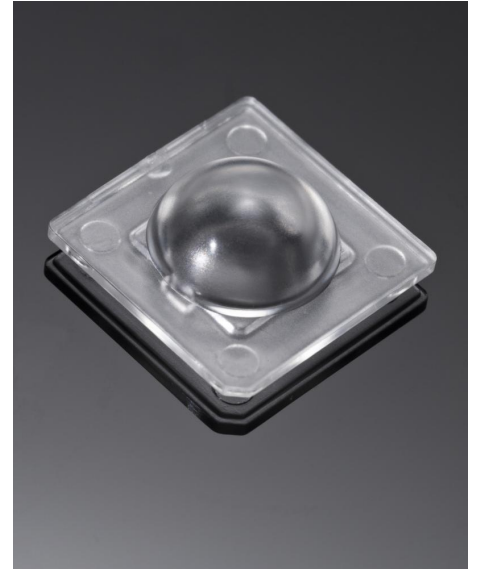


## DETAILS

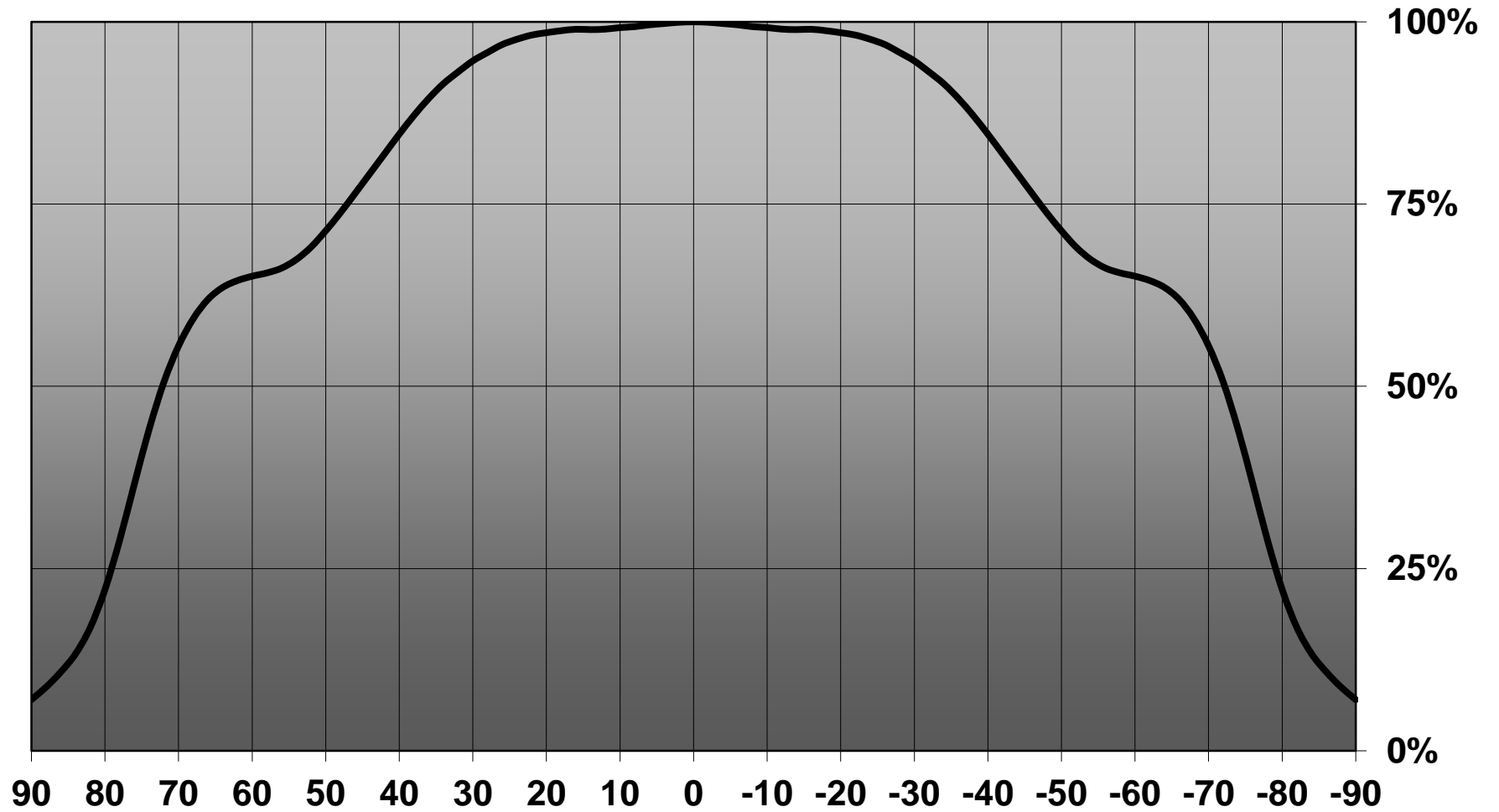
<b>Product Number</b>	CA13014_SIRI-DIFF
<b>Family</b>	Siri
<b>Type</b>	Assembly
<b>Color</b>	
<b>Diameter</b>	13,9 + 13,9 mm
<b>Height</b>	5,3 mm
<b>Style</b>	square
<b>Optic Material</b>	PMMA
<b>Holder Material</b>	
<b>Fastening</b>	tape
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date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



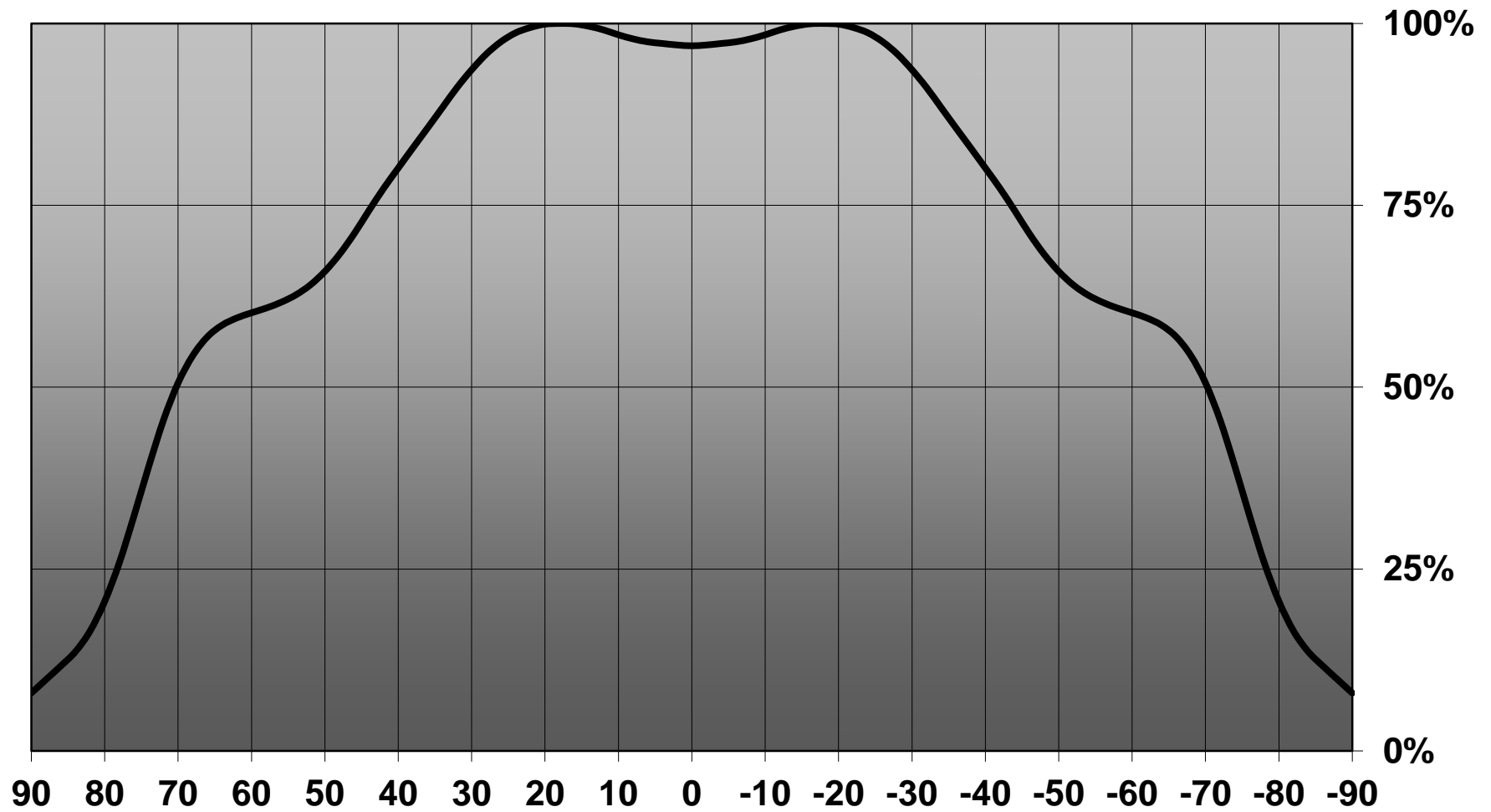
## OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
XM-L	144 deg	WWW-class	96 %	-	-
XP-G2	140 deg	WWW-class	96 %	0.260	-
XT-E	148 deg	WWW-class	95 %	0.230	-
XM-L2	147 deg	WWW-class	95 %	0.200	-
LUXEON A	142 deg	WWW-class	-	-	-
NVSxx19B/NVSxx19C	146 deg	WWW-class	96 %	0.220	-
NS9x383	139 deg	WWW-class	94 %	0.250	-
Oslon Square EC	132 deg	WWW-class	-	-	-

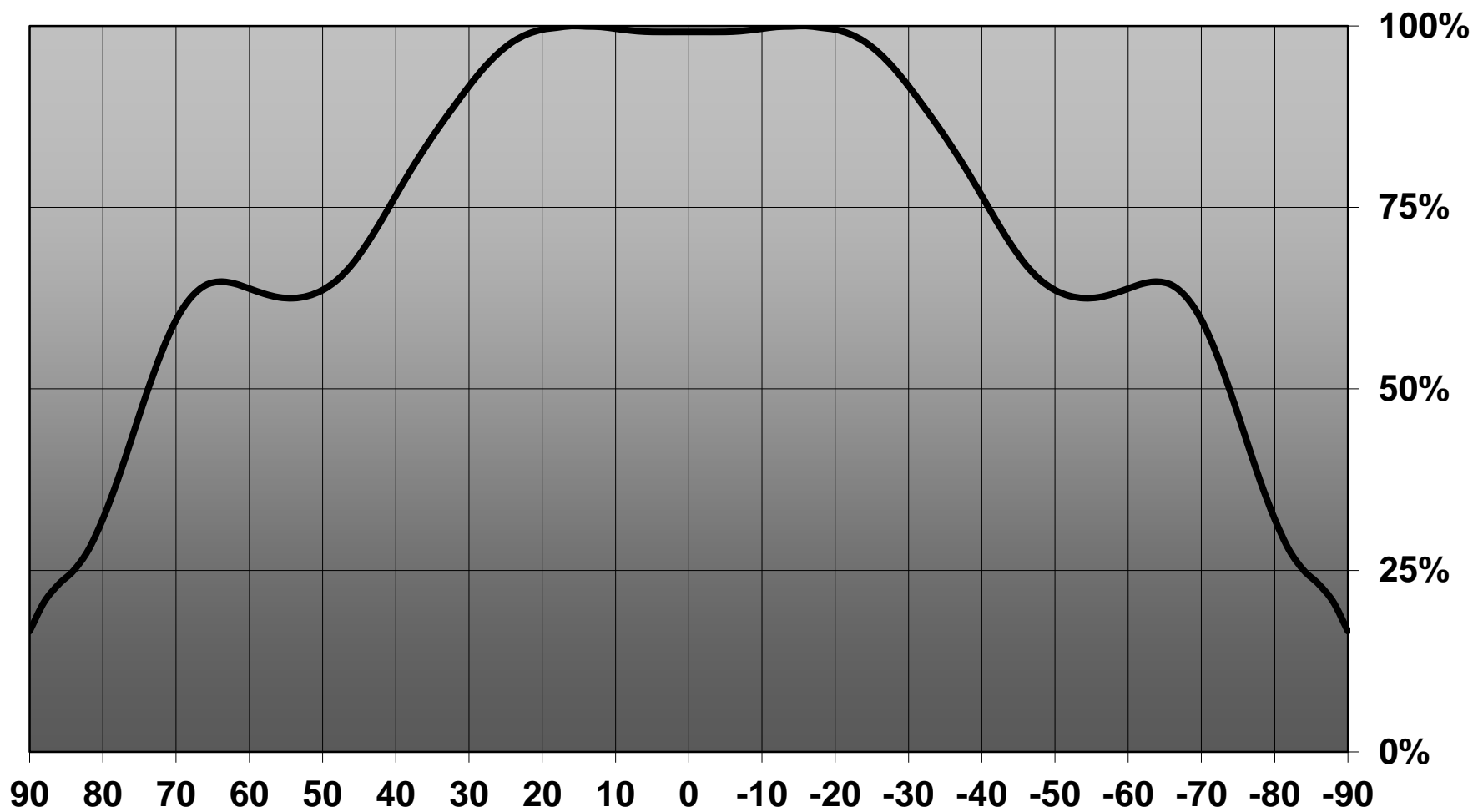
**Relative intensity of CA13014\_SIRI-DIFF (XM-L)**



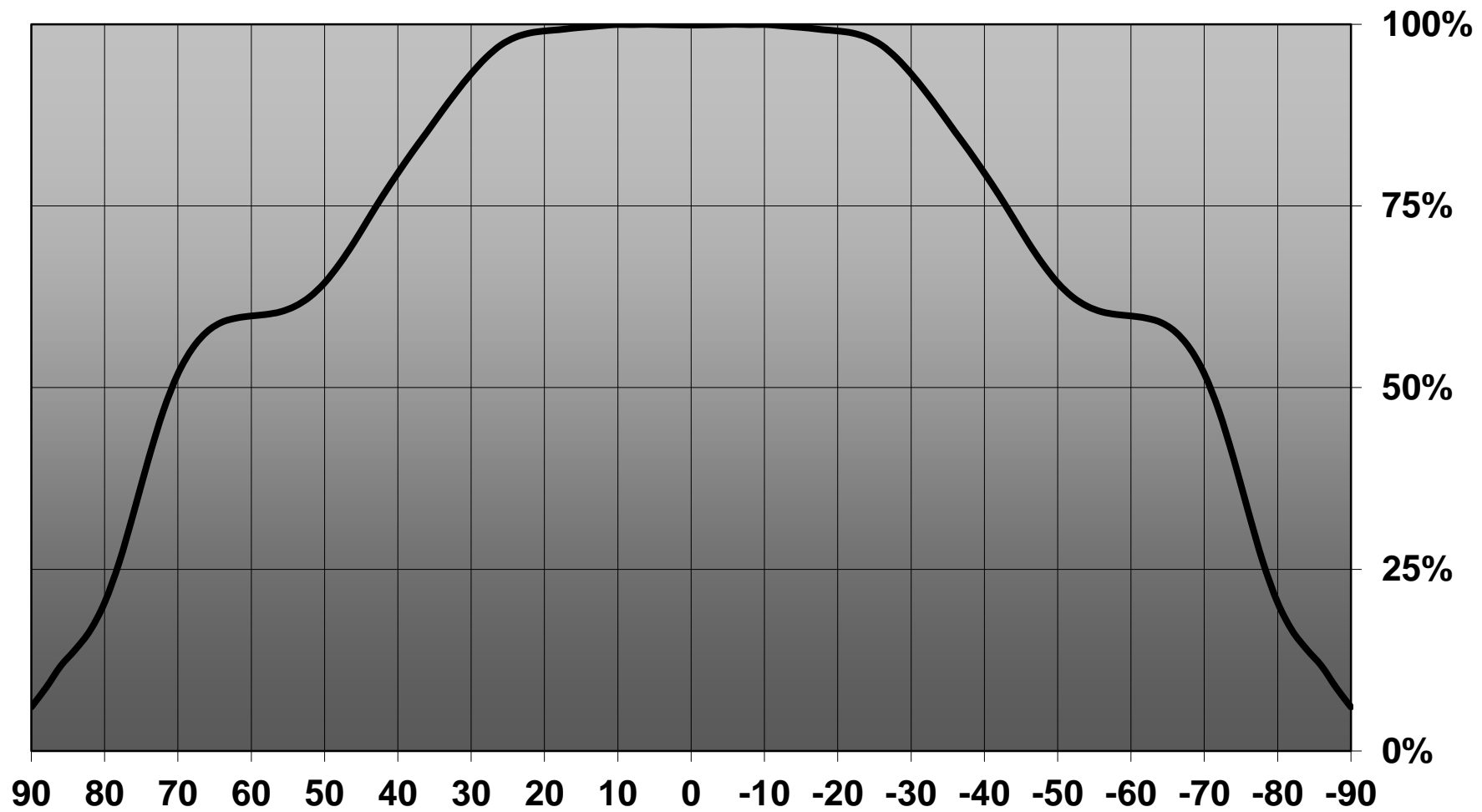
Relative intensity of CA13014\_SIRI-DIFF\_(XP-G2)



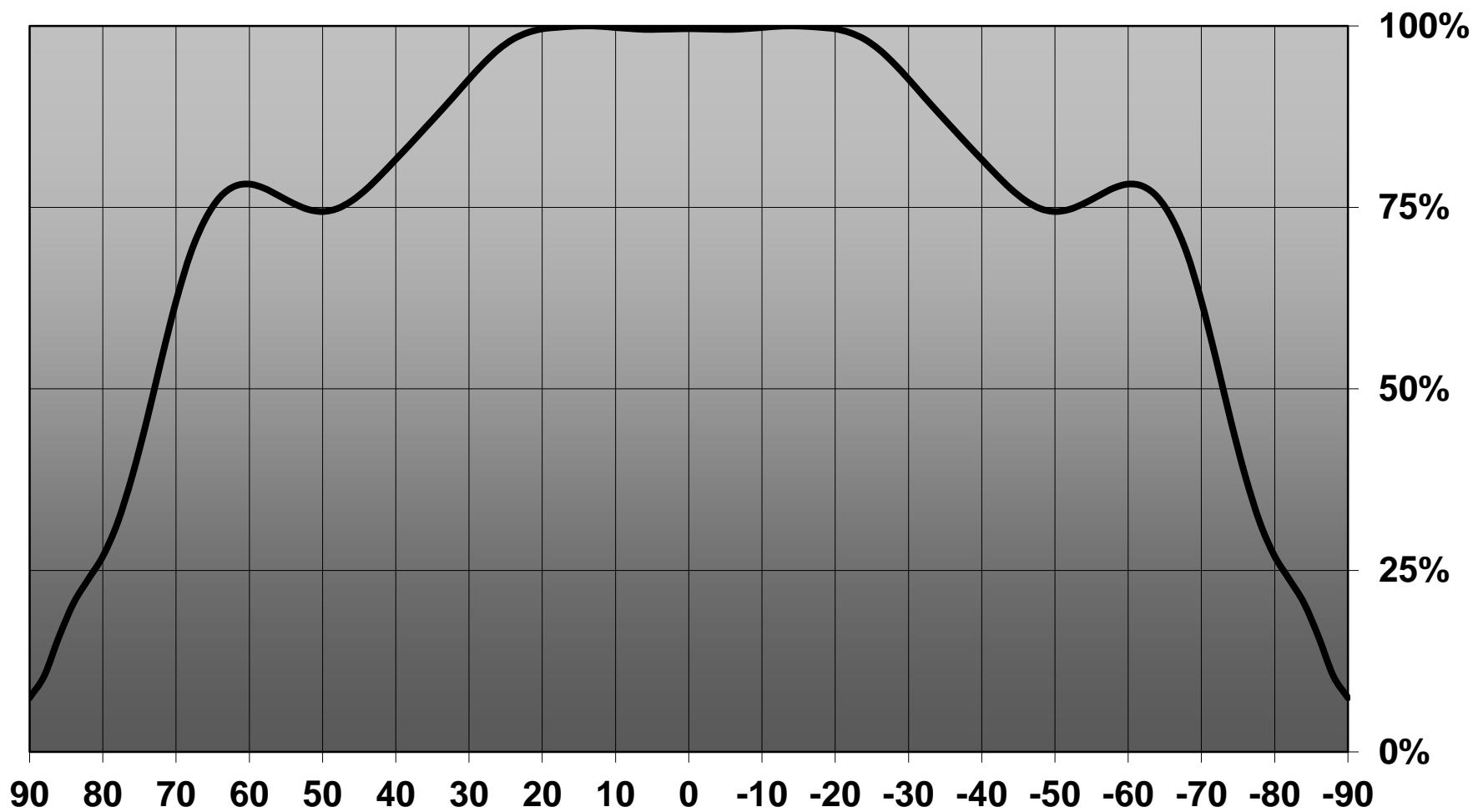
Relative intensity of CA13014\_SIRI-DIFF\_(XT-E)



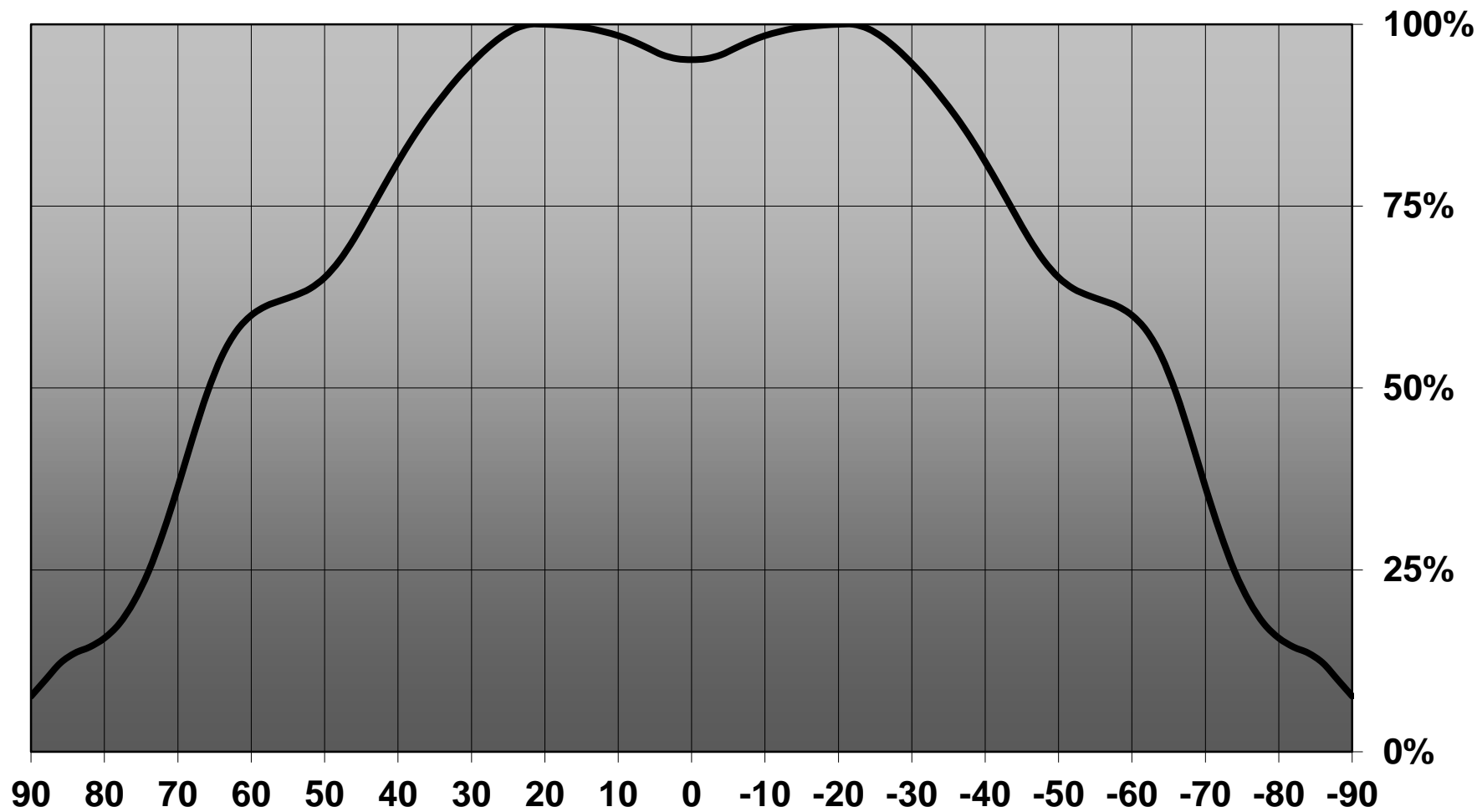
Relative intensity of CA13014\_SIRI-DIFF (Luxeon A)

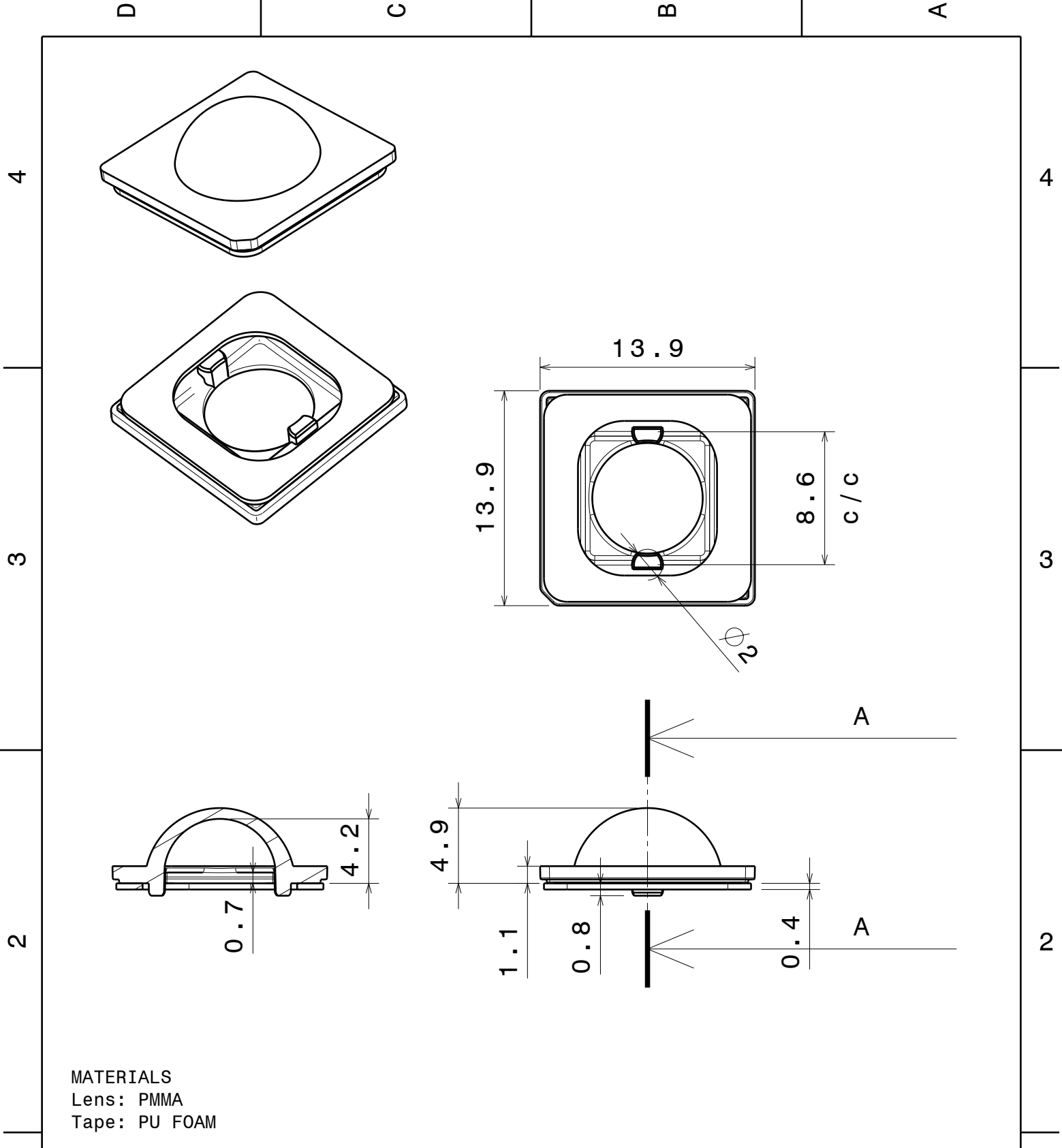


Relative intensity of CA13014\_SIRI-DIFF (Nichia 219B)



Relative intensity of CA13014\_SIRI-DIFF (Oslon Square EC)





MATERIALS  
 Lens: PMMA  
 Tape: PU FOAM

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Ledil Oy  
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 Finland

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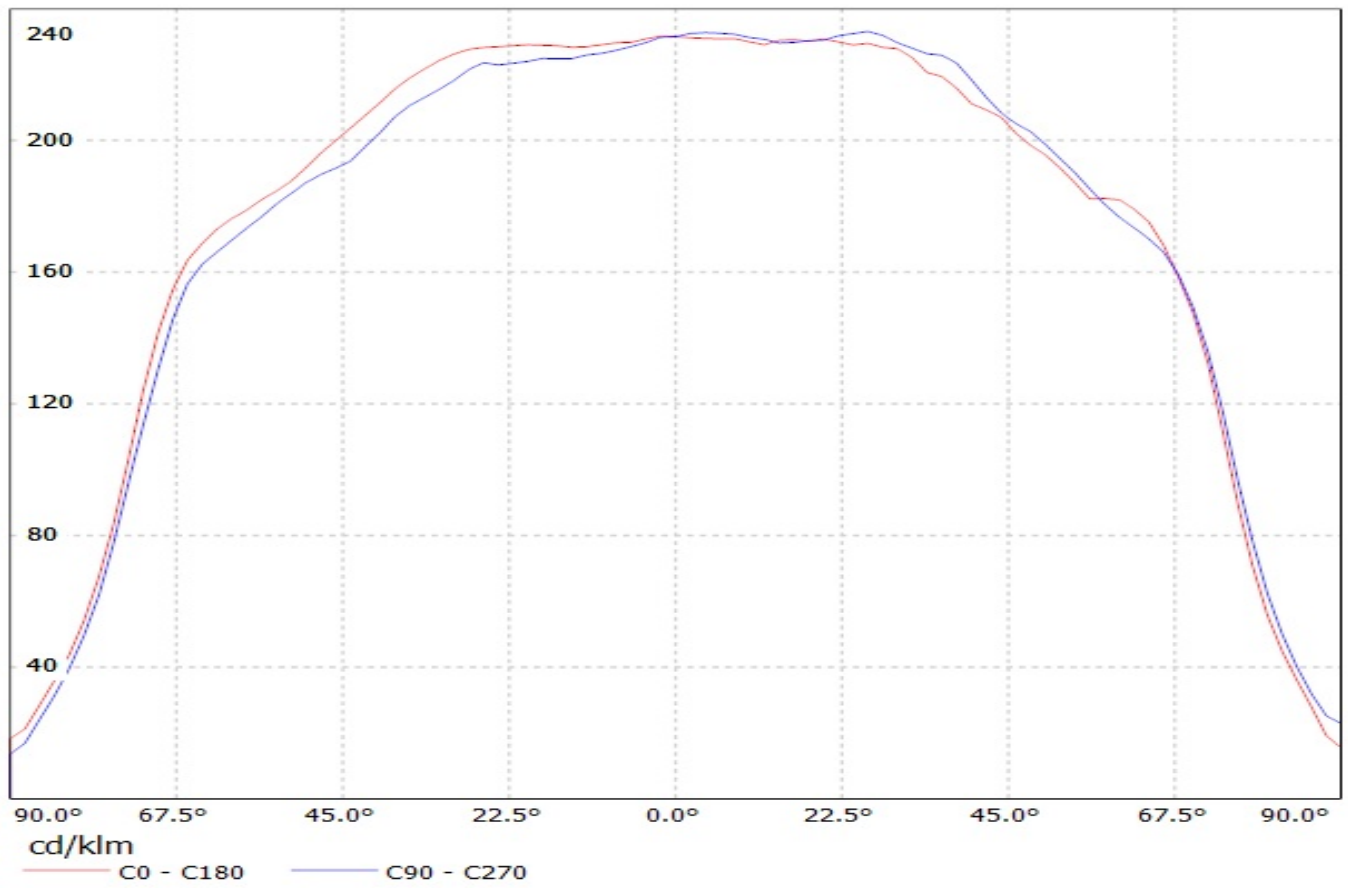
DRAWING TITLE

DRAWN BY	DATE
as	23.07.2012
CHECKED BY	DATE
ol	23.07.2012
DESIGNED BY	DATE
pv	23.11.2011

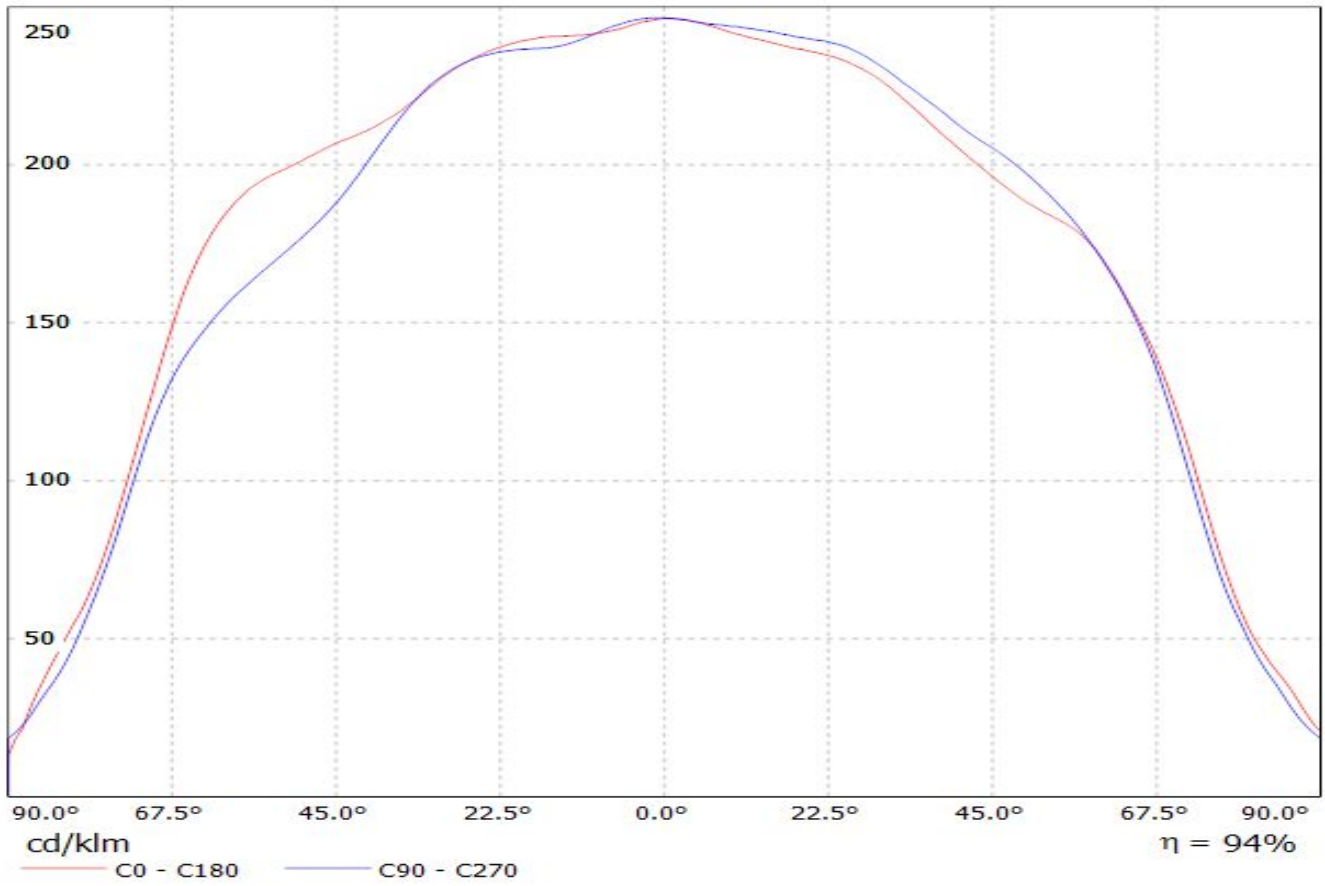
Datasheet SIRI-DOME/-DIFF assy			
SIZE	PART NUMBER	REV	
A4		001	
SCALE	1:1	WEIGHT	SHEET 1/1



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

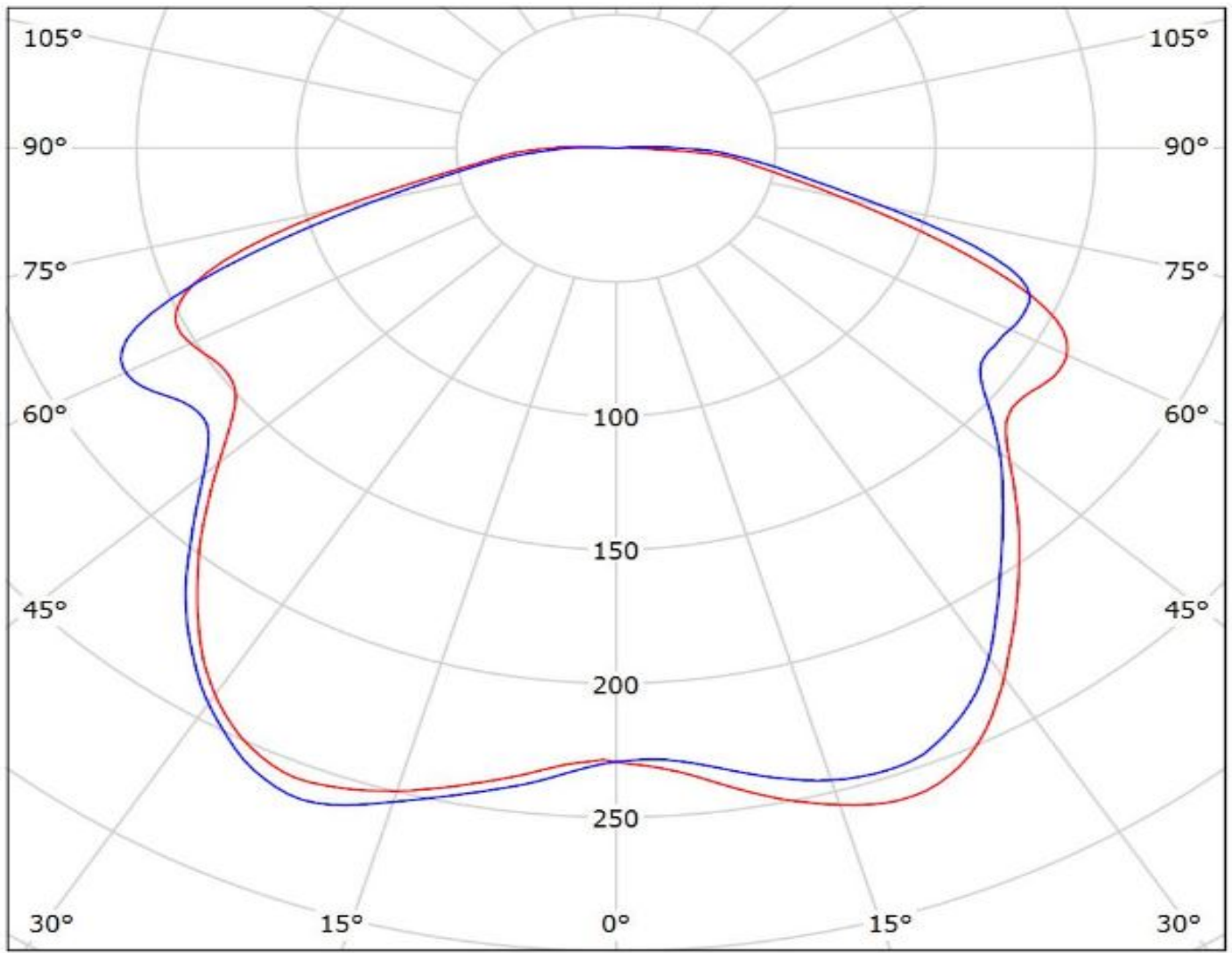


Luminaire: LEDiL Oy CA13014\_SIRI-DIFF\_(NS9x383) Eff 93,8%  
Lamps: 1 x Nichia NS9x383 (105lm@250mA)



# Ledil CA13014\_SIRI-DIFF\_(XP-G2) / LDC (Polar)

Luminaire: Ledil CA13014\_SIRI-DIFF\_(XP-G2)  
Lamps: 1 x Cree\_XP-G2\_(XPGBWT-L1-0000-00FE4)  
\_101.278lm@250mA\_CCT=4934K\_P=0.76W\_I=0.25A

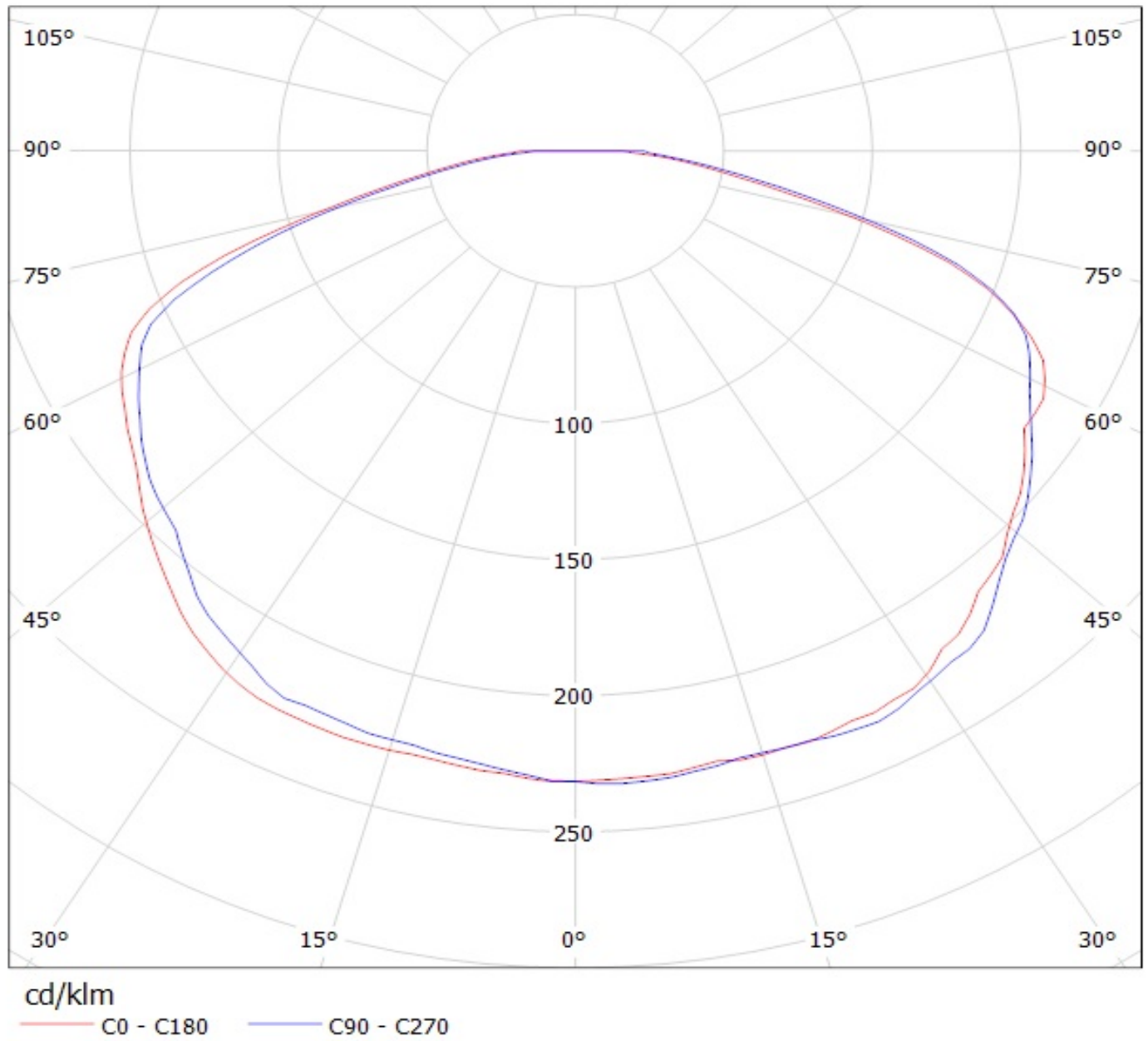


cd/klm

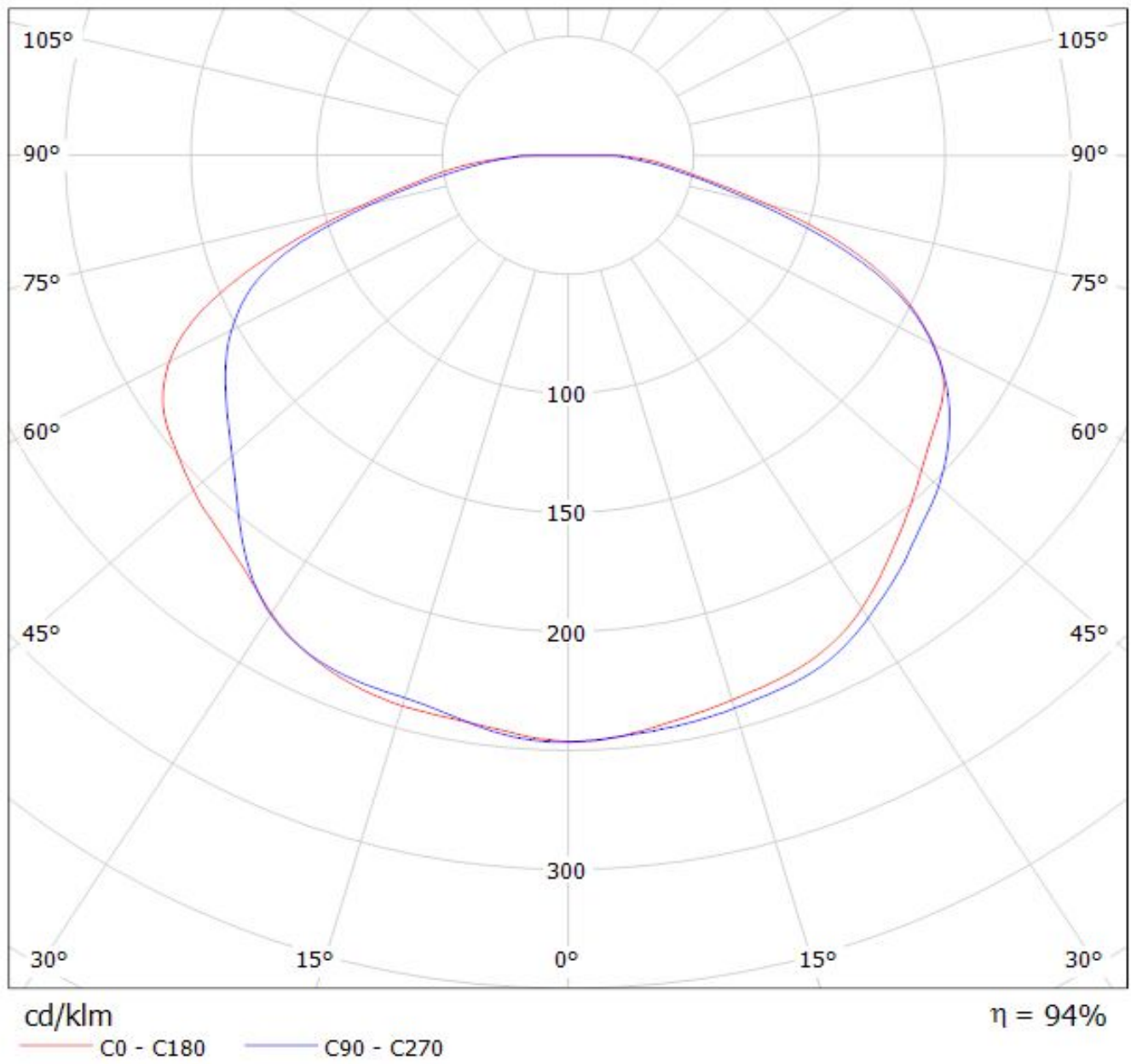
— C0 - C180    — C90 - C270

$\eta = 96\%$

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)



**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.**