PRODUCT DATASHEET
Crystal series
last update 15/6/2015

DETAILS



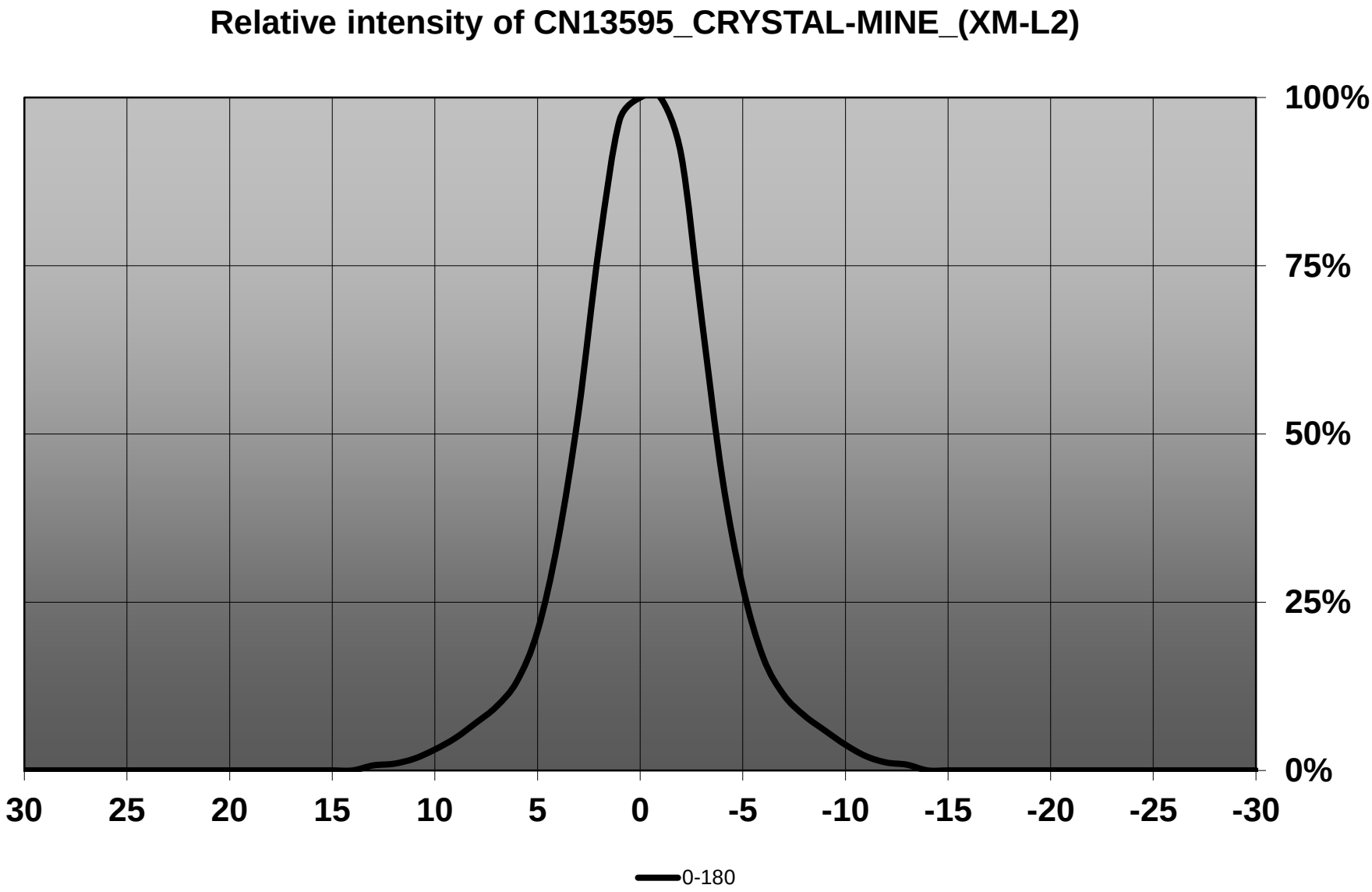
Product Number	F12985_CRYSTAL-MINE
Family	Crystal
Type	Lens
Color	clear
Diameter	46,8 mm
Height	27,4 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	
Status	production ready
ROHS Comliant	Yes
Date Updated	15/06/2015

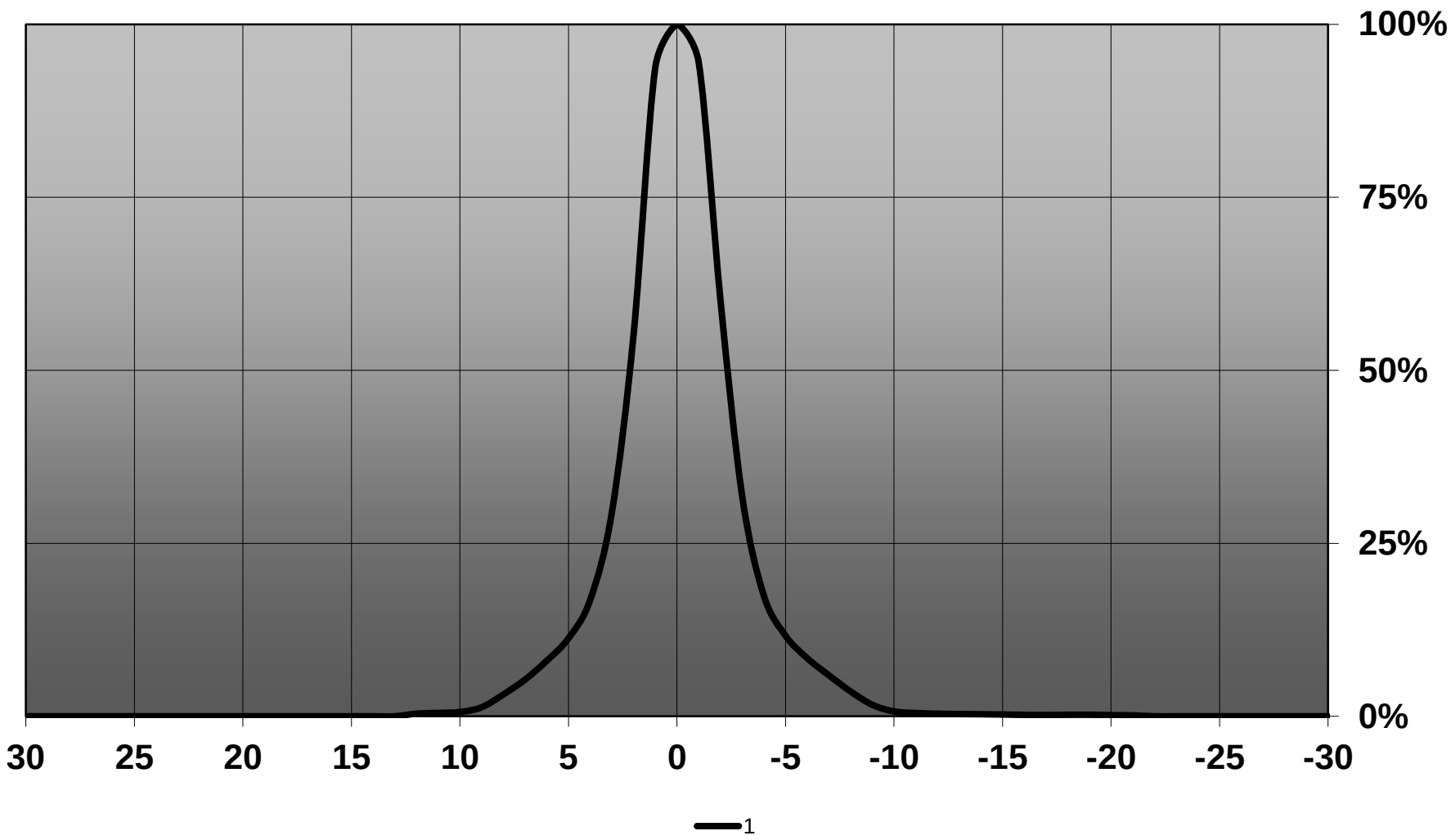
OPTICAL PROPERTIES

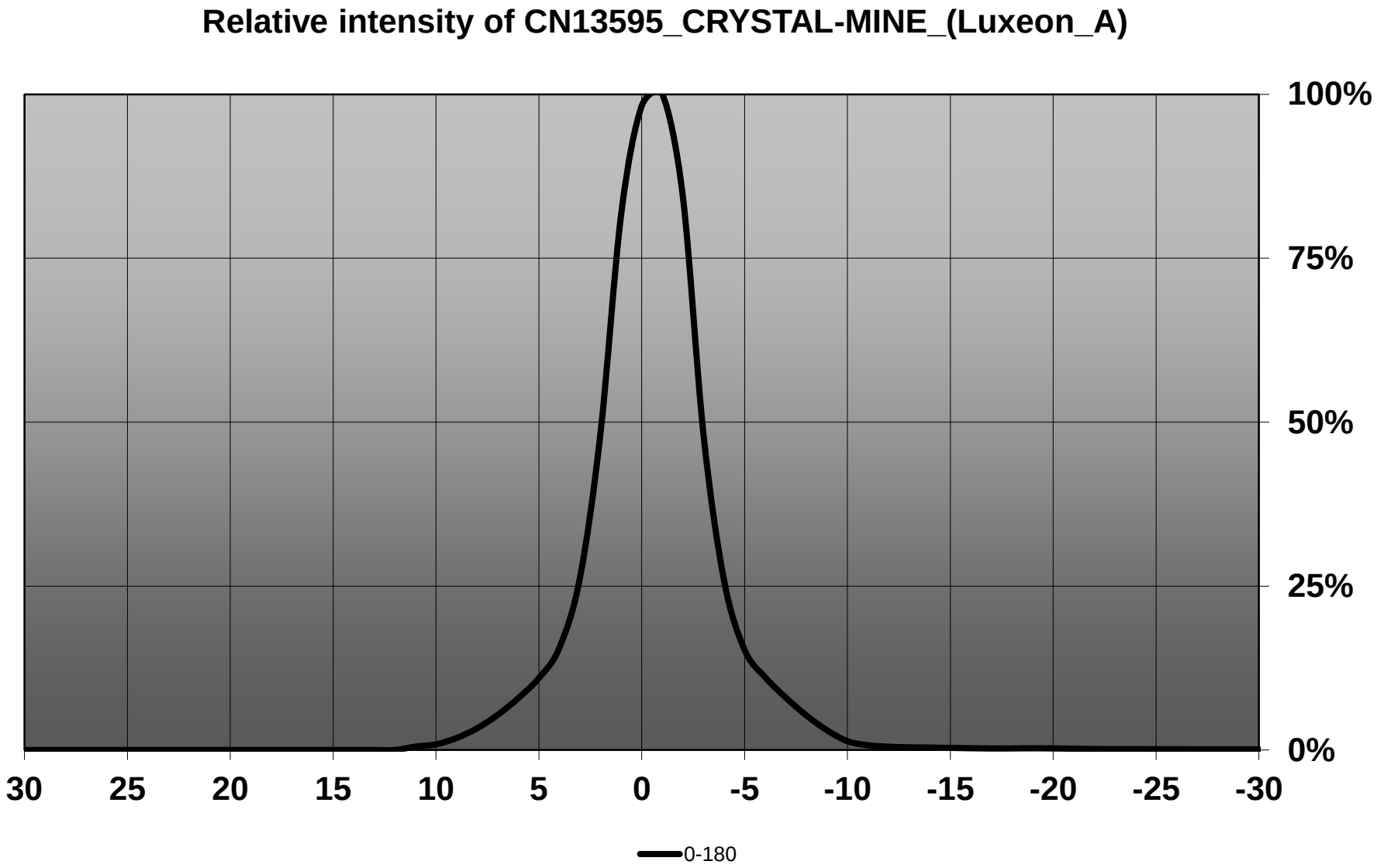
LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
XP-E	3 deg	Spot	92 %	96.000	-
XP-G	4.7 deg	Spot	90 %	66.900	-
XM-L2	6.9 deg	Spot	90 %	35.000	-
XP-G2	4.6 deg	Spot	90 %	65.200	-
LUXEON A	4.9 deg	Spot	89 %	58.200	-
LUXEON T	4.9 deg	Spot	89 %	55.100	-
LUXEON TX	5.0 deg	Spot	94 %	50.600	-
NCSxx19B	3.6 deg	Spot	90 %	73.300	-
LH351Z	4.2 deg	Spot	90 %	71.400	-
LH351B	5.1 deg	Spot	90 %	51.770	-

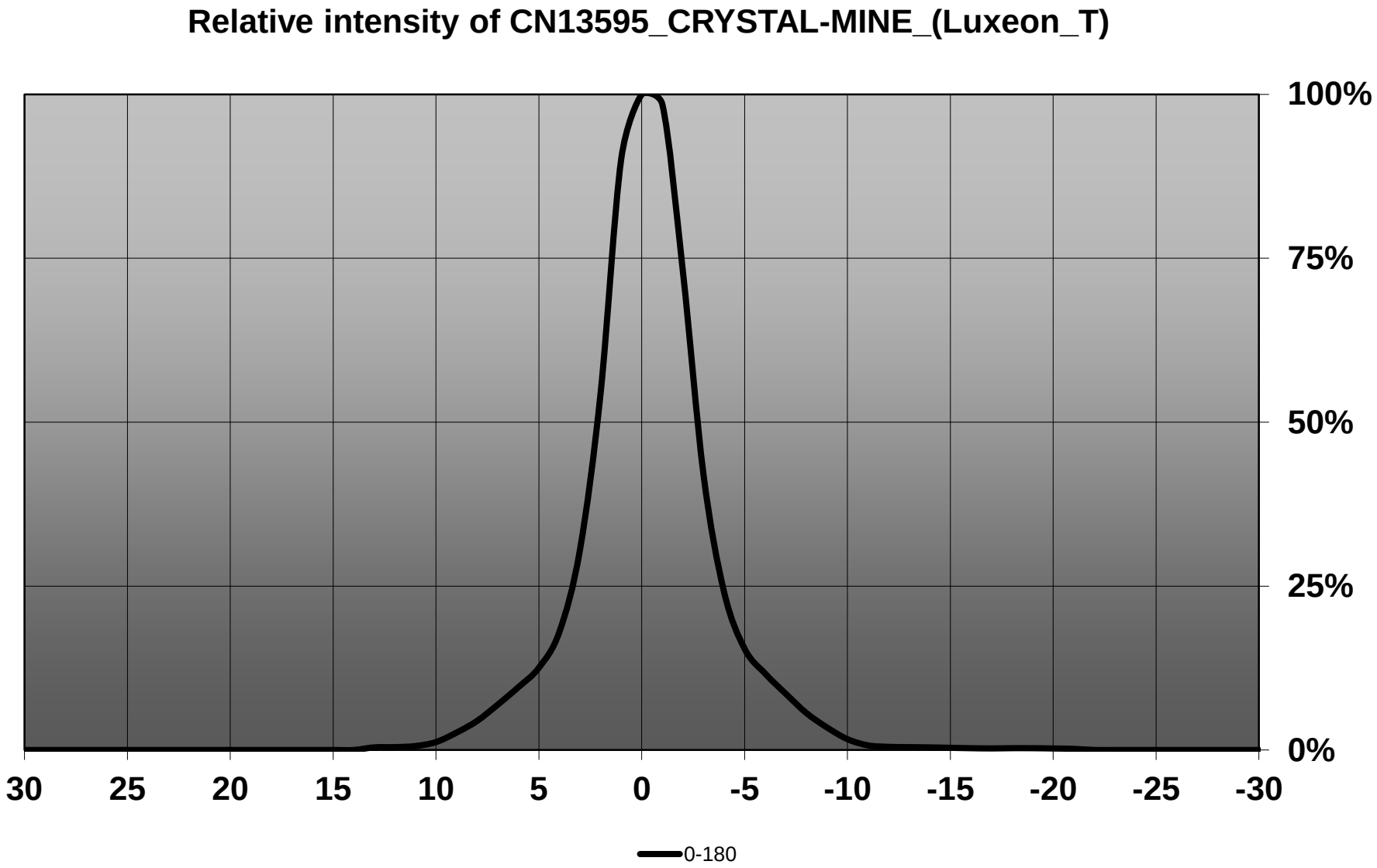
Ledil Oy
Salorankatu 10
24240 SALO, Finland

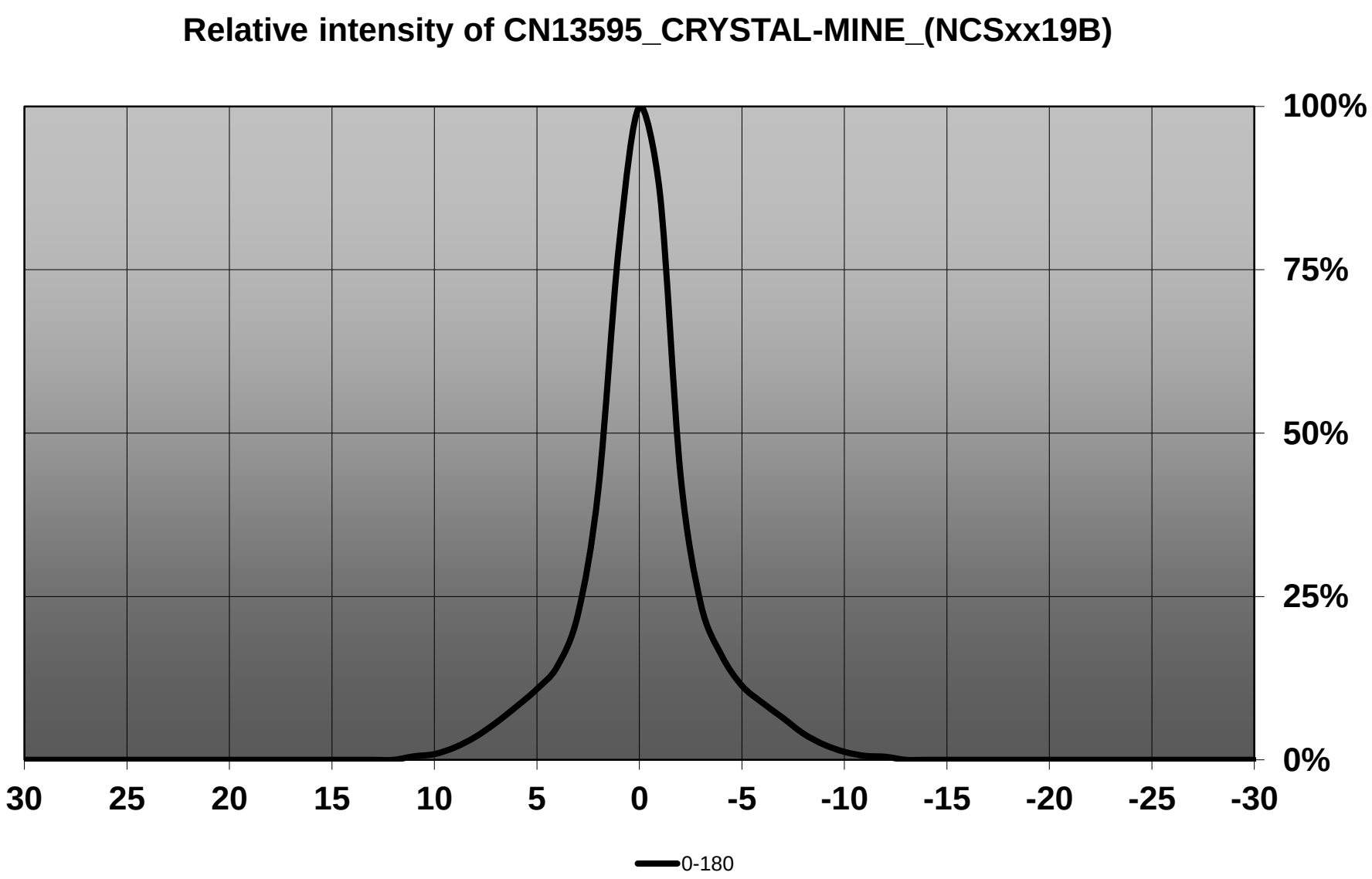
http://www.ledil.com
email: ledil@ledil.com
FAX: +358-2-733 8001

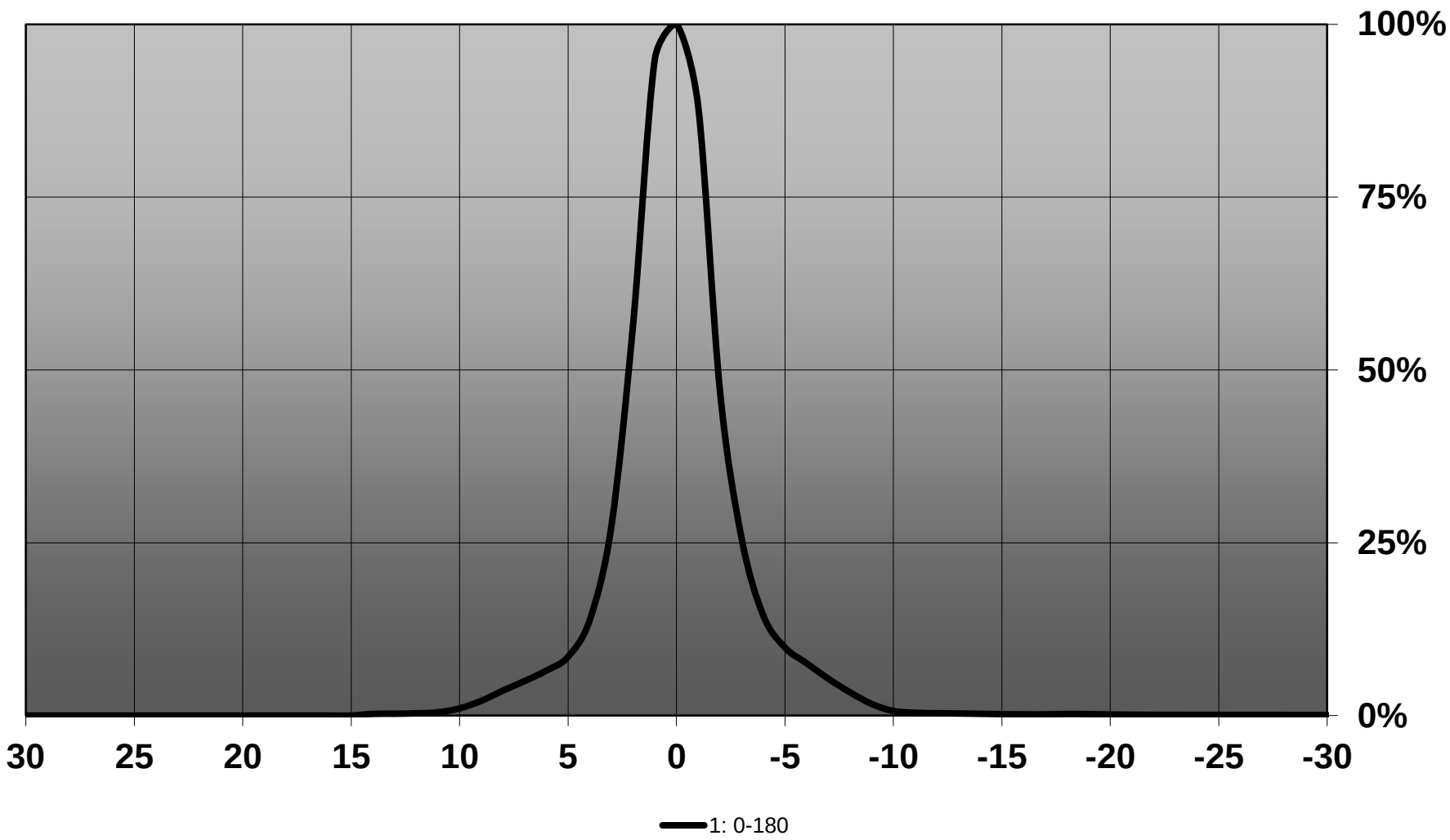

Relative intensity of CN13595_CRYSTAL-MINE_(XM-L2)
100%
75%
50%
25%
0%
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
0-180

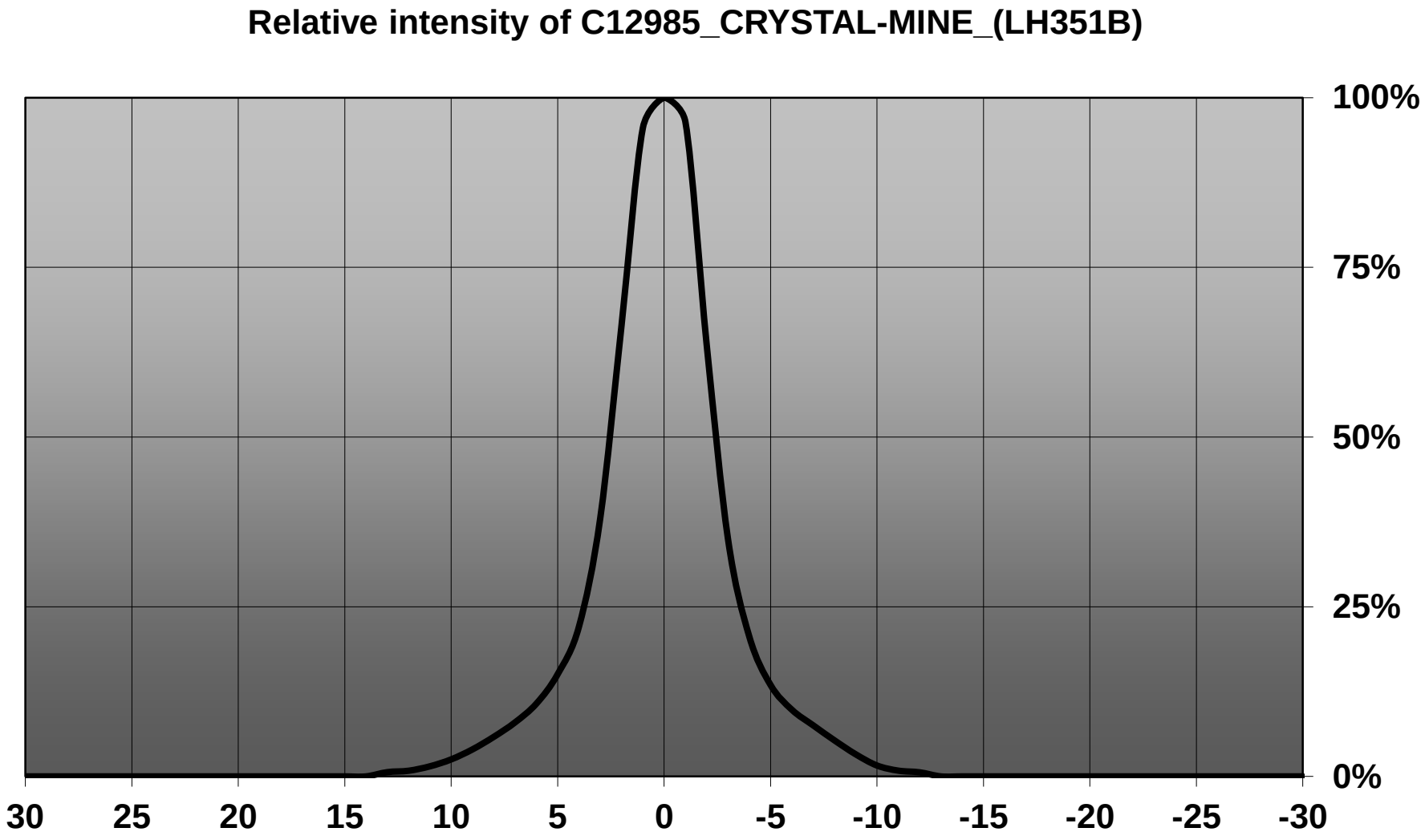

Relative intensity of CN13595_CRYSTAL-MINE_(XP-G2)
100%
75%
50%
25%
0%
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
1

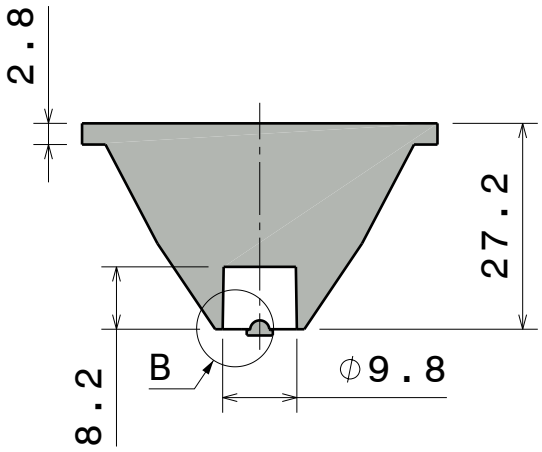

Relative intensity of CN13595_CRYSTAL-MINE_(Luxeon_A)
100%
75%
50%
25%
0%
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
0-180


Relative intensity of CN13595_CRYSTAL-MINE_(Luxeon_T)
100%
75%
50%
25%
0%
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
0-180


Relative intensity of CN13595_CRYSTAL-MINE_(NCSxx19B)
100%
75%
50%
25%
0%
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
0-180


Relative intensity of C12985_CRYSTAL-MINE_(LH351Z)
100%
75%
50%
25%
0%
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
1: 0-180

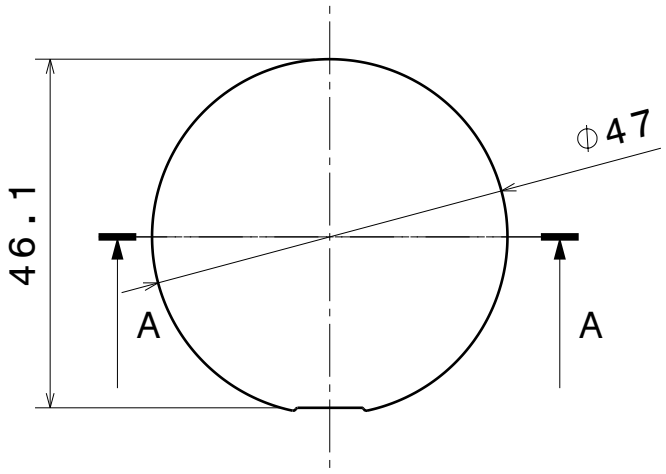

Relative intensity of C12985_CRYSTAL-MINE_(LH351B)
100%
75%
50%
25%
0%
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30

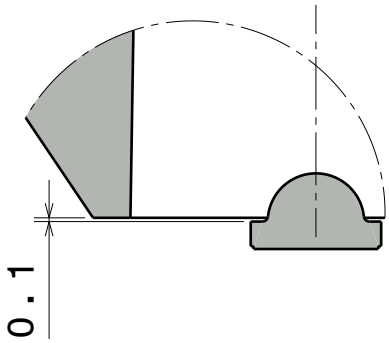


Section view A-A
Scale: 1:1



Isometric view
Scale: 1:1





Detail B
Scale: 5:1

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

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FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
CRYSTAL_MechDrawing

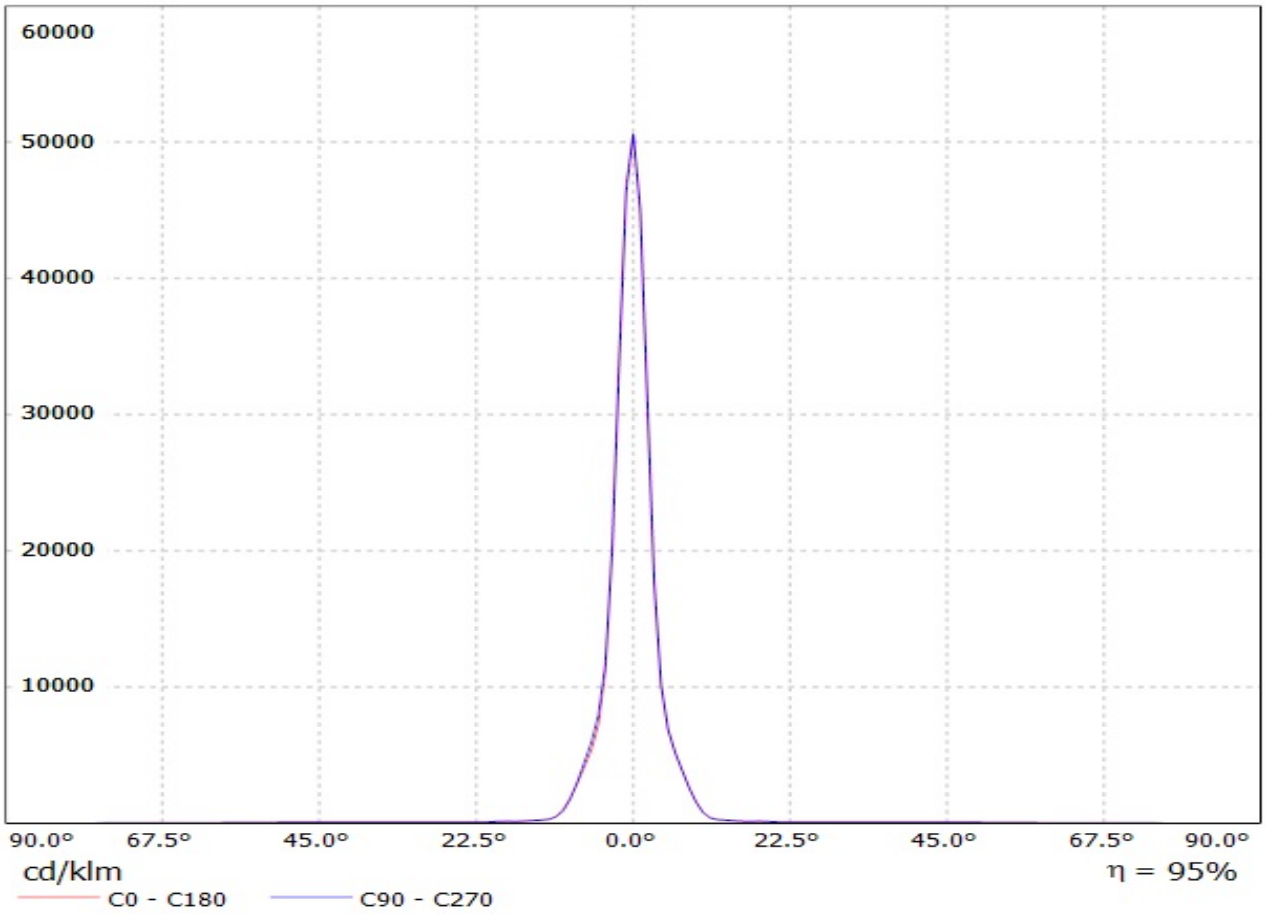
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SIZE A4

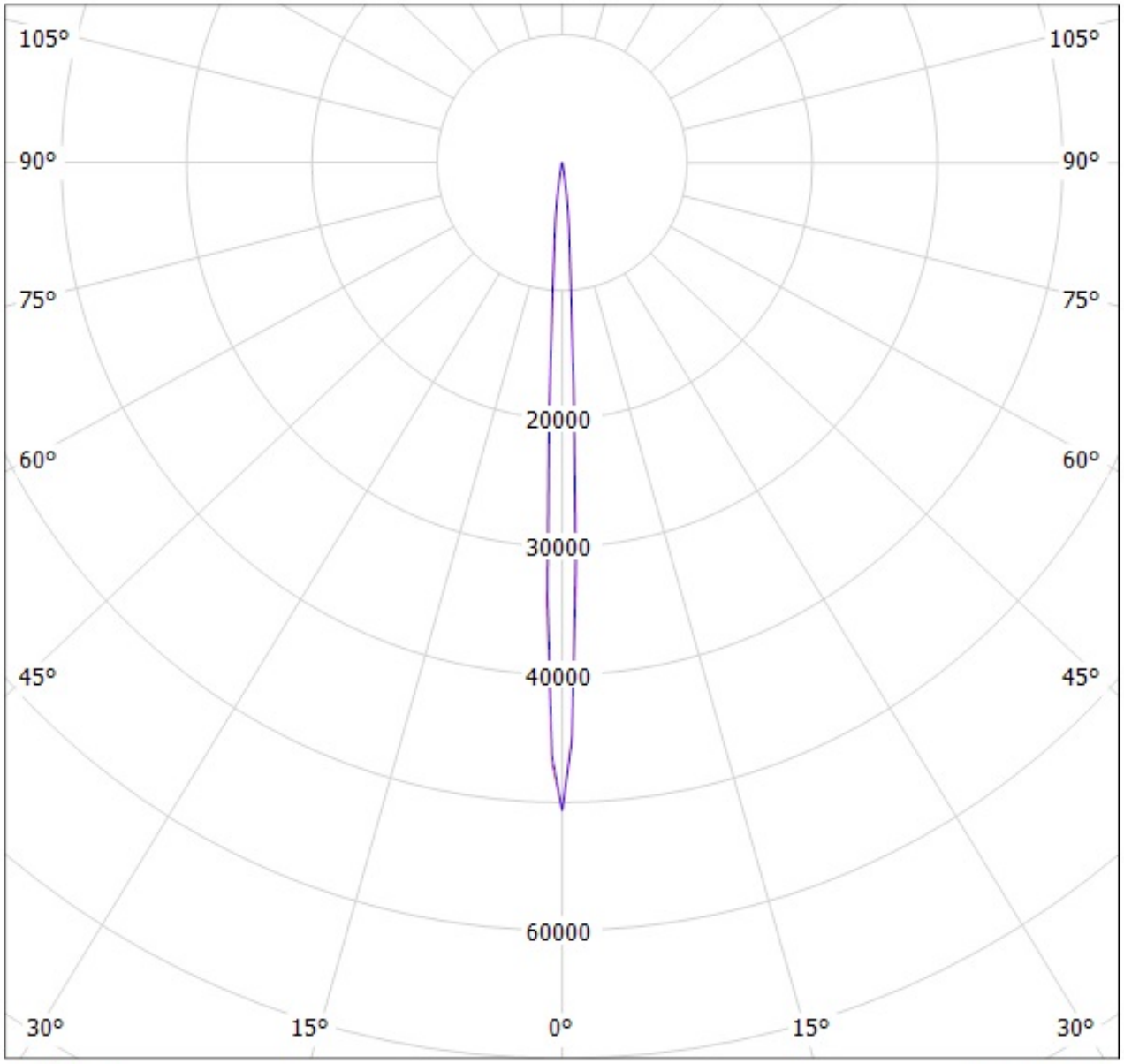
PART NUMBER -

SCALE 1:1 | WEIGHT - | SHEET 1/1

Luminaire: LEDiL Oy C12985_CRYSTAL-MINE_(Luxeon_TX)
Lamps: 1 x Philips_Lumileds_Luxeon_TX_(L1T2-3585)_79.5244lm@250mA_CCT=3554K_P=0.740729W_I=0.2499A



Luminaire: LEDiL Oy C12985_CRYSTAL-MINE_(Luxeon_TX)
Lamps: 1 x Philips_Lumileds_Luxeon_TX_(L1T2-3585)_79.5244lm@250mA_CCT=3554K_P=0.740729W_I=0.2499A



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.