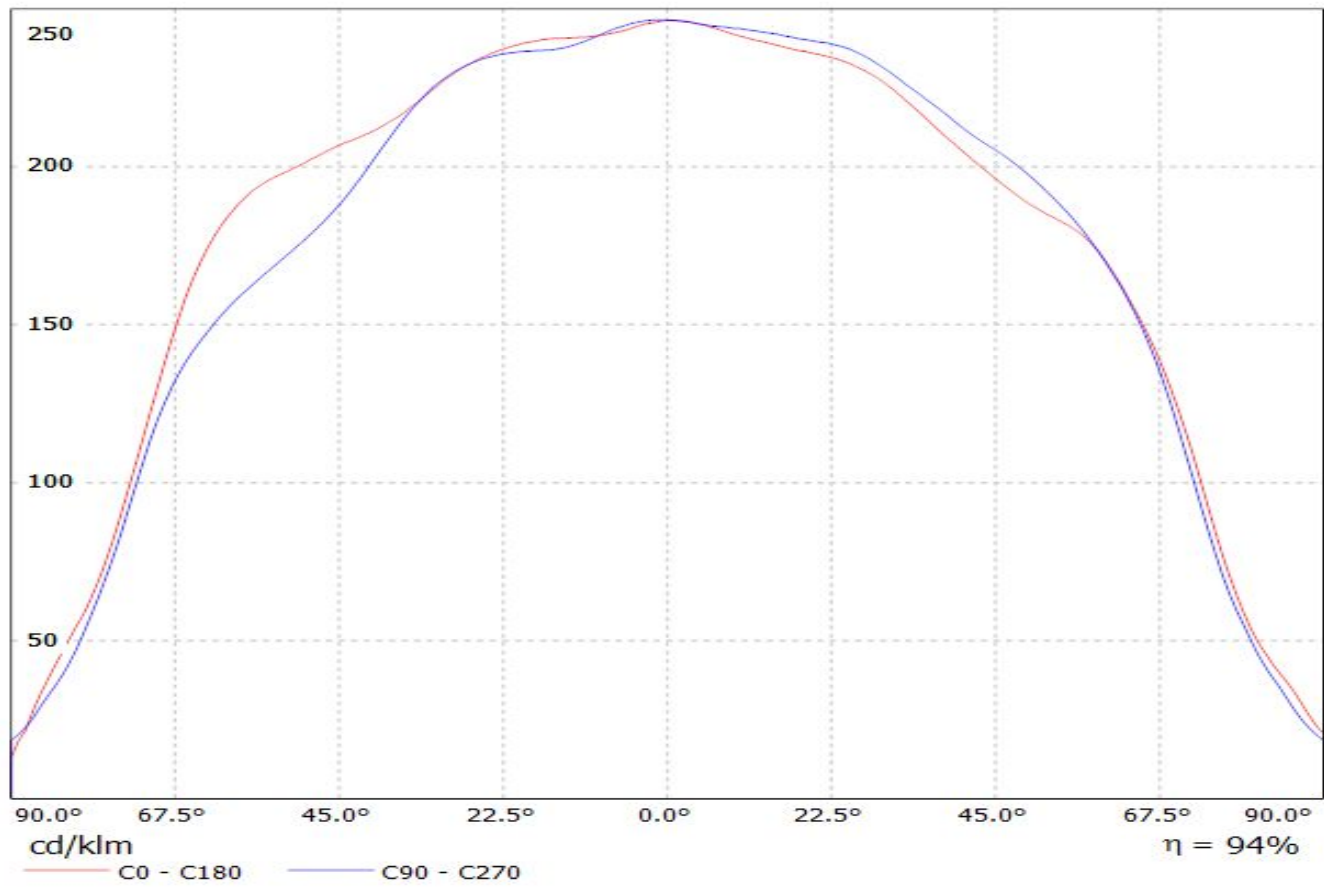
1:1

WEIGHT

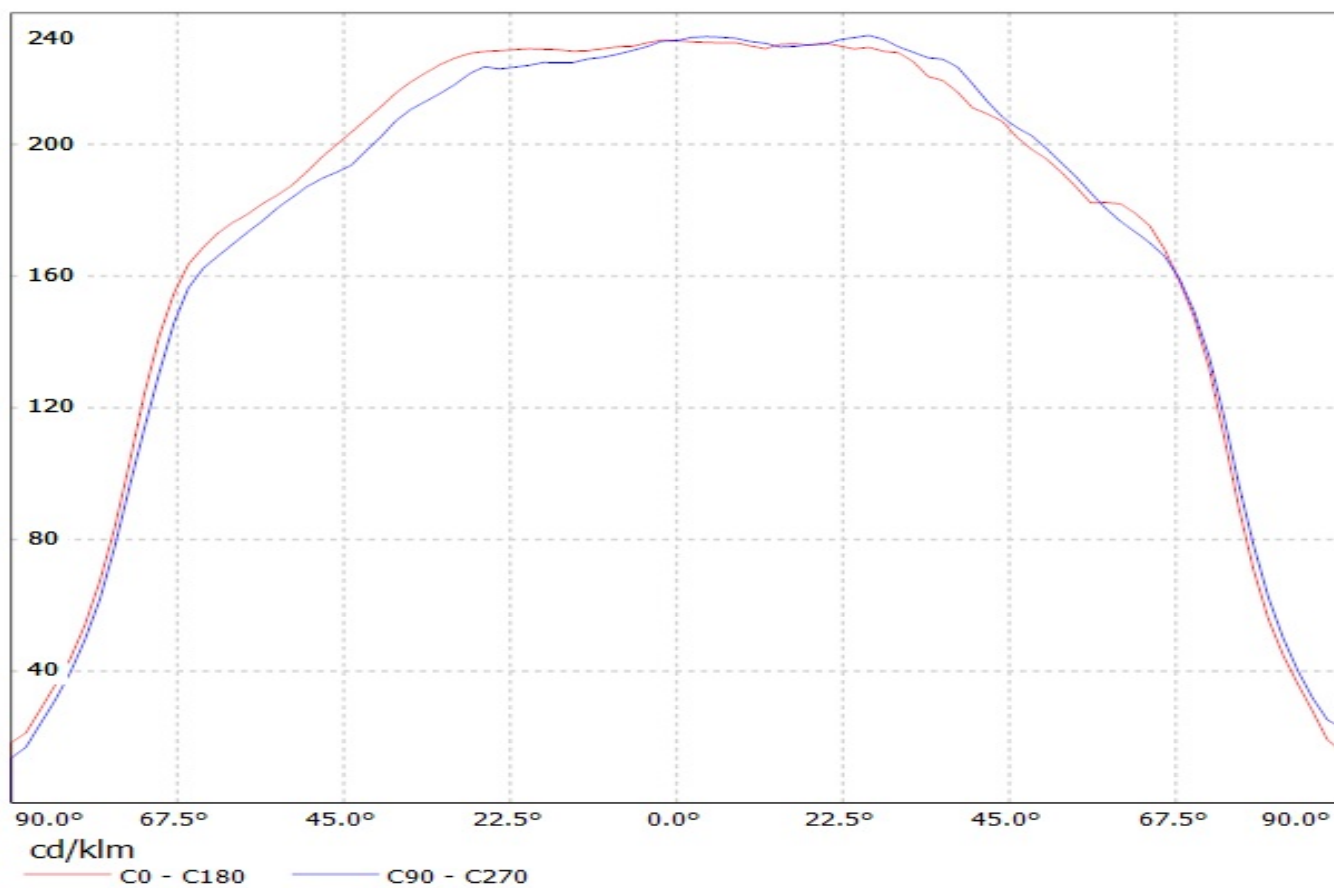
SHEET

1/1

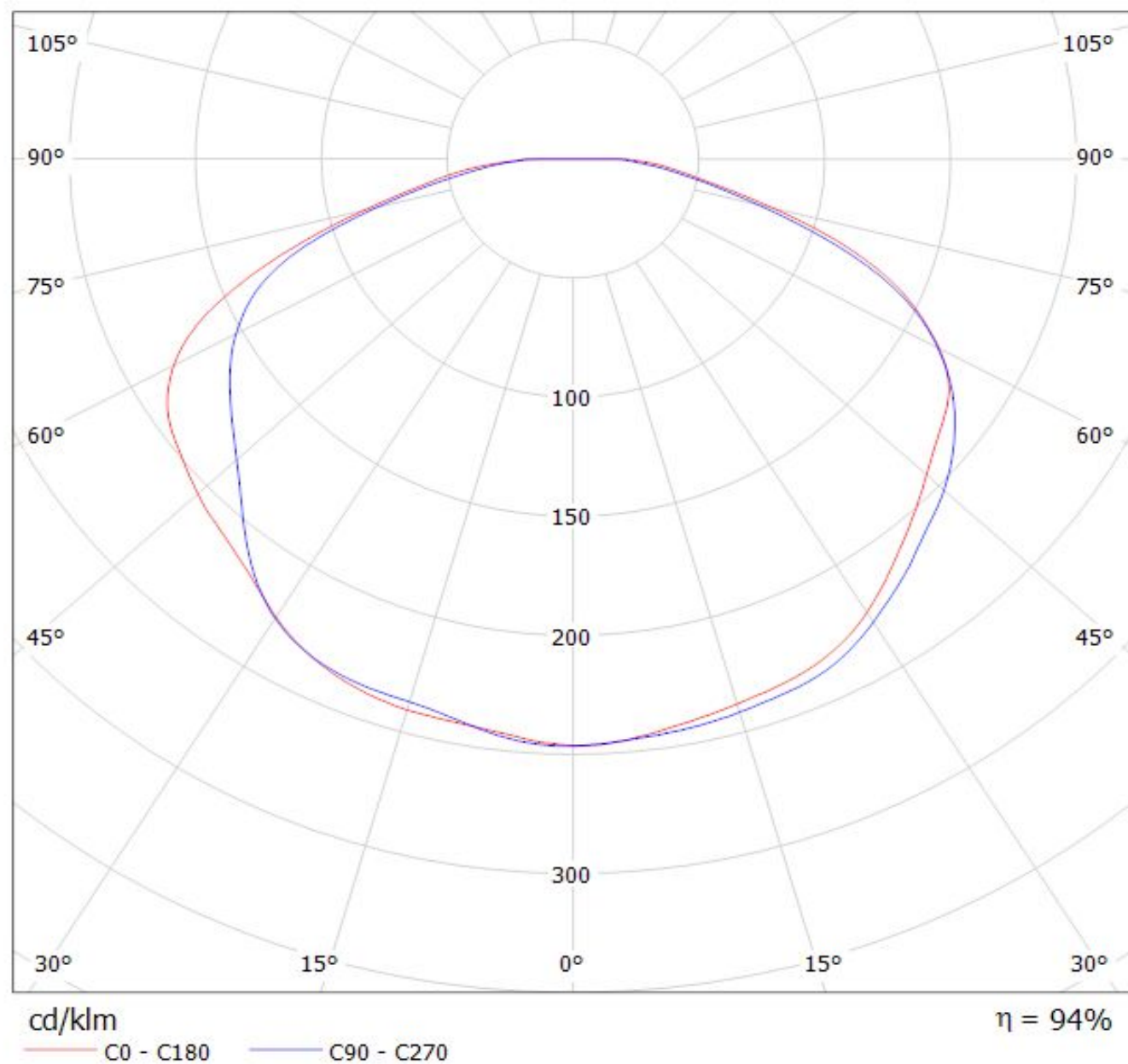
Luminaire: LEDiL Oy CA13014_SIRI-DIFF_(NS9x383) Eff 93,8%
Lamps: 1 x Nichia NS9x383 (105lm@250mA)



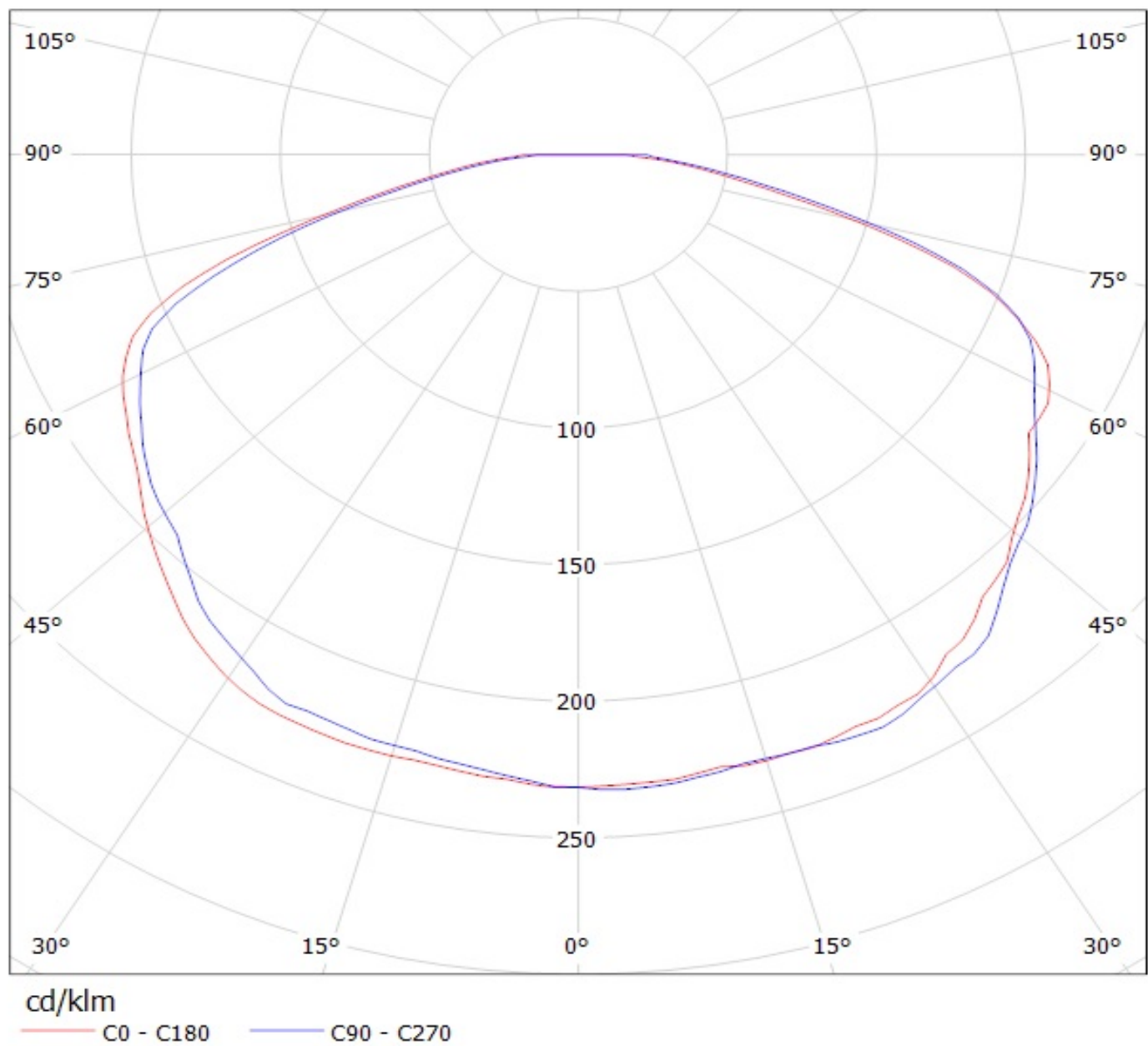
Luminaire: LEDil Oy CA13014_SIRI-DIFF_(XM-L2) Efficiency=95%
Lamps: 1 x Cree XM-L2 (XMLBWT-0-7B4-T30-0L-0001) 91lm @ 250mA CCT=3200K P=0.7W I=250mA



Luminaire: LEDiL Oy CA13014_SIRI-DIFF_(NS9x383) Eff 93,8%
Lamps: 1 x Nichia NS9x383 (105lm@250mA)



Luminaire: LEDil Oy CA13014_SIRI-DIFF_(XM-L2) Efficiency=95%
Lamps: 1 x Cree XM-L2 (XMLBWT-0-7B4-T30-0L-0001) 91lm @ 250mA CCT=3200K P=0.7W I=250mA



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 series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Fastening to heat sink with a PU foam adhesive tape of automotive grade. Please find fastening details by clicking link: http://www.ledil.com/datasheets/DataSheet_TAPE.pdf

NOTE 1: We advise customer to ensure the suitability and sufficiency of the bond in the end product. For example, mechanical stress, vibration and holes on the surface of the circuit board weaken the strength of the tape.

NOTE 2: Assembly to the surface must be made straight, so the tape bonds constant and balanced with fastening surface. Slanted assembly might cause unbalanced bond to the surface. All surfaces where tape is applied must be clean, dry and free from grease and dirt.

If cleaning of PCB surfaces is needed, please follow strictly the cleaning instructions of your LED manufacturer - this is important as cleaning shall under no circumstances damage LEDs or other electronics components on the PCB.

Further note that optical components shall not be cleaned with any chemicals - only micro fiber cloth may be used to remove fingerprints or other traces from handling.