

DETAILS

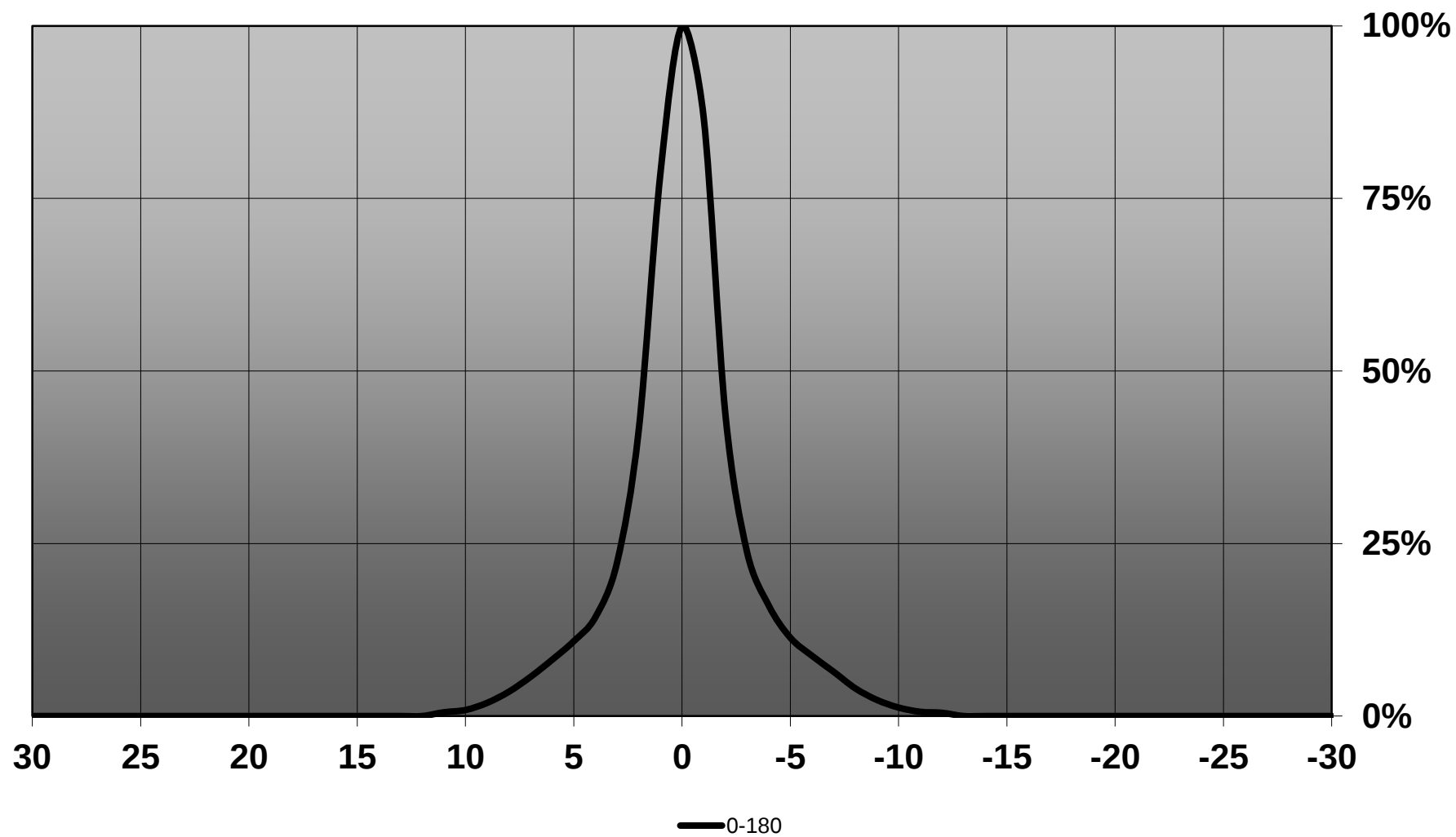
Product Number	CN13595_CRYSTAL-MINE
Family	Crystal
Type	Pack
Color	white
Diameter	46.8 mm
Height	27,4 mm
Style	round
Optic Material	PMMA
Holder Material	PC
Fastening	screw, pin
Status	ready
ROHS Compliant	Yes
Date Updated	15/06/2015



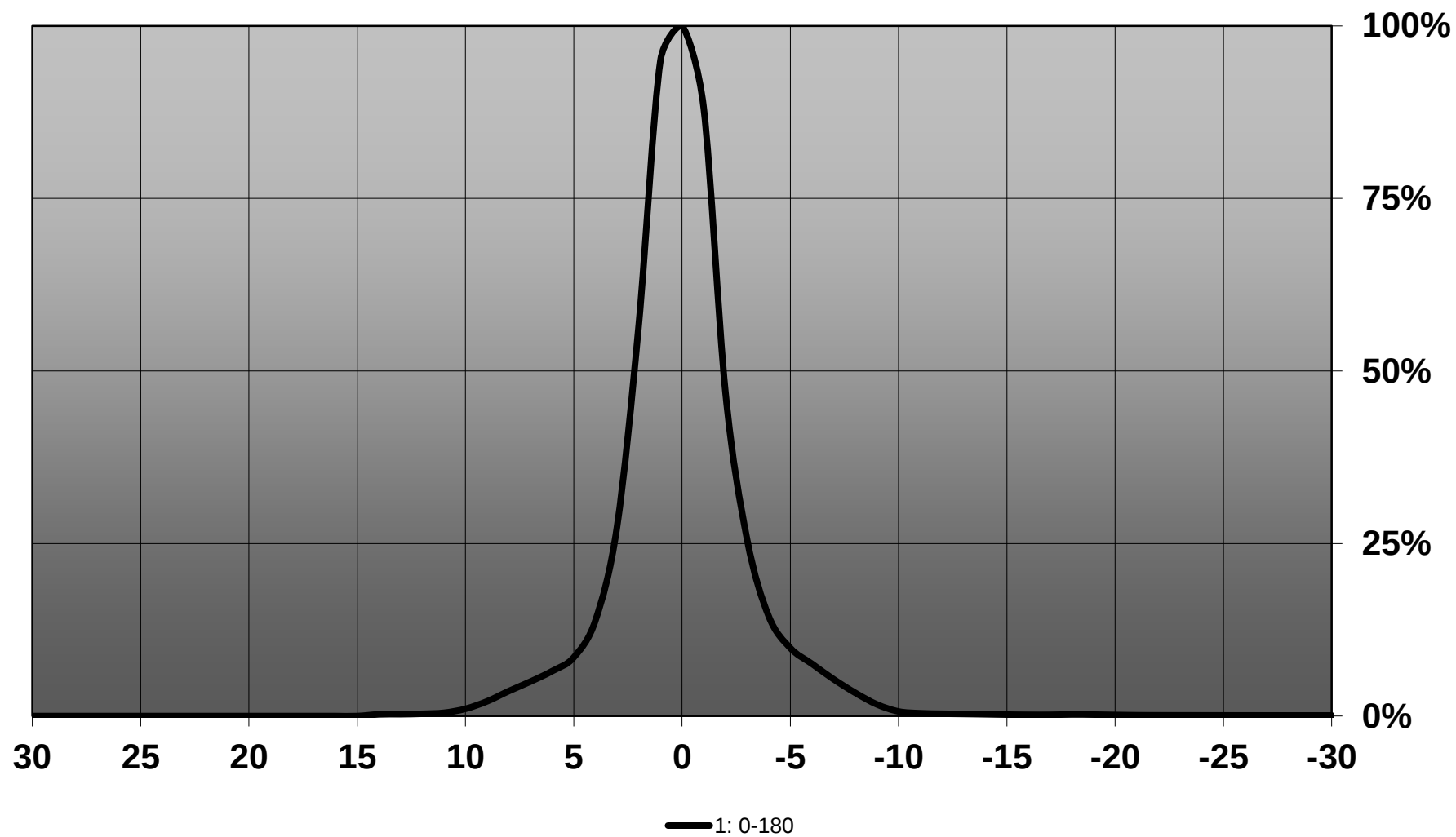
OPTICAL PROPERTIES

LED	Viewing	Light	Efficiency	cd/lm	Connector
	Angle	Beam			
NCSxx19B	3.6 deg	Spot	90 %	73.300	-
LH351Z	4.2 deg	Spot	90 %	71.400	-
XP-L HI	4.5 deg	Spot	92 %	60.000	-
XP-G2	4.6 deg	Spot	90 %	65.200	-
XP-G	4.7 deg	Spot	90 %	66.900	-
LUXEON A	4.9 deg	Spot	89 %	58.200	-
LUXEON T	4.9 deg	Spot	89 %	55.100	-
LUXEON TX	5.0 deg	Spot	94 %	50.600	-
LH351B	5.1 deg	Spot	90 %	51.770	-
XM-L2	6.9 deg	Spot	90 %	35.000	-
XP-L	7 deg	Spot	86 %	33.000	-

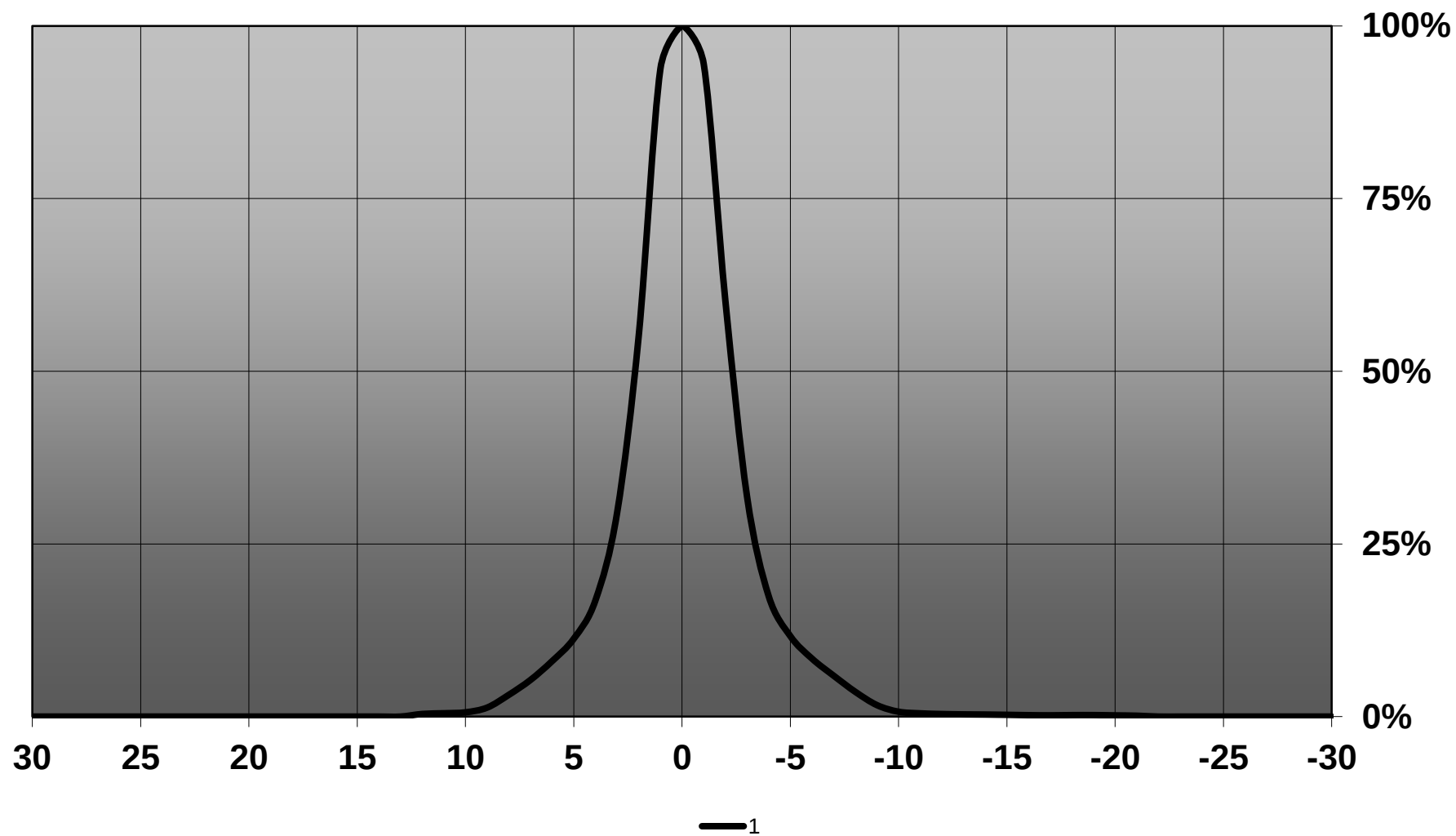
Relative intensity of CN13595_CRYSTAL-MINE_(NCSxx19B)



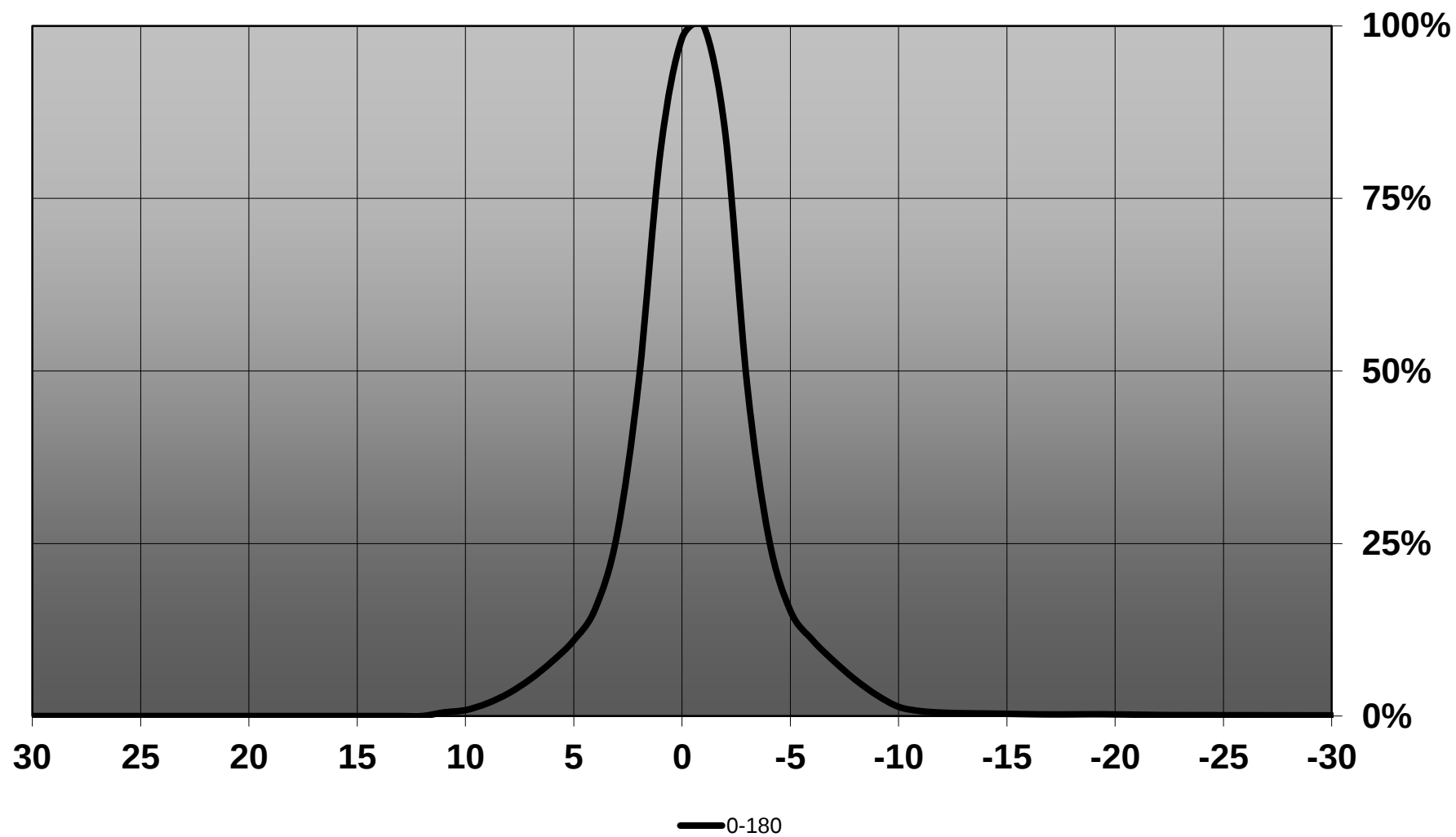
Relative intensity of CN13595_CRYSTAL-MINE_(LH351Z)



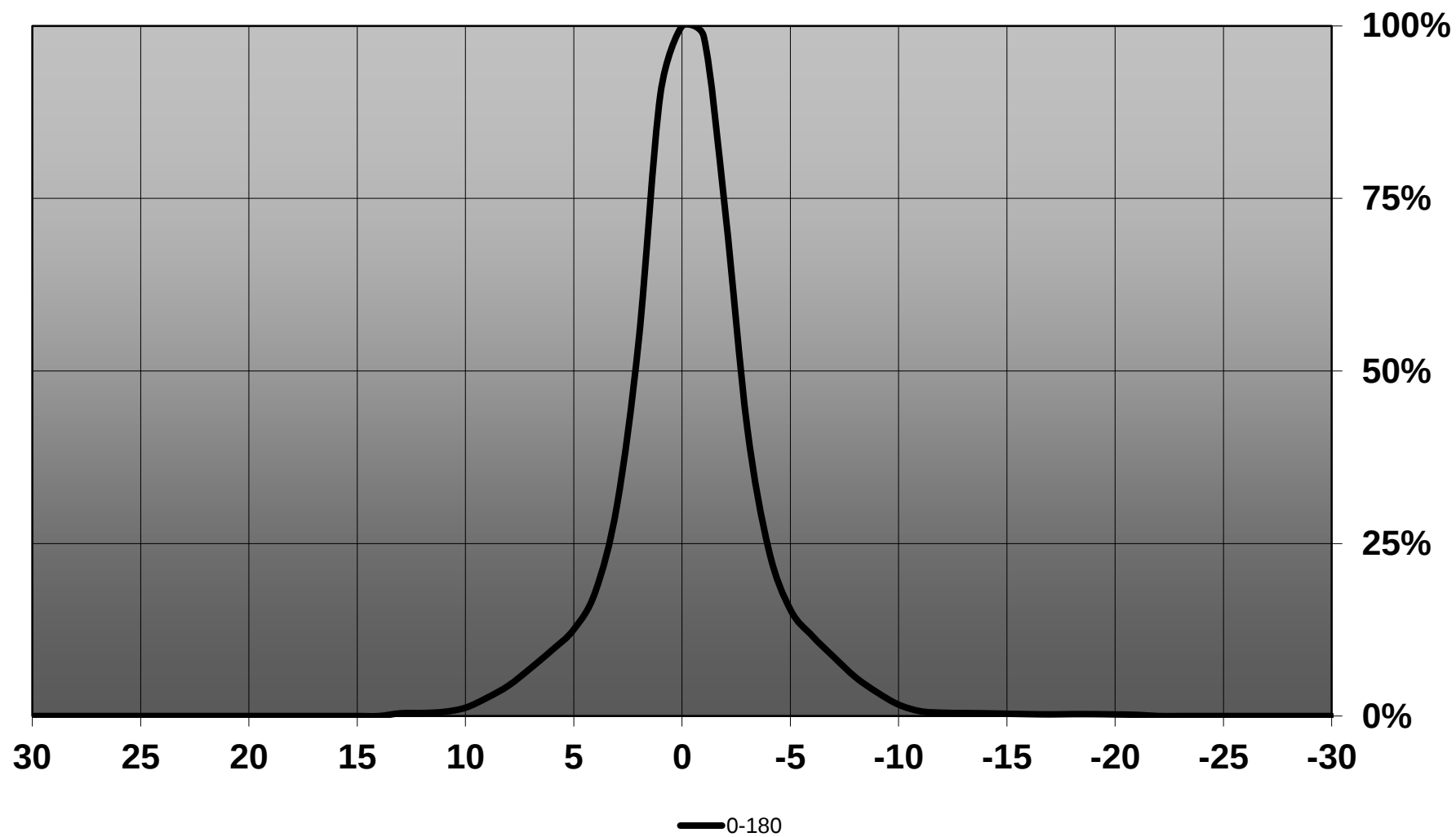
Relative intensity of CN13595_CRYSTAL-MINE_(XP-G2)



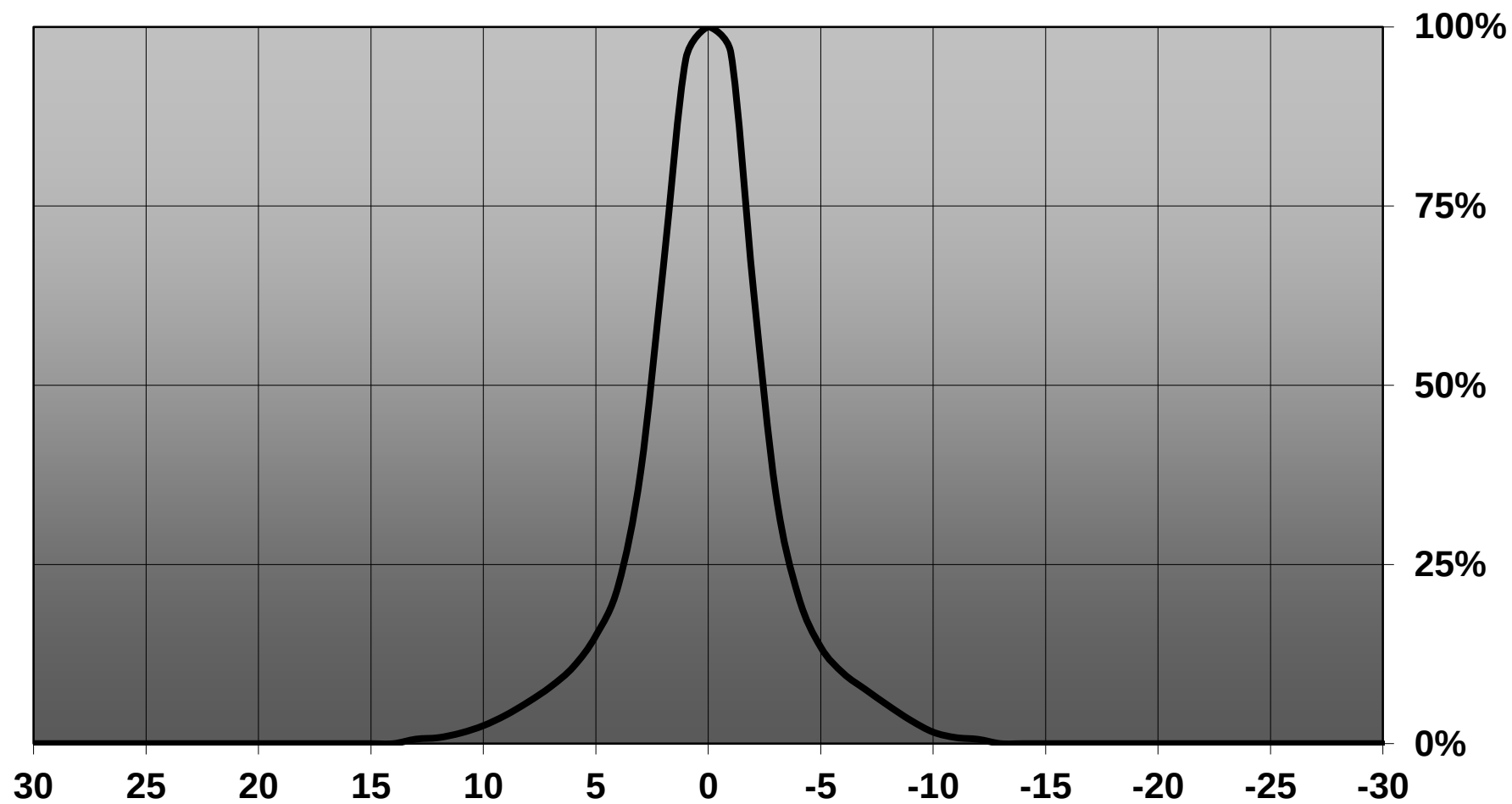
Relative intensity of CN13595_CRYSTAL-MINE_(Luxeon_A)



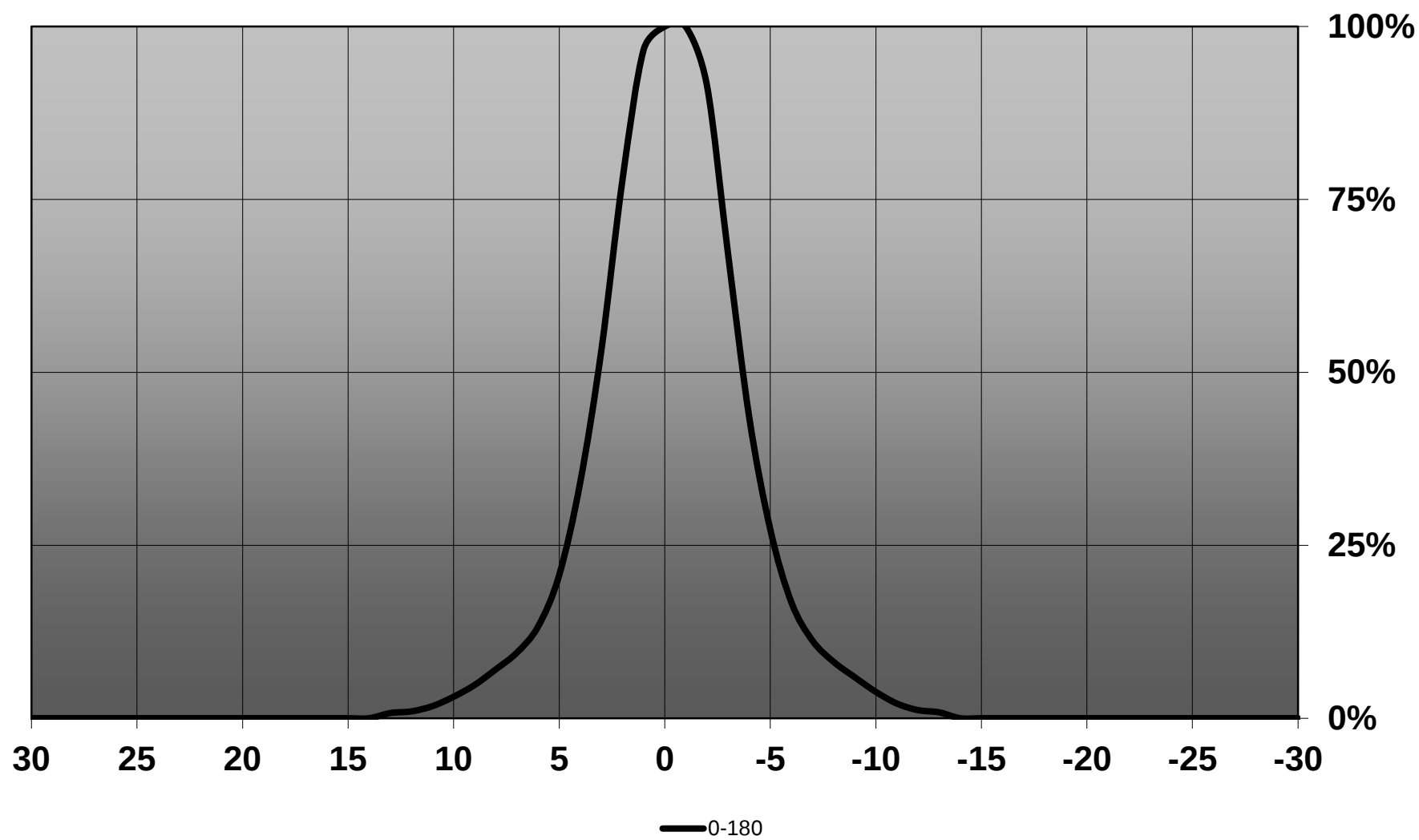
Relative intensity of CN13595_CRYSTAL-MINE_(Luxeon_T)

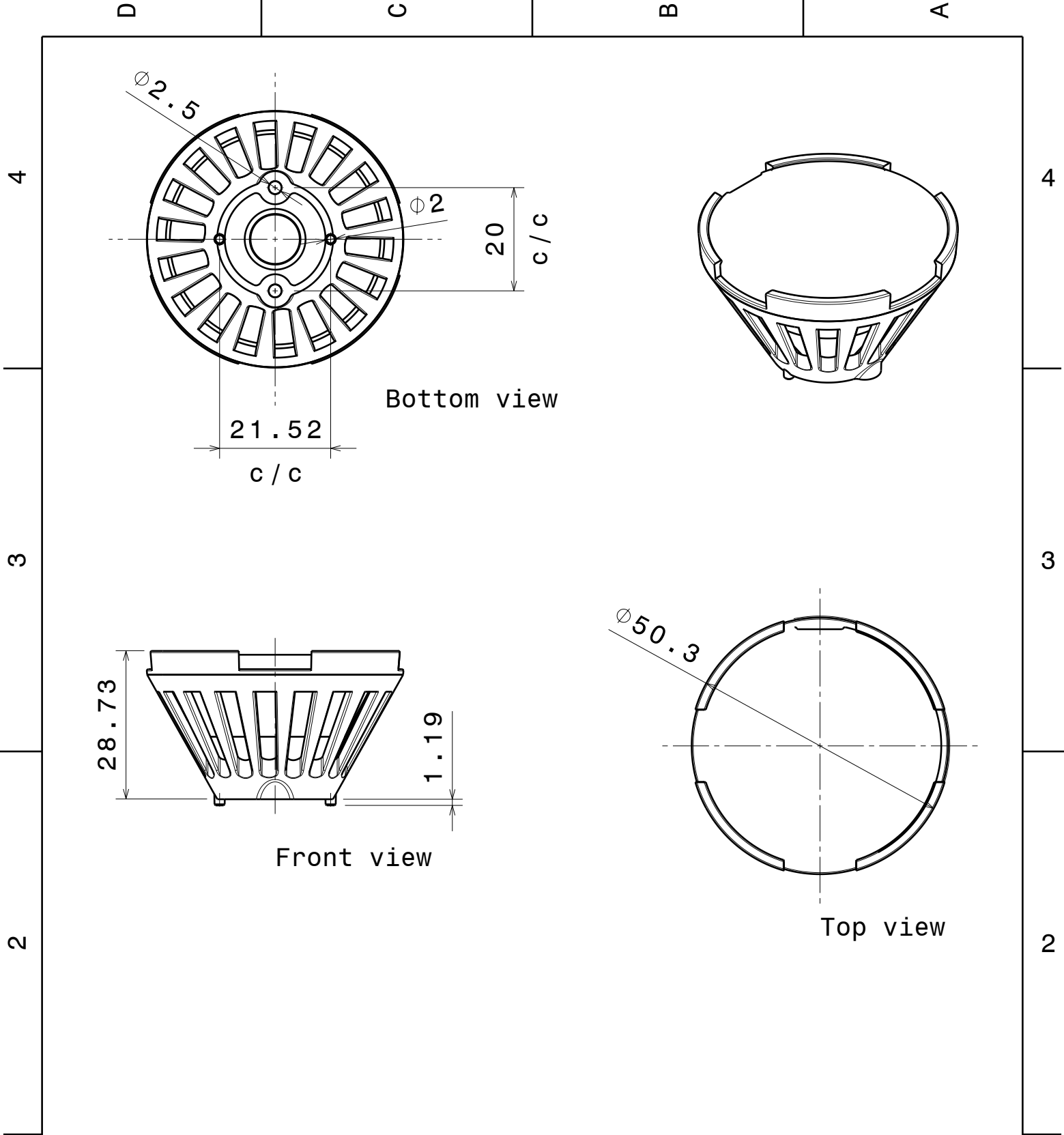


Relative intensity of CN13595_CRYSTAL-MINE_(LH351B)



Relative intensity of CN13595_CRYSTAL-MINE_(XM-L2)



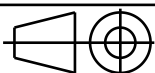


Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures: class C
According to DIN ISO 2768-2
Form and position: class L

LEDiL

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:



DRAWING TITLE

Crystal Assembly MechDrawing

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SIZE

A4

PART NUMBER

-

SCALE

1:1

WEIGHT

-

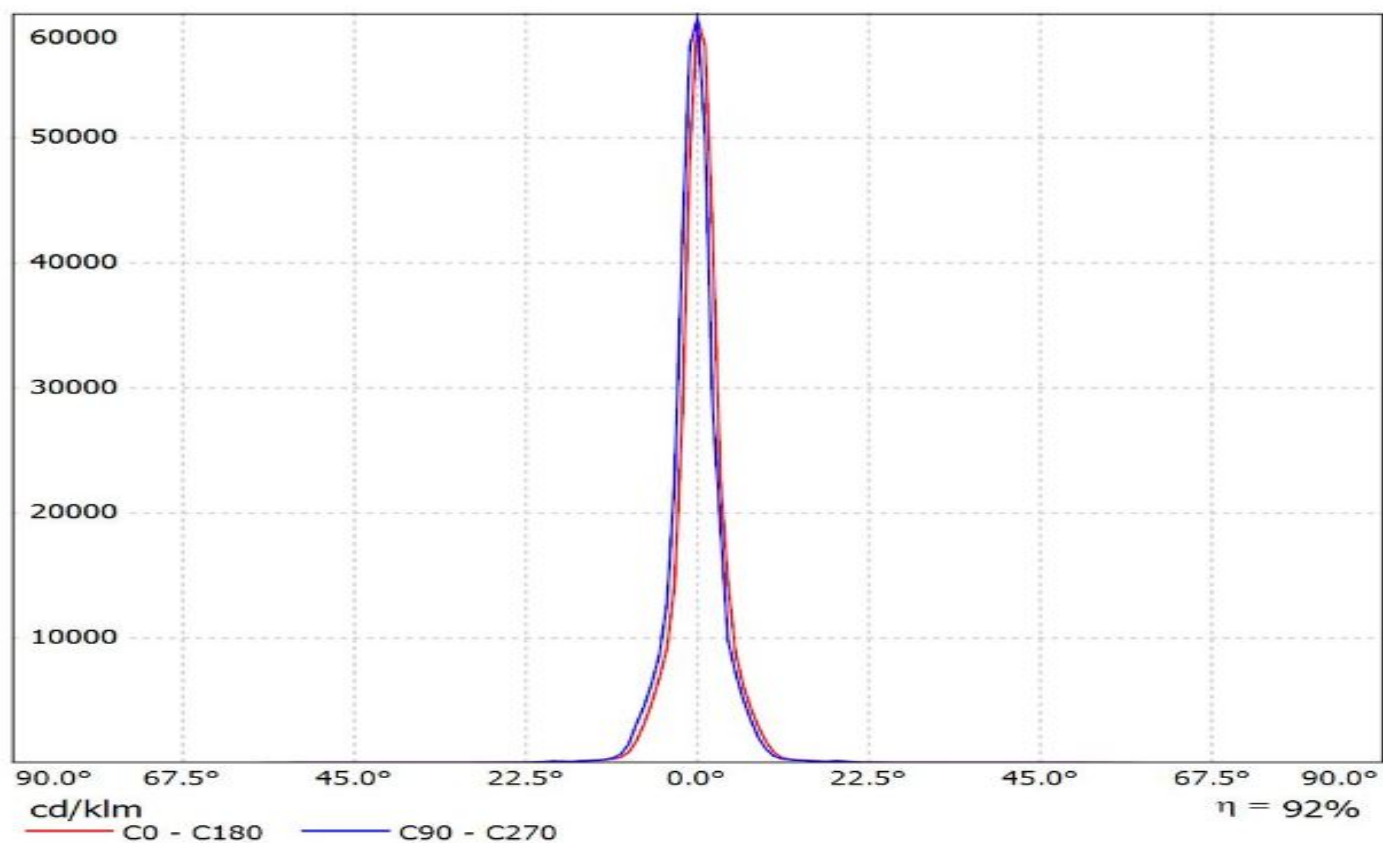
SHEET

1/1

Ledil CN13595_CRYSTAL-MINE_(XP-L_HI) / LDC (Linear)

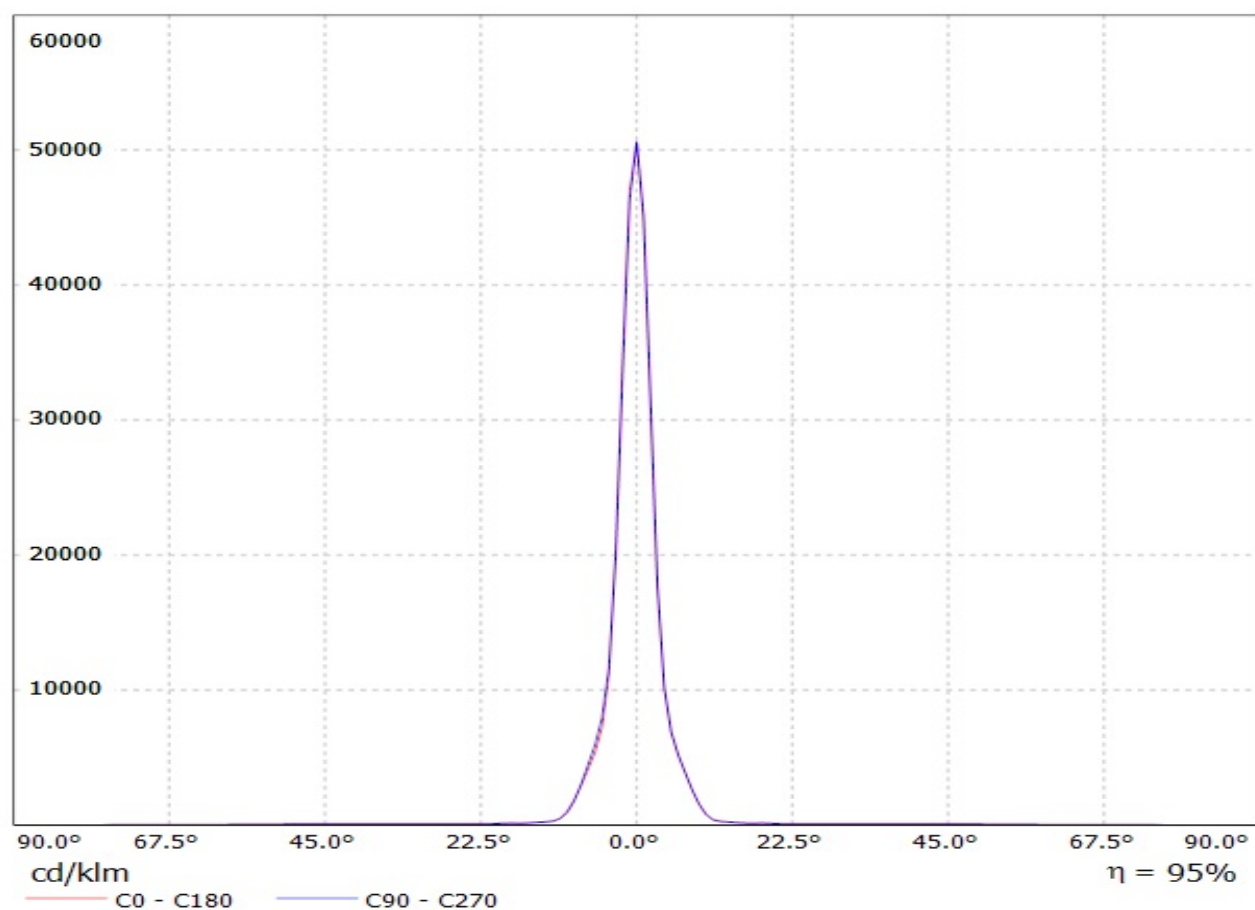
Luminaire: Ledil CN13595_CRYSTAL-MINE_(XP-L_HI)

Lamps: 1 x Cree_XP-L_HI_21.6891lm@250mA_P=0.13W_I=0.05A



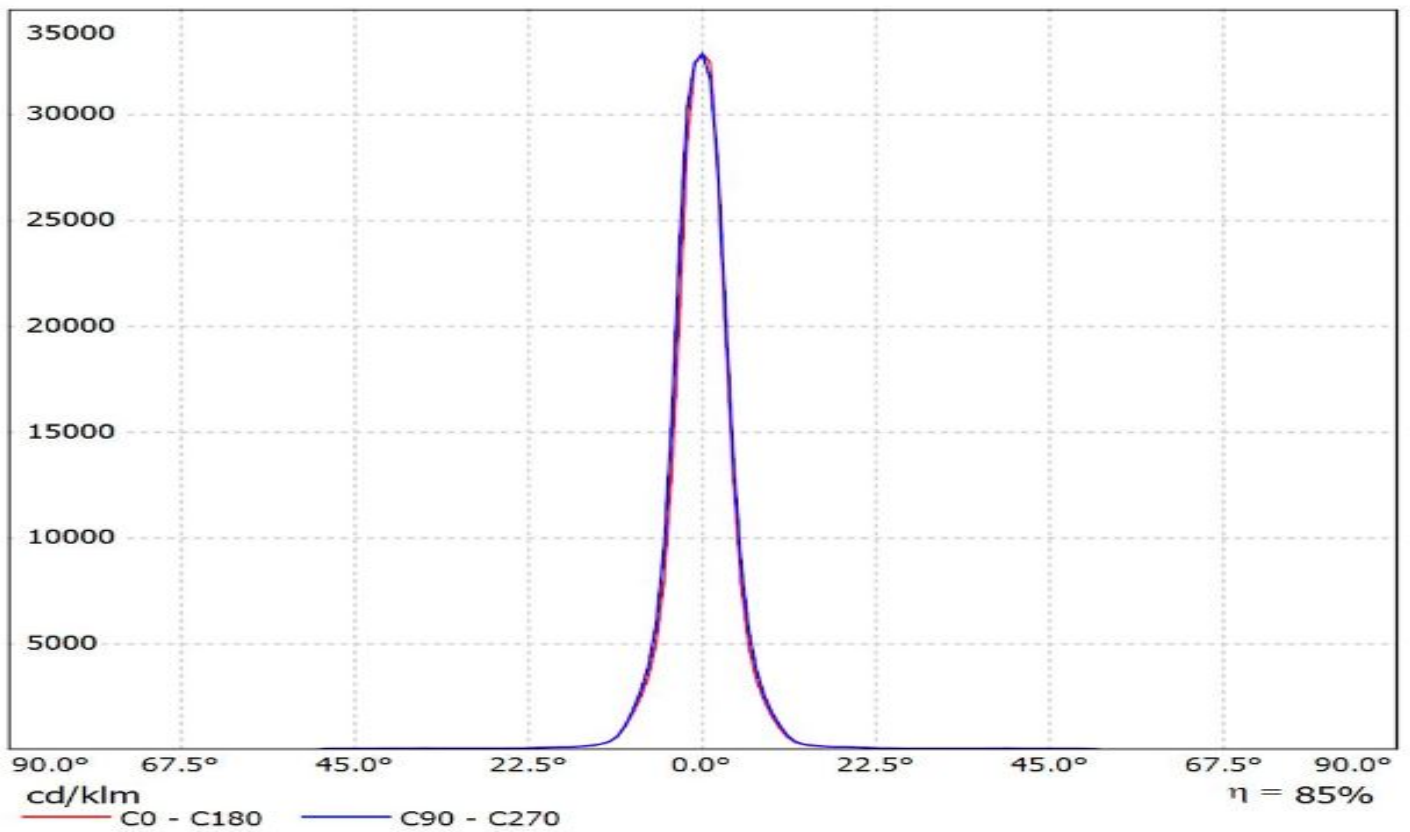
Luminaire: LEDiL Oy CN13595_CRYSTAL-MINE_(Luxeon_TX)

Lamps: 1 x Philips_Lumileds_Luxeon_TX_(L1T2-3585)_79.5244lm@250mA_CCT=3554K_P=0.740729W_I=0.2499A



Ledil CN13595_CRYSTAL-MINE_(XP-L) / LDC (Linear)

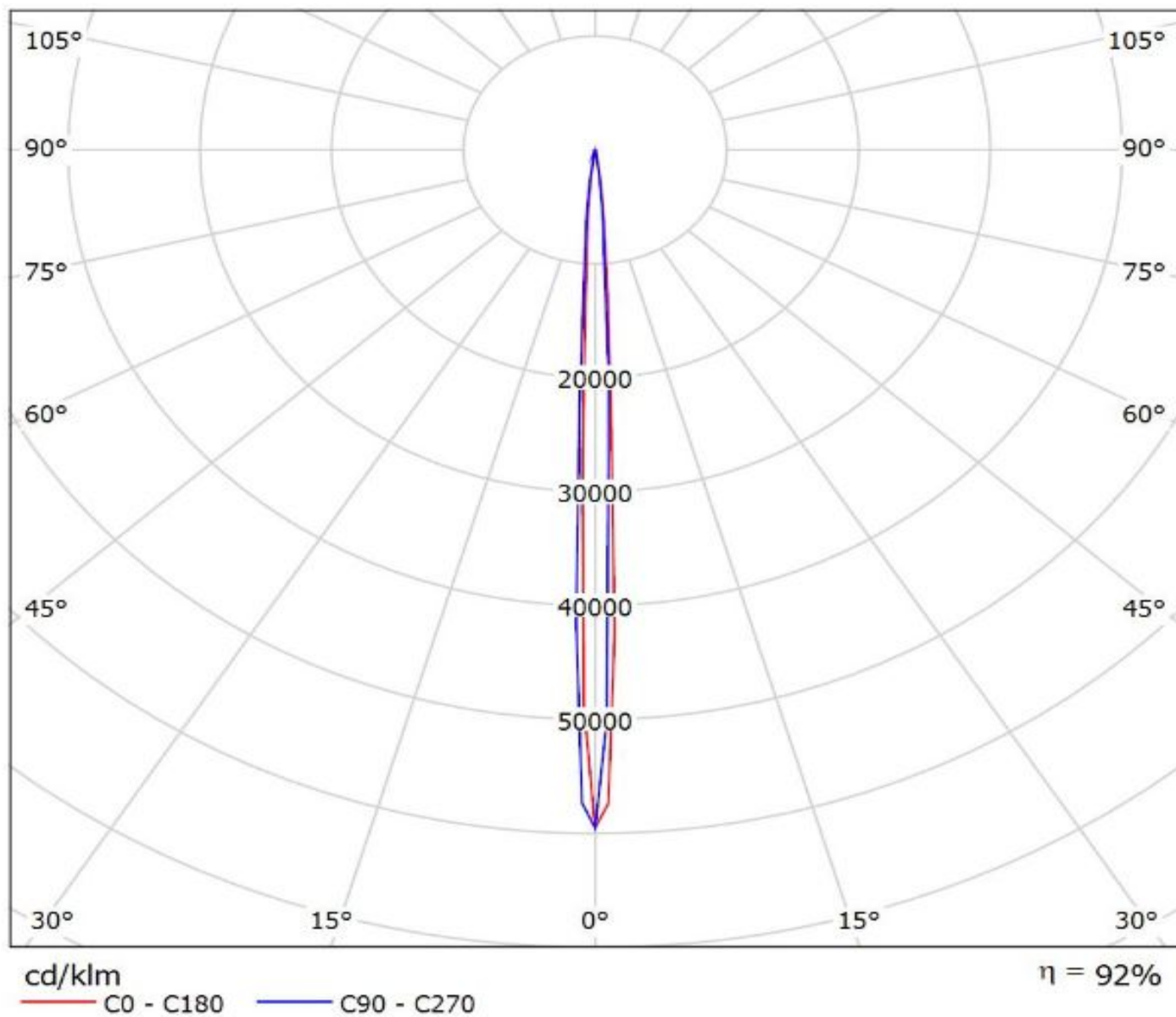
Luminaire: Ledil CN13595_CRYSTAL-MINE_(XP-L)
Lamps: 1 x CREE_XP-L_(XPLAWT-0-7A3-U50-0H-0001)
_107.852lm@250mA_CCT=3185K_P=0.7W_I=0.25A



Ledil CN13595_CRYSTAL-MINE_(XP-L_HI) / LDC (Polar)

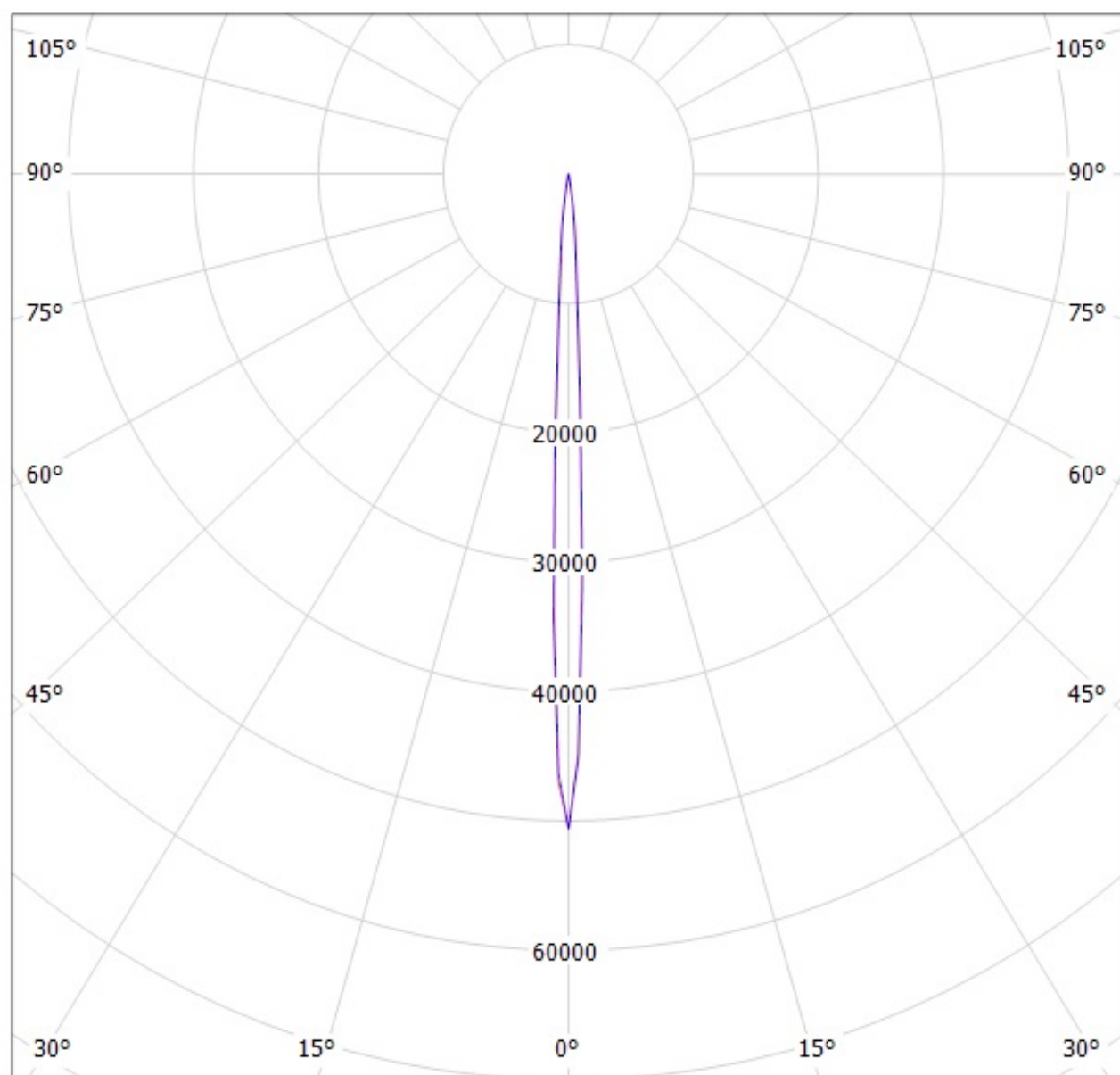
Luminaire: Ledil CN13595_CRYSTAL-MINE_(XP-L_HI)

Lamps: 1 x Cree_XP-L_HI_21.6891lm@250mA_P=0.13W_I=0.05A



Luminaire: LEDiL Oy CN13595_CRYSTAL-MINE_(Luxeon_TX)

Lamps: 1 x Philips_Lumileds_Luxeon_TX_(L1T2-3585)_79.5244lm@250mA_CCT=3554K_P=0.740729W_I=0.2499A



cd/klm

$\eta = 95\%$

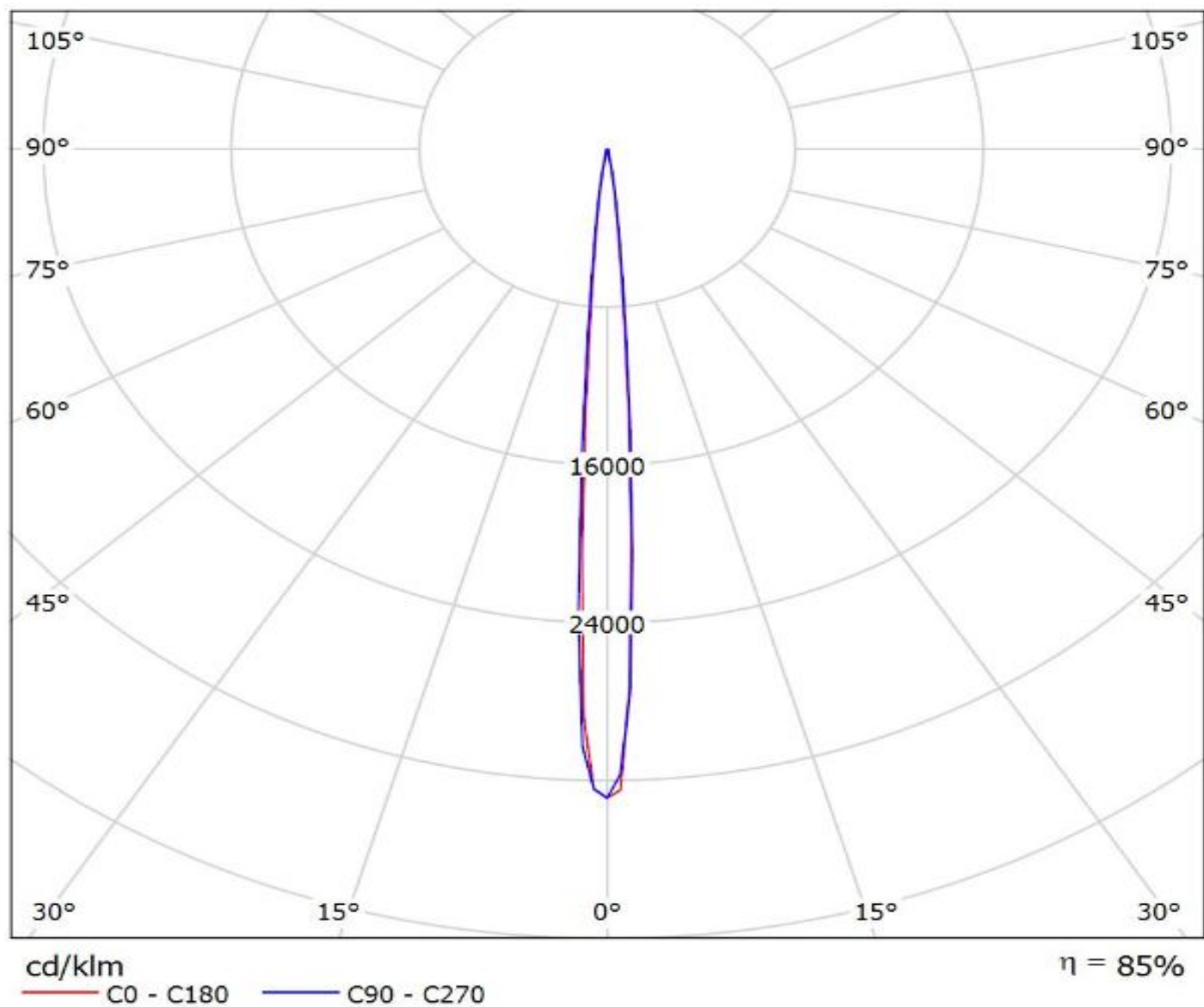
— C0 - C180 — C90 - C270

Ledil CN13595_CRYSTAL-MINE_(XP-L) / LDC (Polar)

Luminaire: Ledil CN13595_CRYSTAL-MINE_(XP-L)

Lamps: 1 x CREE_XP-L_(XPLAWT-0-7A3-U50-0H-0001)

_107.852lm@250mA_CCT=3185K_P=0.7W_I=0.25A



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.