

DETAILS

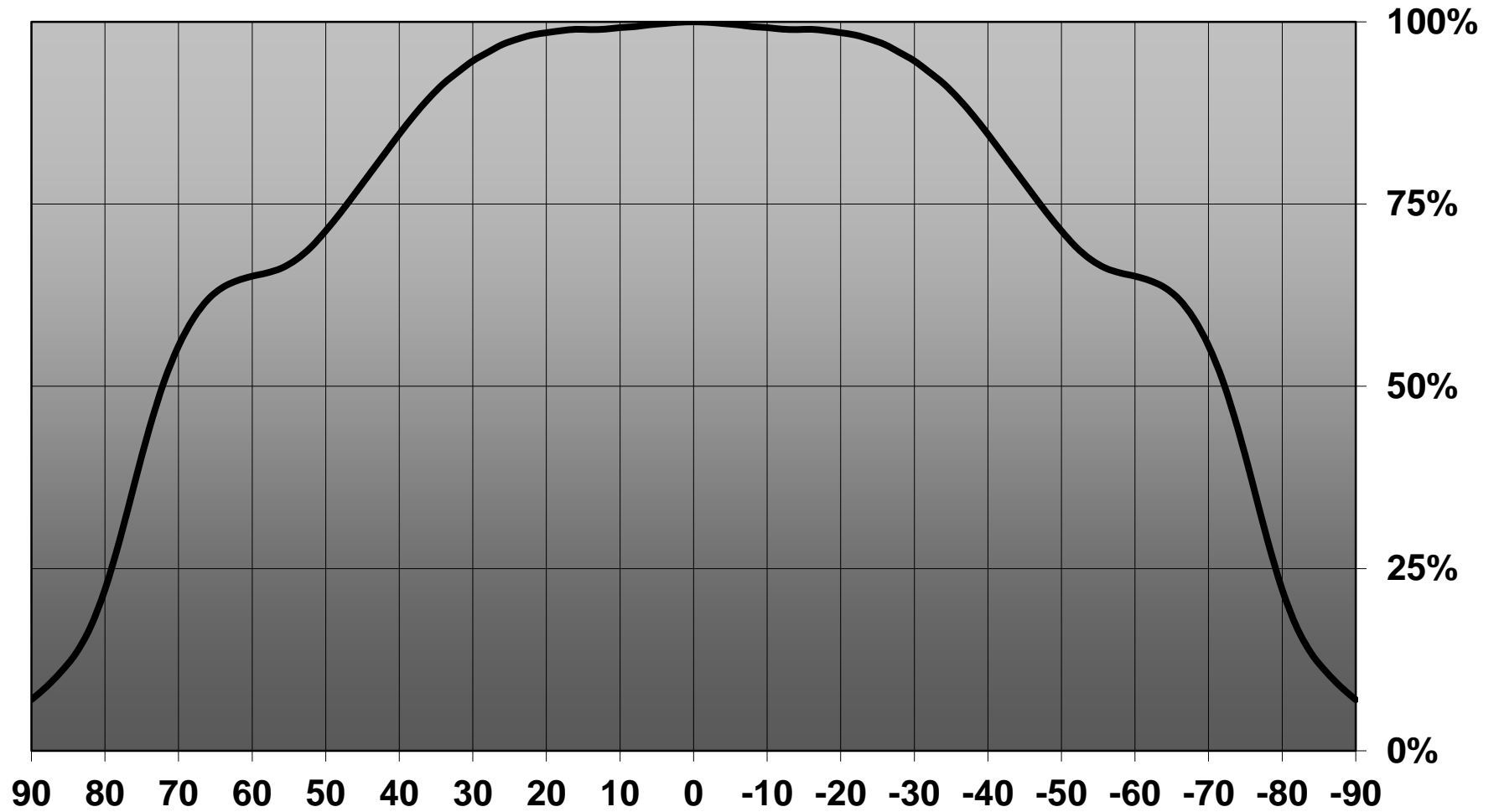
Product Number	CA13014_SIRI-DIFF
Family	Siri
Type	Assembly
Color	
Diameter	13,9 + 13,9 mm
Height	5,3 mm
Style	square
Optic Material	PMMA
Holder Material	
Fastening	tape
Status	production ready
ROHS Compliant	Yes
Date Updated	22/05/2014



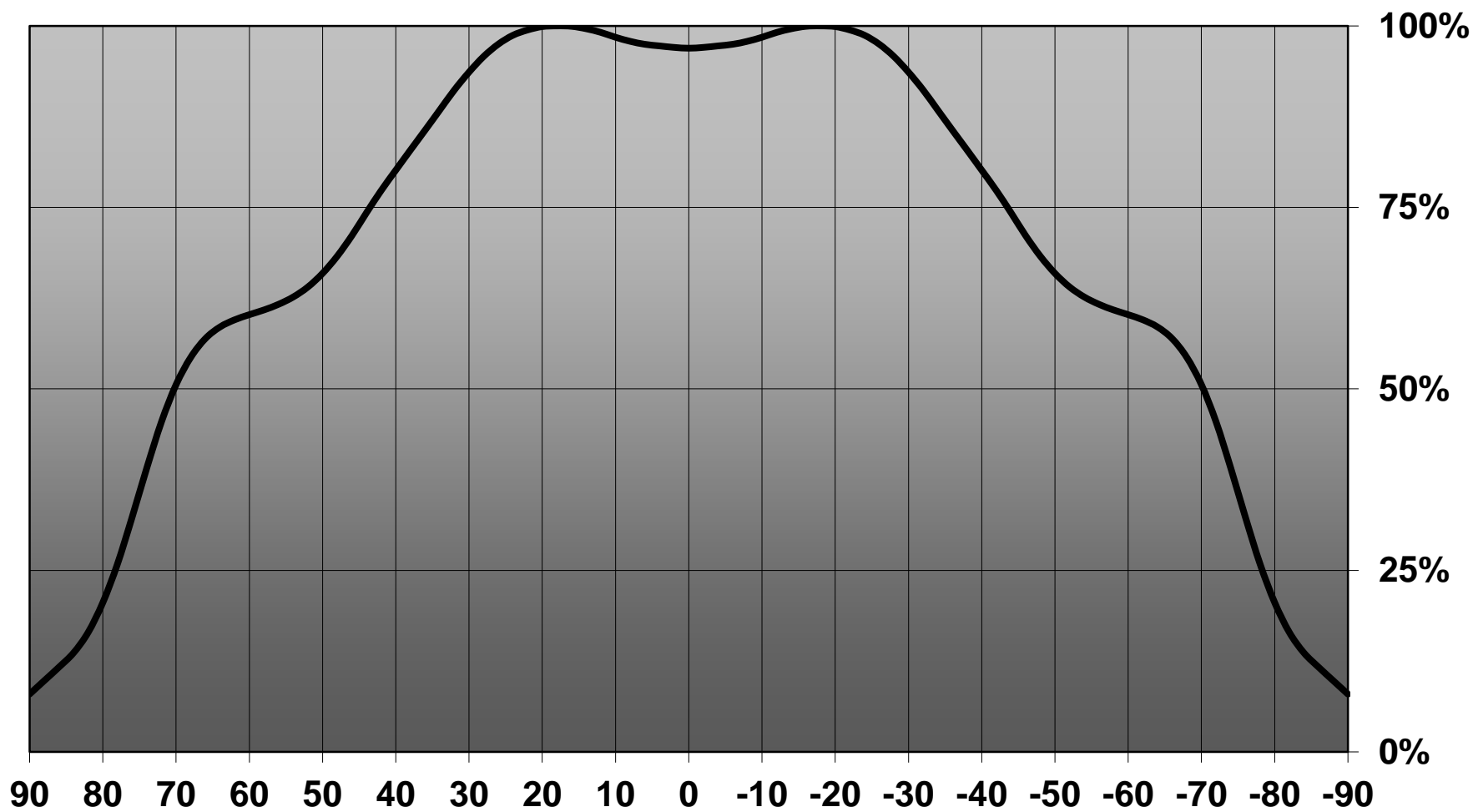
OPTICAL PROPERTIES

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	-	-	-

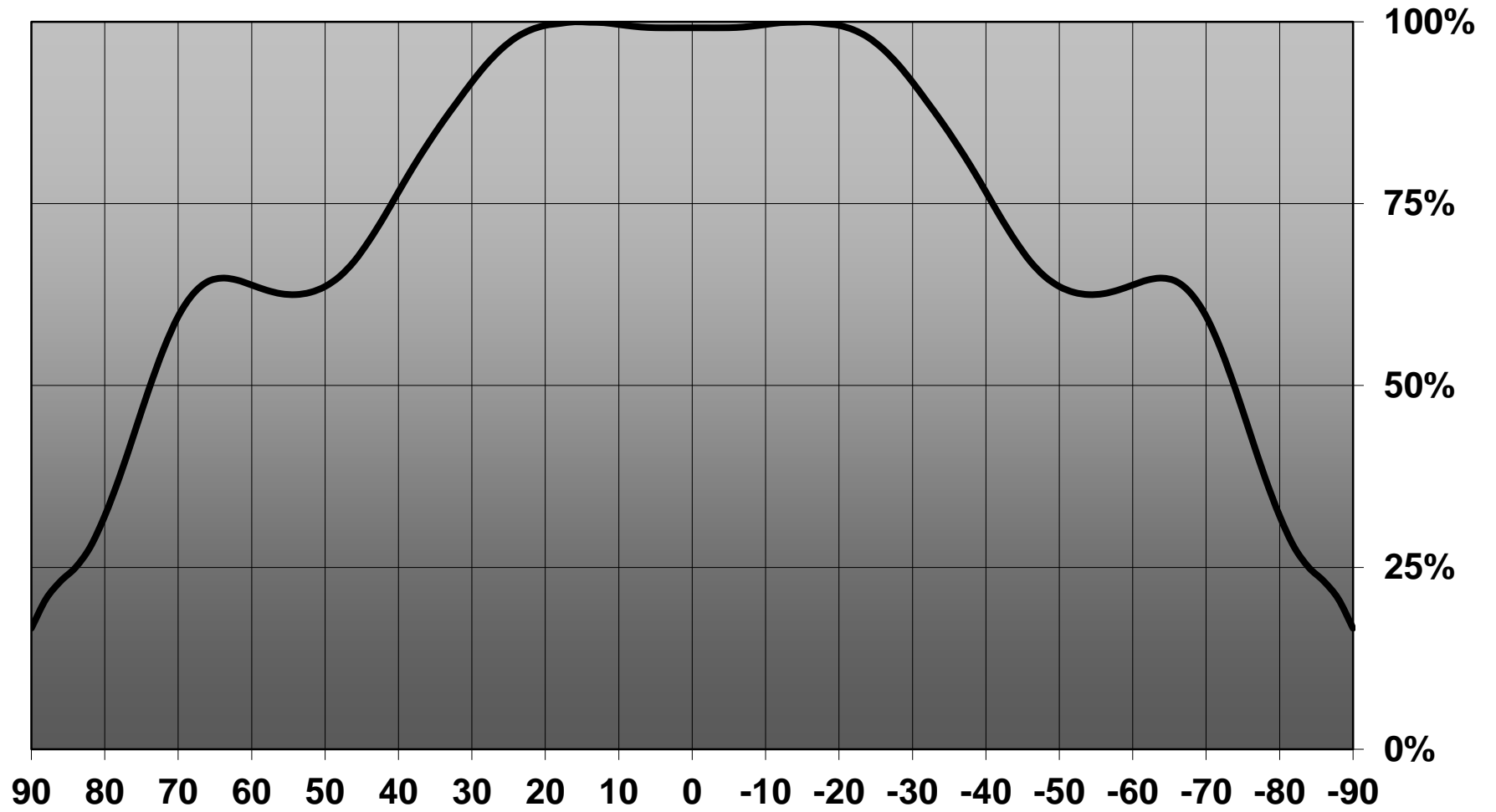
Relative intensity of CA13014_SIRI-DIFF (XM-L)



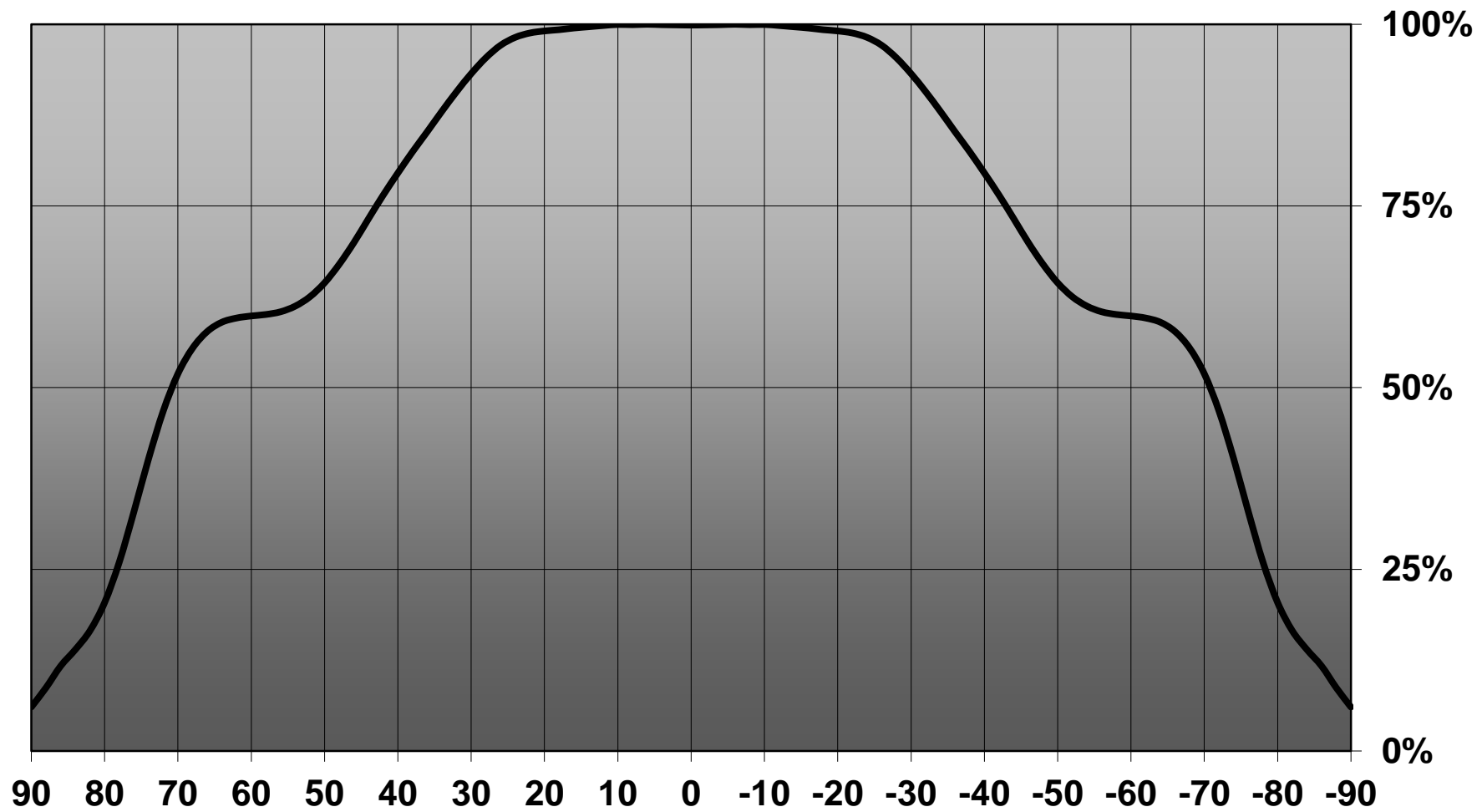
Relative intensity of CA13014_SIRI-DIFF_(XP-G2)



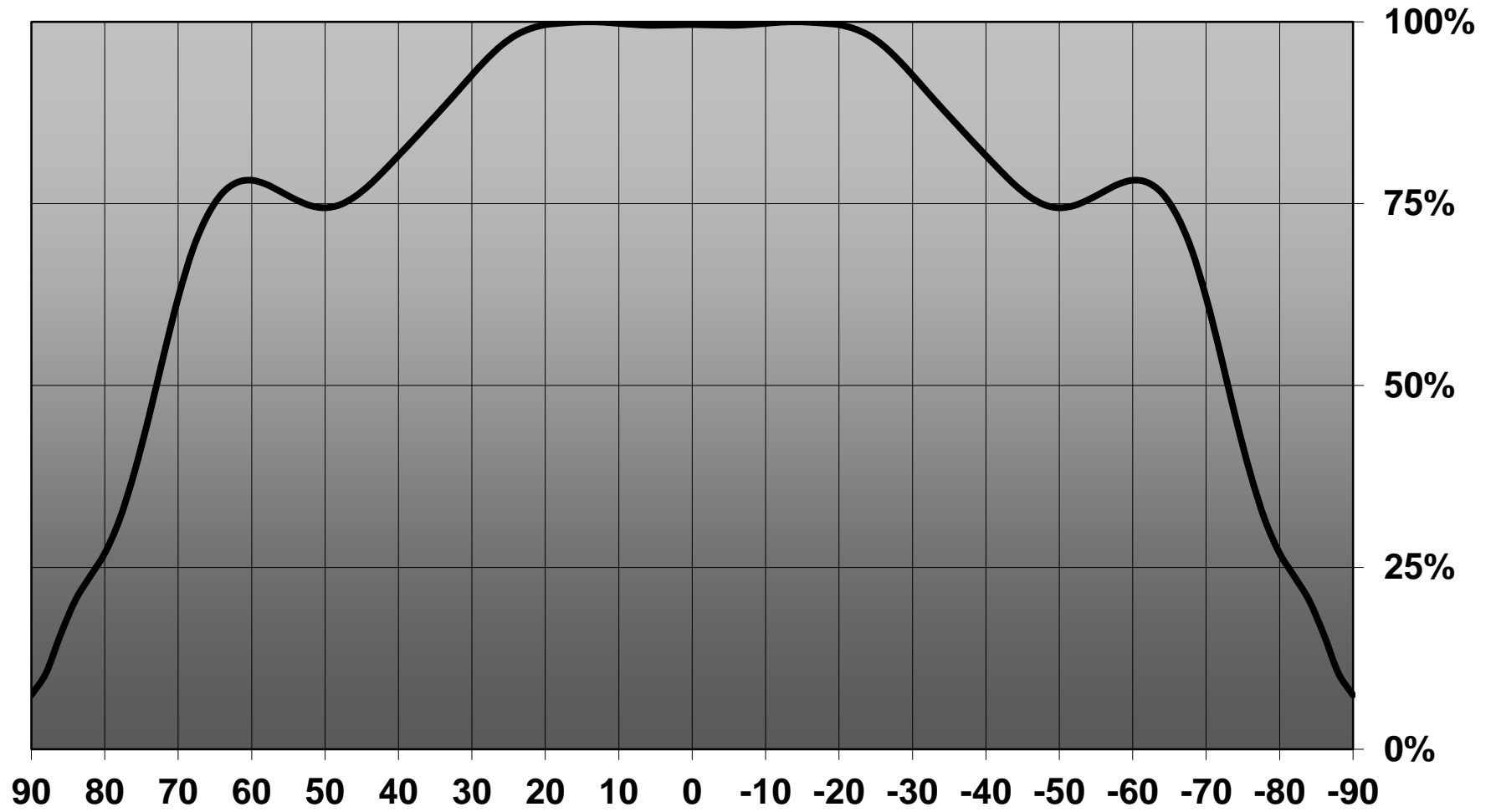
Relative intensity of CA13014_SIRI-DIFF_(XT-E)



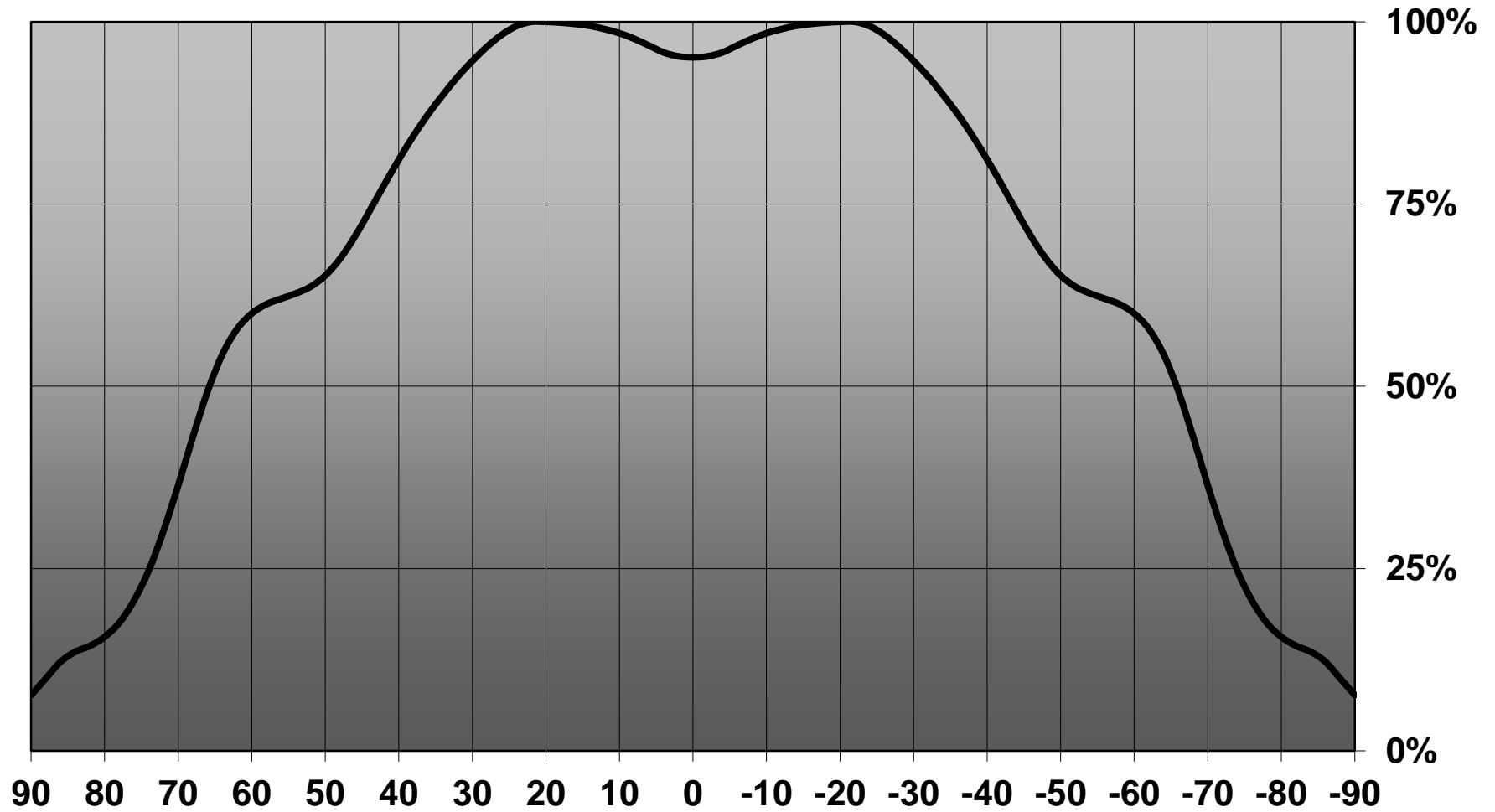
Relative intensity of CA13014_SIRI-DIFF (Luxeon A)

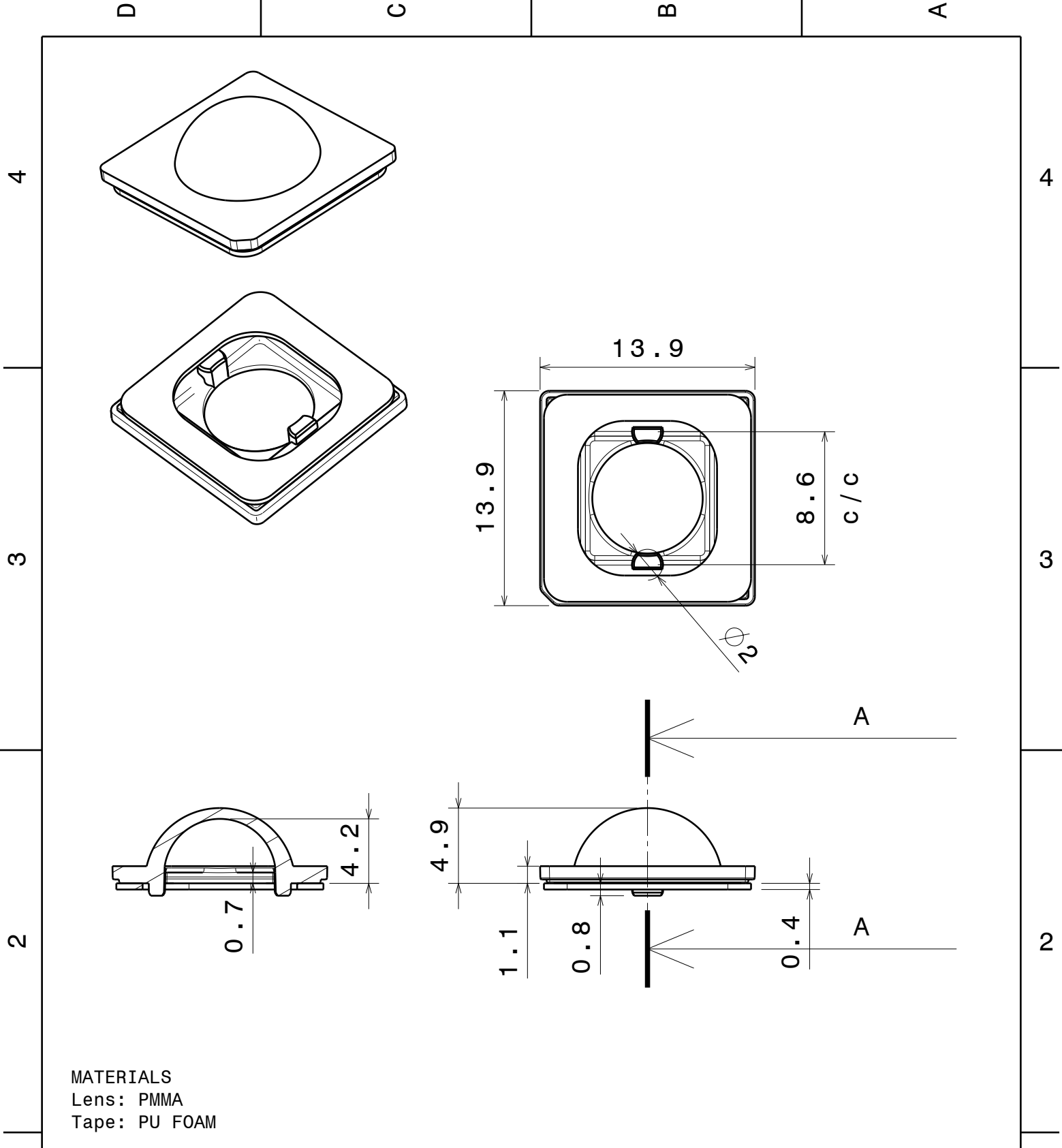


Relative intensity of CA13014_SIRI-DIFF (Nichia 219B)



Relative intensity of CA13014_SIRI-DIFF (Oslon Square EC)





MATERIALS
 Lens: PMMA
 Tape: PU FOAM

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DRAWING TITLE

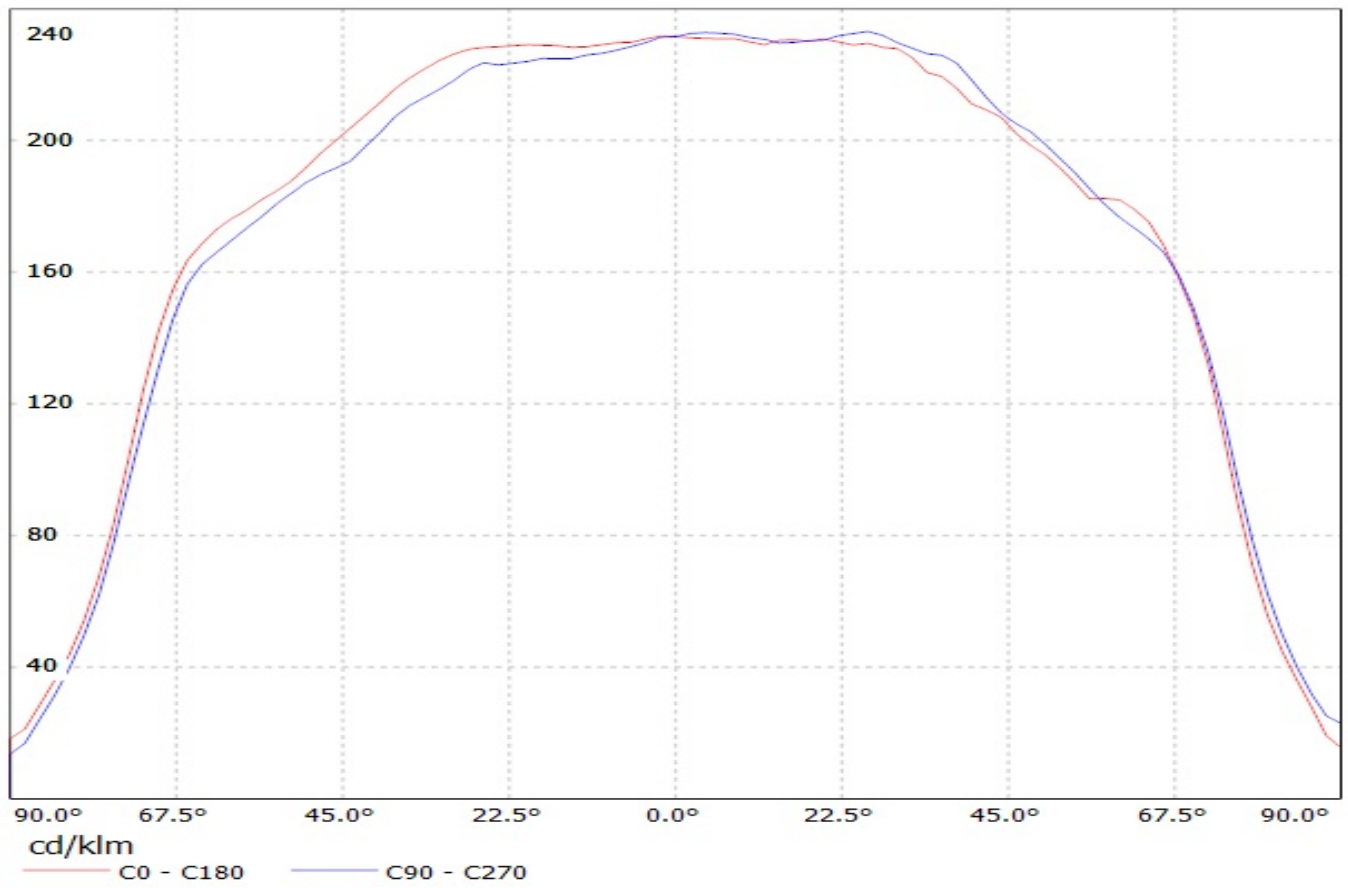
DRAWN BY as		DATE 23.07.2012		Datasheet SIRI-DOME/-DIFF assy			
CHECKED BY ol		DATE 23.07.2012					
DESIGNED BY pv		DATE 23.11.2011		SCALE 1:1	WEIGHT	SHEET 1/1	

1

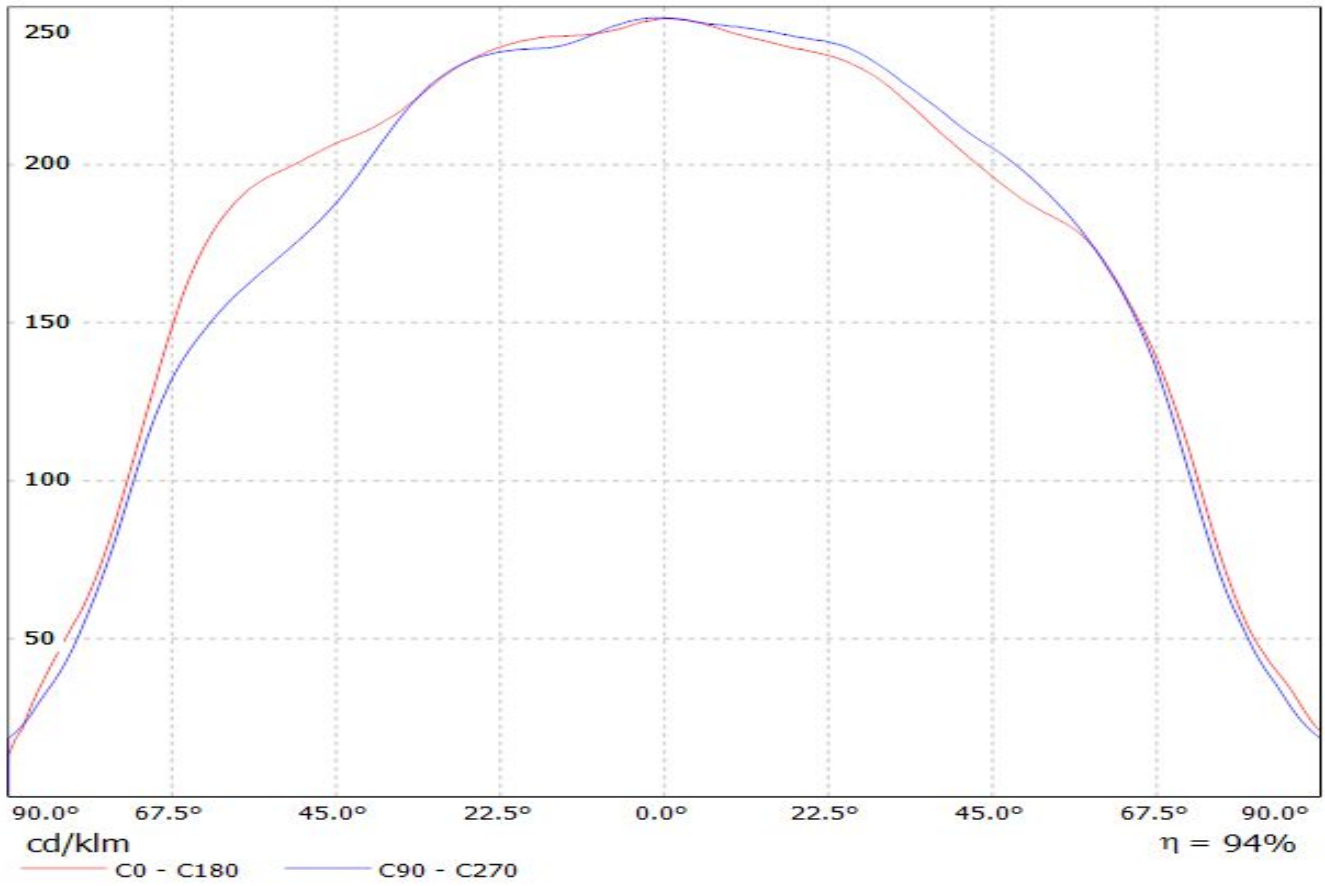
1

D A

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

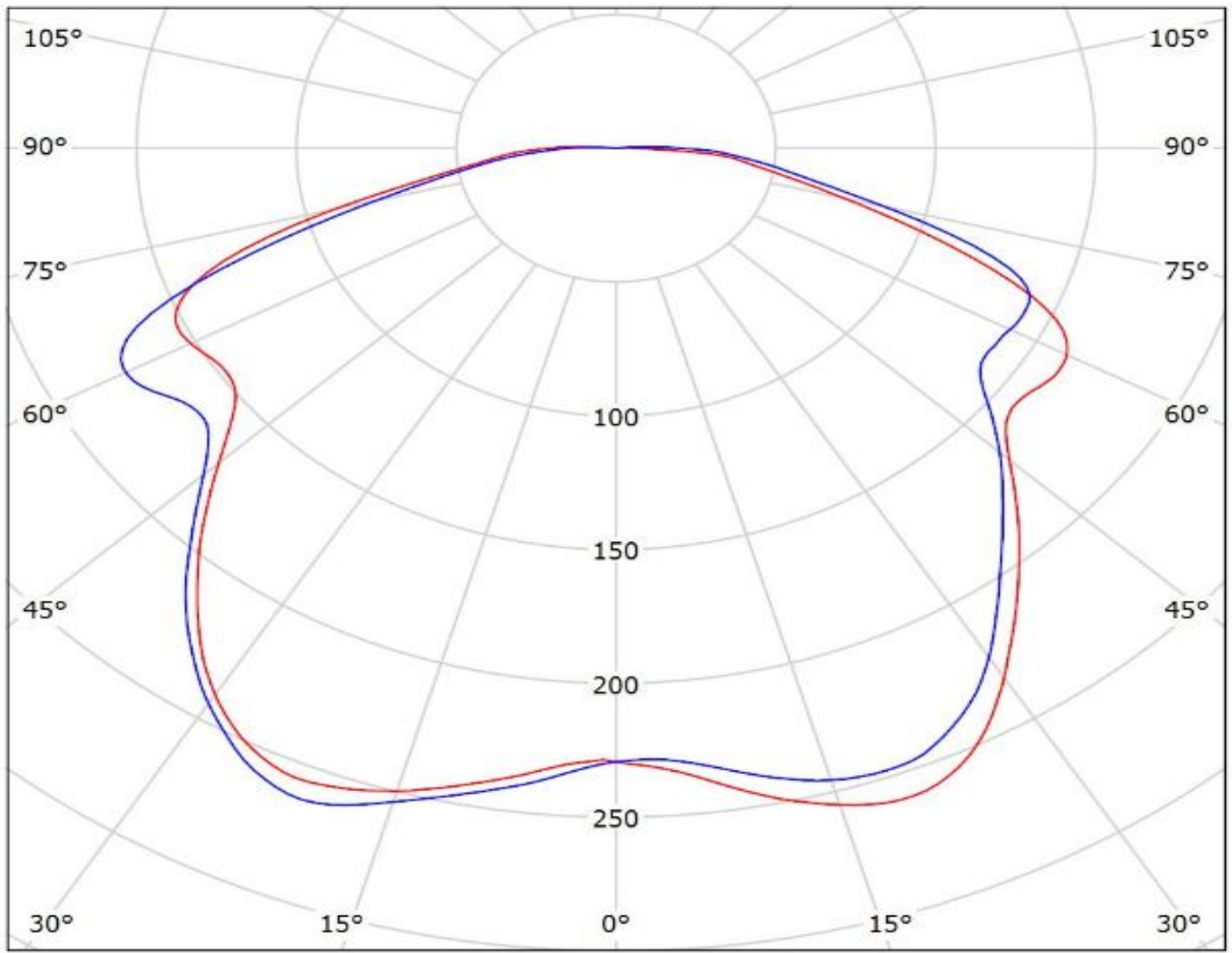


Luminaire: LEDiL Oy CA13014_SIRI-DIFF_(NS9x383) Eff 93,8%
Lamps: 1 x Nichia NS9x383 (105lm@250mA)



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

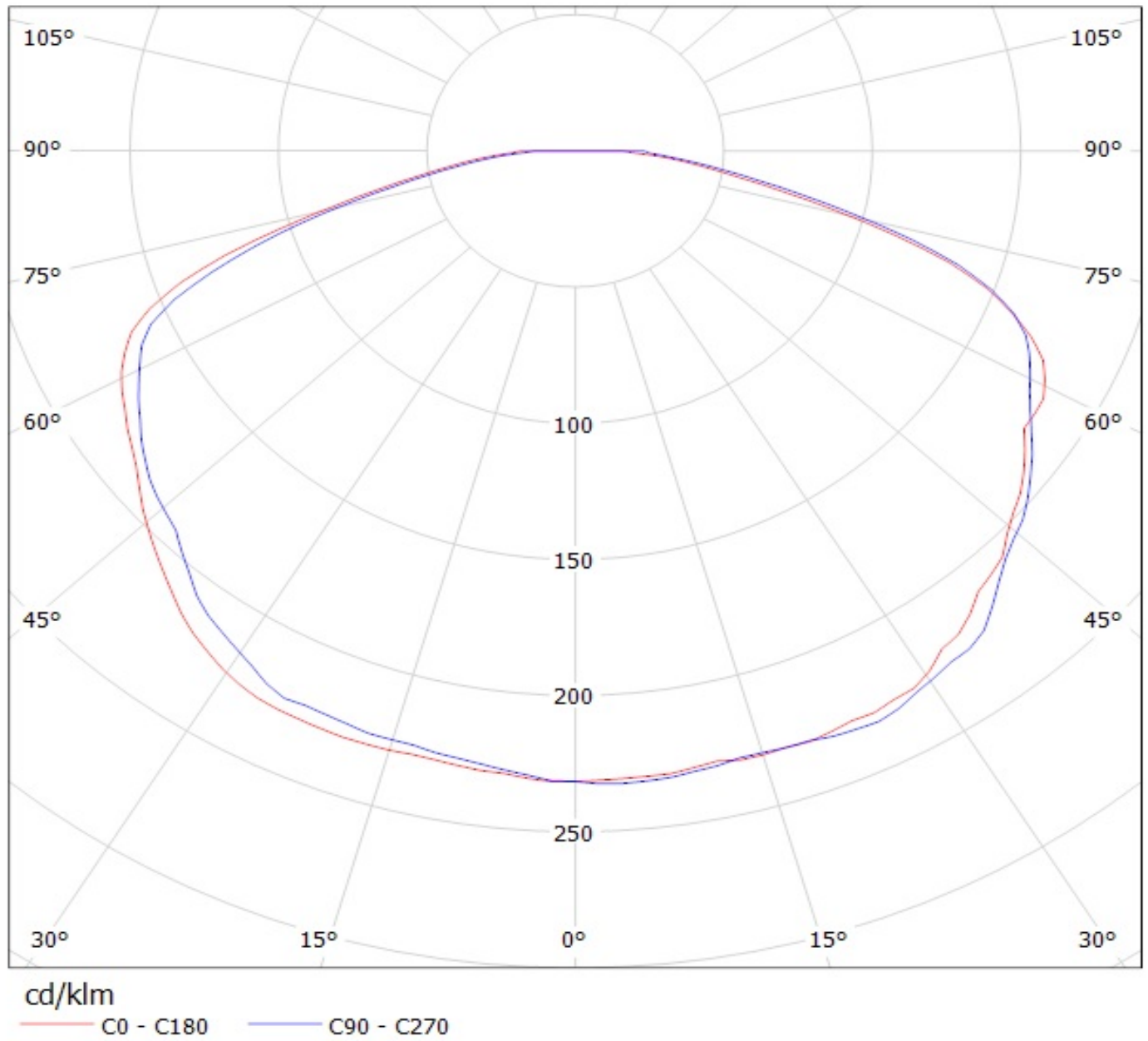


cd/klm

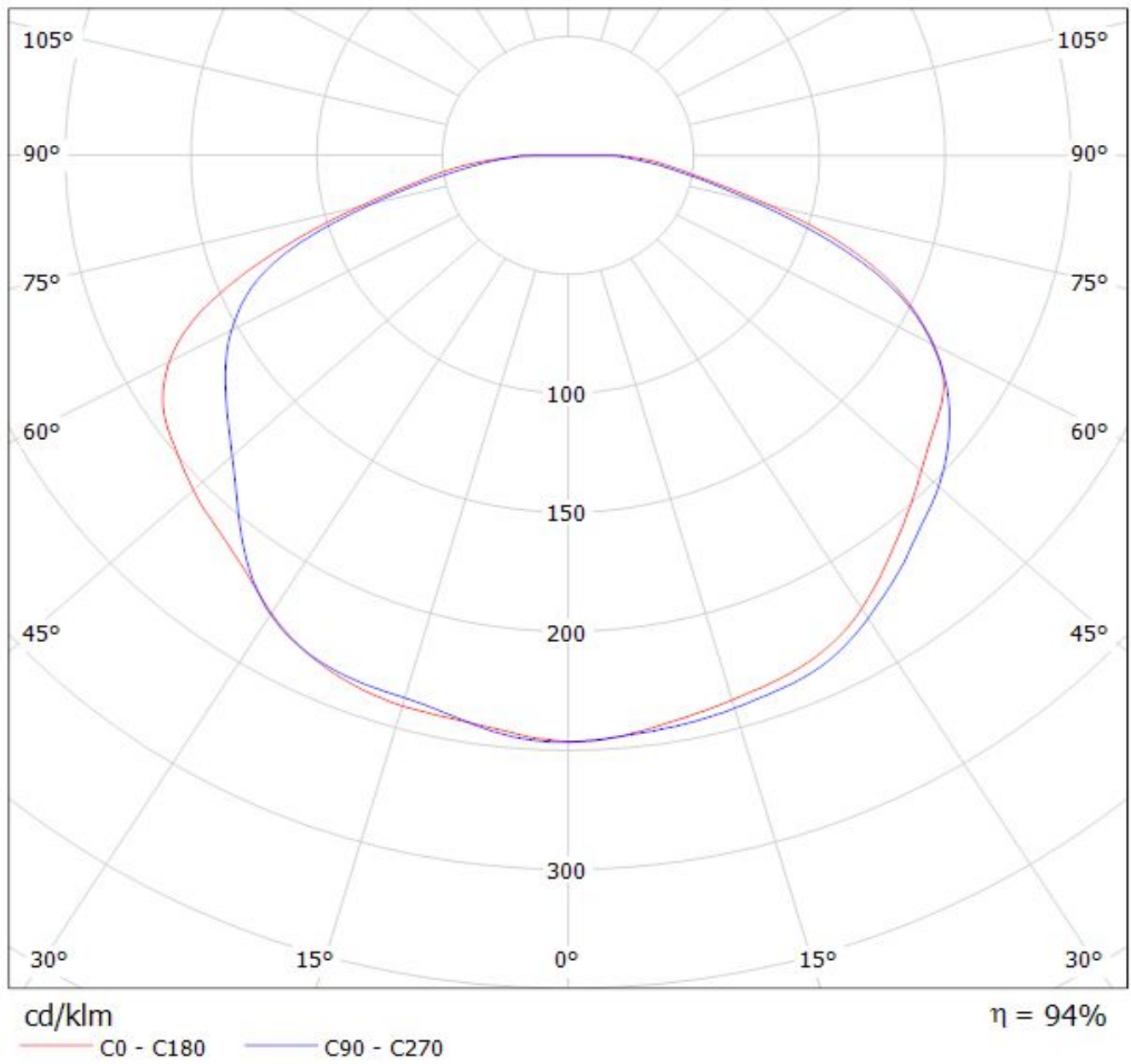
— C0 - C180 — C90 - C270

$\eta = 96\%$

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Luminaire: LEDiL Oy CA13014_SIRI-DIFF_(NS9x383) Eff 93,8%
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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.