

DETAILS

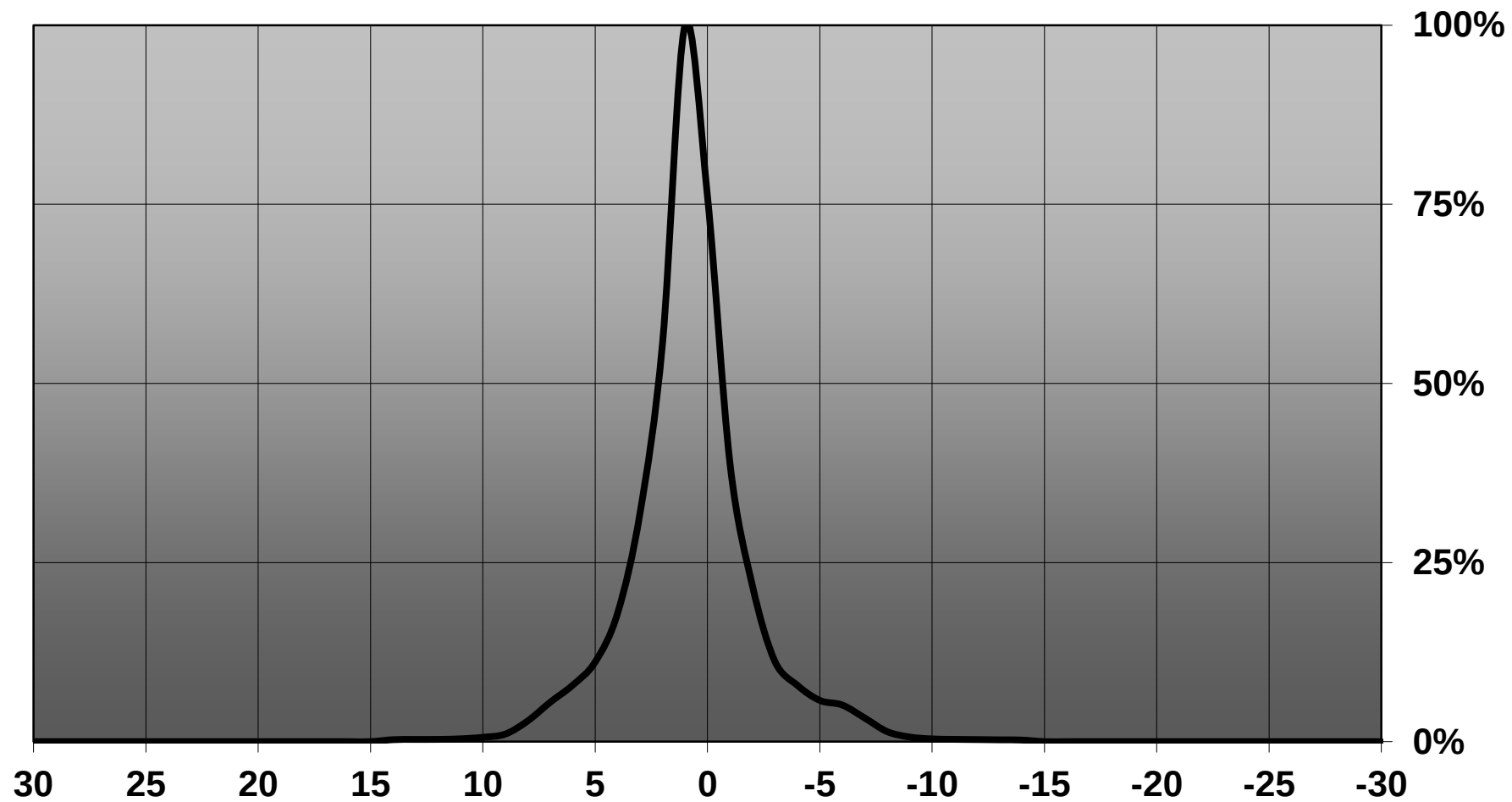
Product Number	FCN13552_CRYSTAL-RS
Family	Crystal
Type	Pack
Color	white
Diameter	49,7 mm
Height	28,7 mm
Style	round
Optic Material	PMMA
Holder Material	PC
Fastening	screw, pin
Status	production ready
ROHS Comliant	Yes
Date Updated	21/10/2015

OPTICAL PROPERTIES

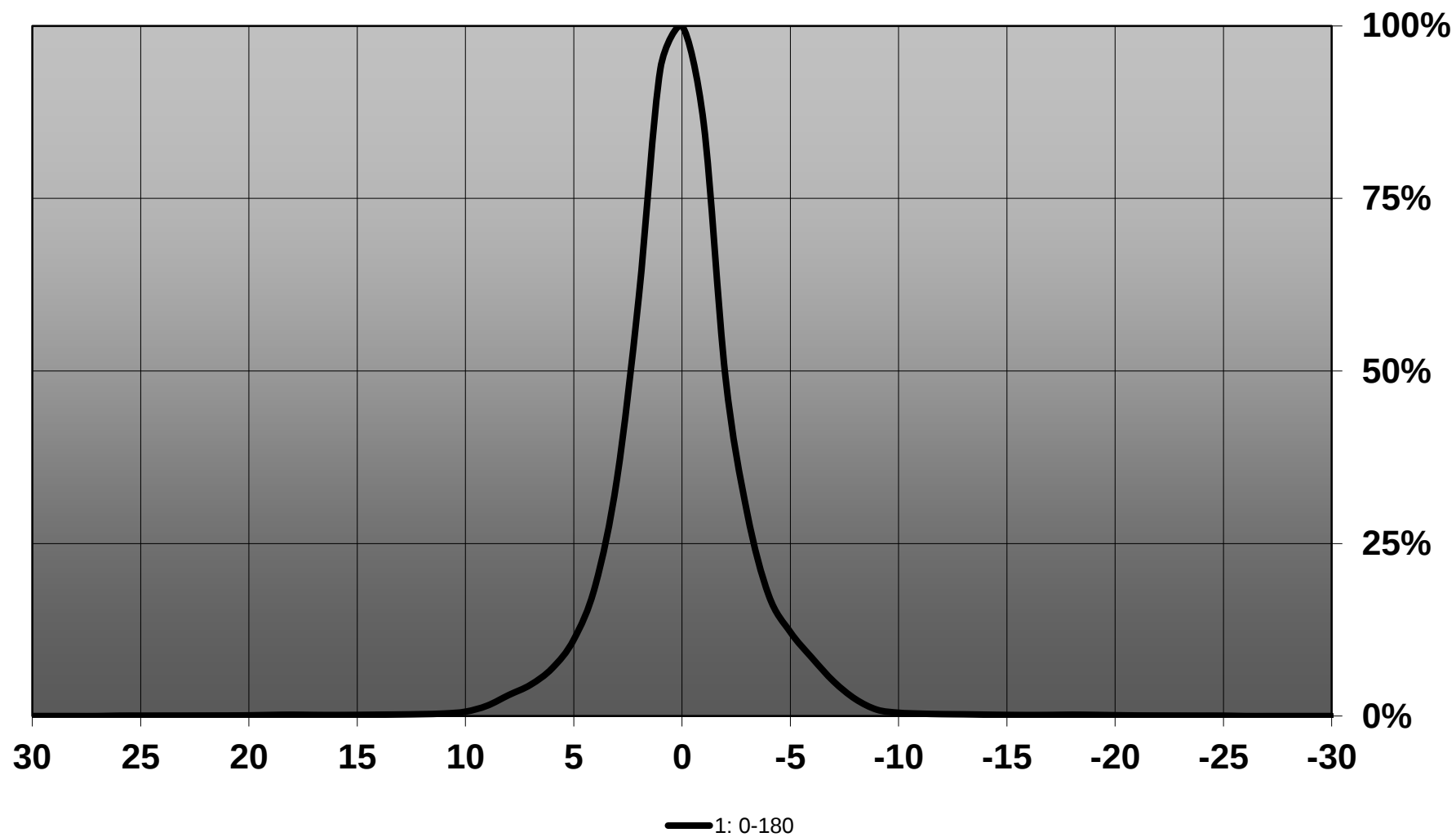
LED	Viewing Angle	Light Beam	Effi- ciency	cd/lm	Connector
XQ-E HI	2.9 deg	Real spot	88 %	110.500	-
LUXEON Z ES	3 deg	Real spot	93 %	103.780	-
LH351Z	4.4 deg	Real spot	90 %	77.000	-
XP-G	4.9 deg	Real spot	89 %	68.290	-
XHP35 HI	5,7 deg	Real spot	89 %	48.300	-
LUXEON A	5.1 deg	Real spot	89 %	58.900	-
NVSxx19B/NVSxx19C	5.3 deg	Real spot	89 %	42.500	-
LH351B	5.3 deg	Real spot	90 %	57.030	-
XP-L	7 deg	Real spot	88 %	34.700	-
NWSx229A	8 deg	Real spot	92 %	27.900	-
NV4x144A	12 deg	Real spot	92 %	14.200	-



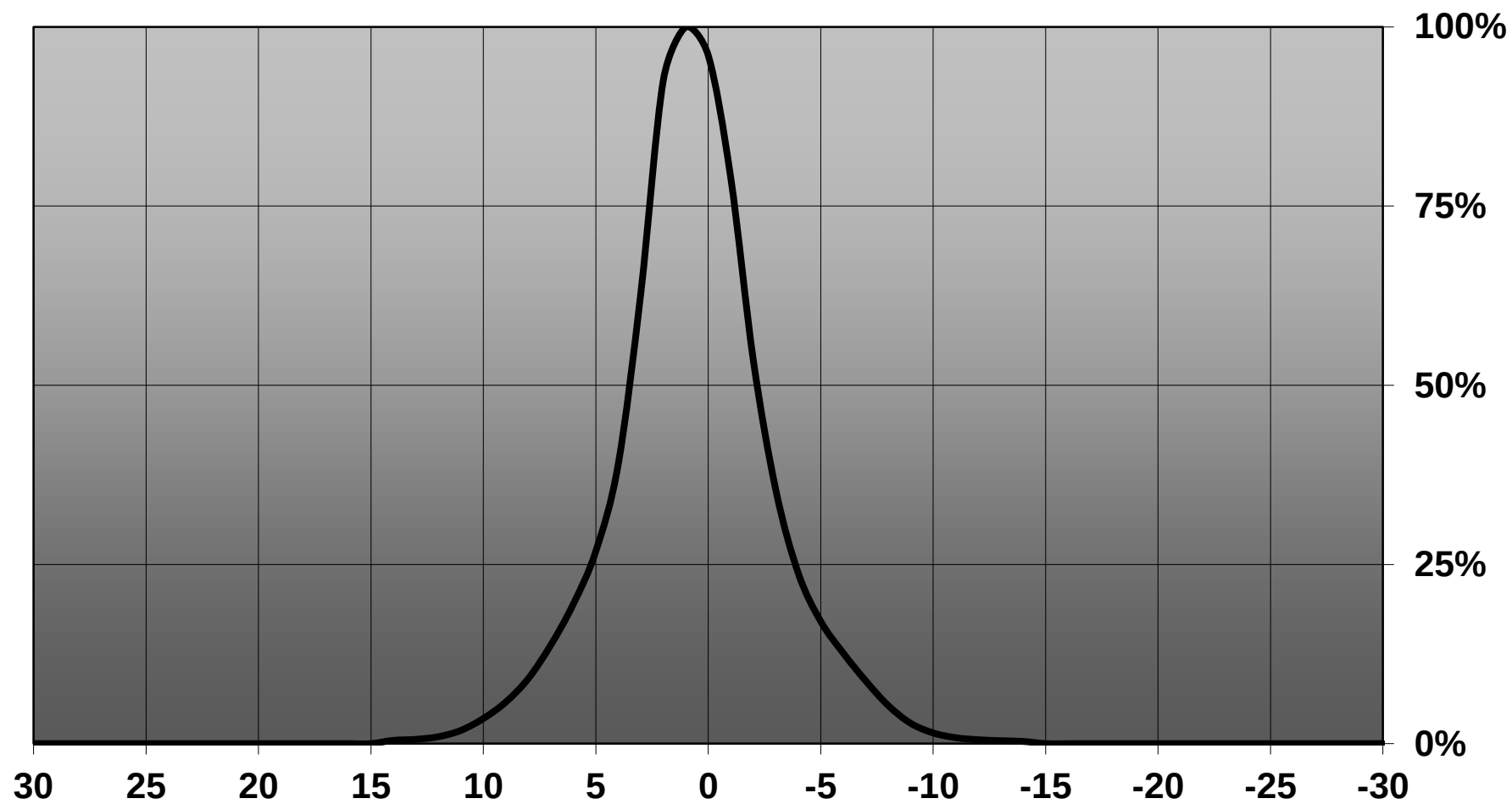
Relative intensity of CN13552_CRYSTAL-RS_(XQ-E_HI)



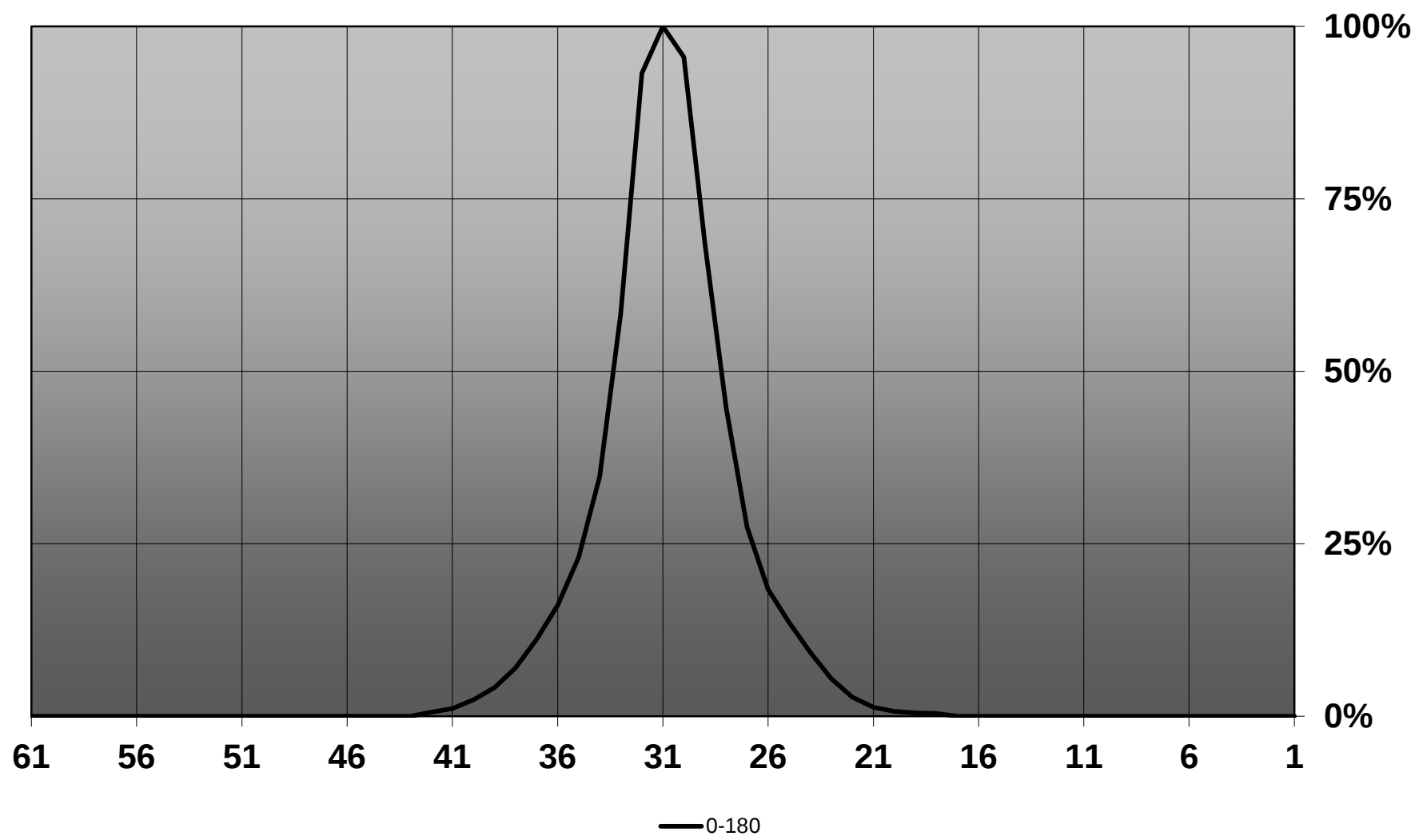
Relative intensity of CN13552_CRYSTAL-RS_(LH351Z)



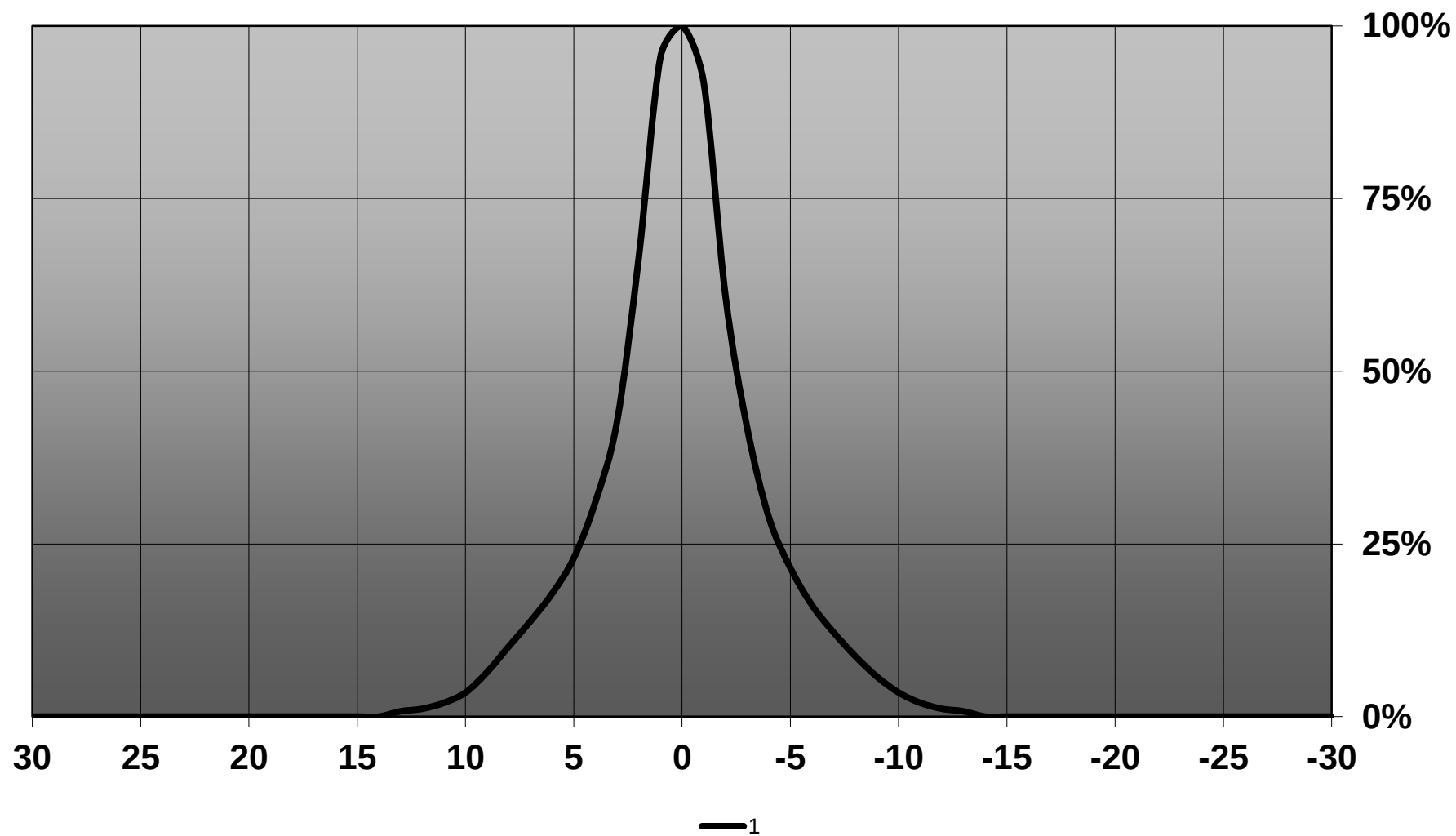
Relative intensity of CN13552_CRYSTAL-RS_(XHP35_HI)



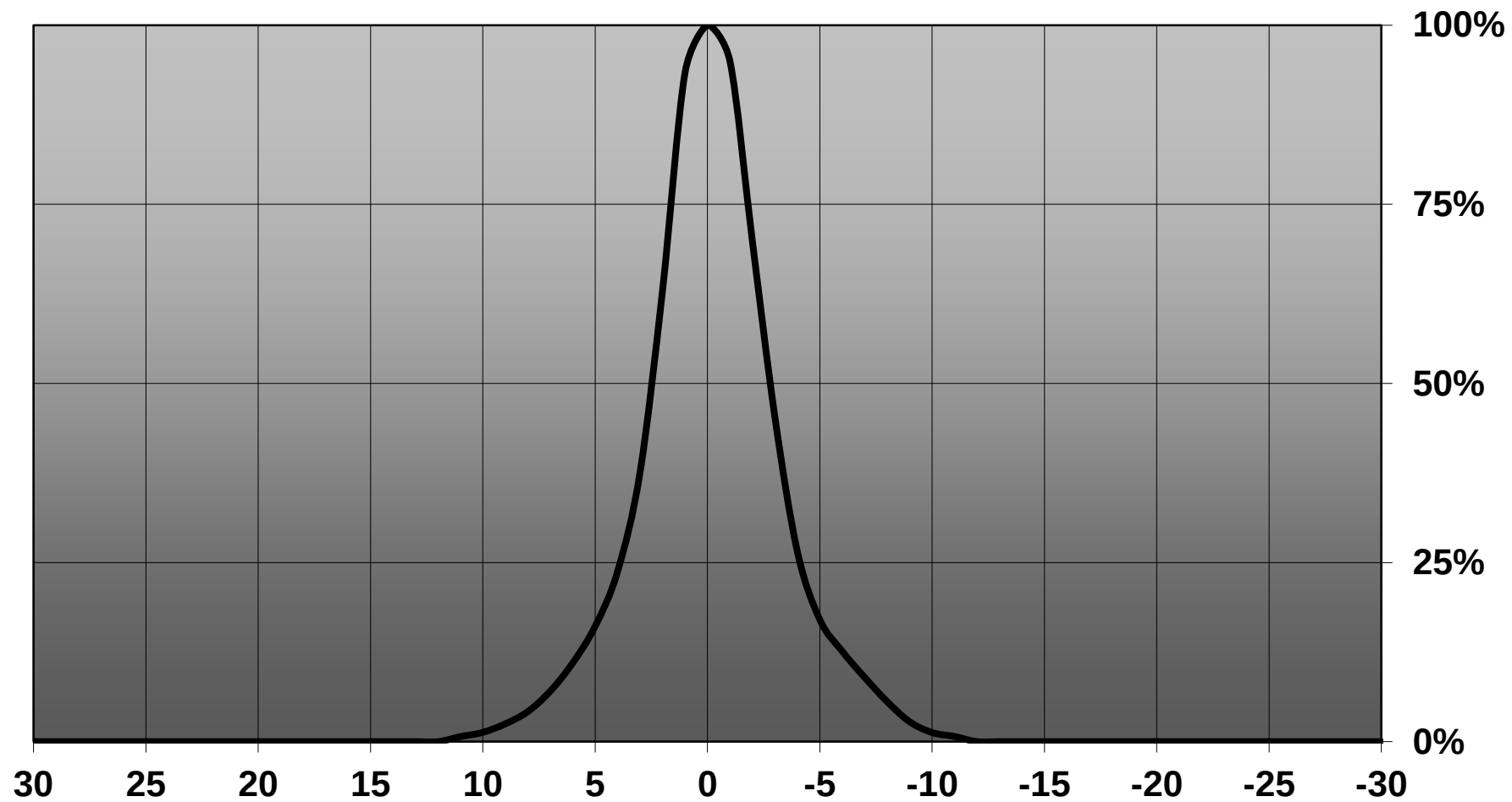
Relative intensity of CN13552_CRYSTAL-RS_(Luxeon_A)

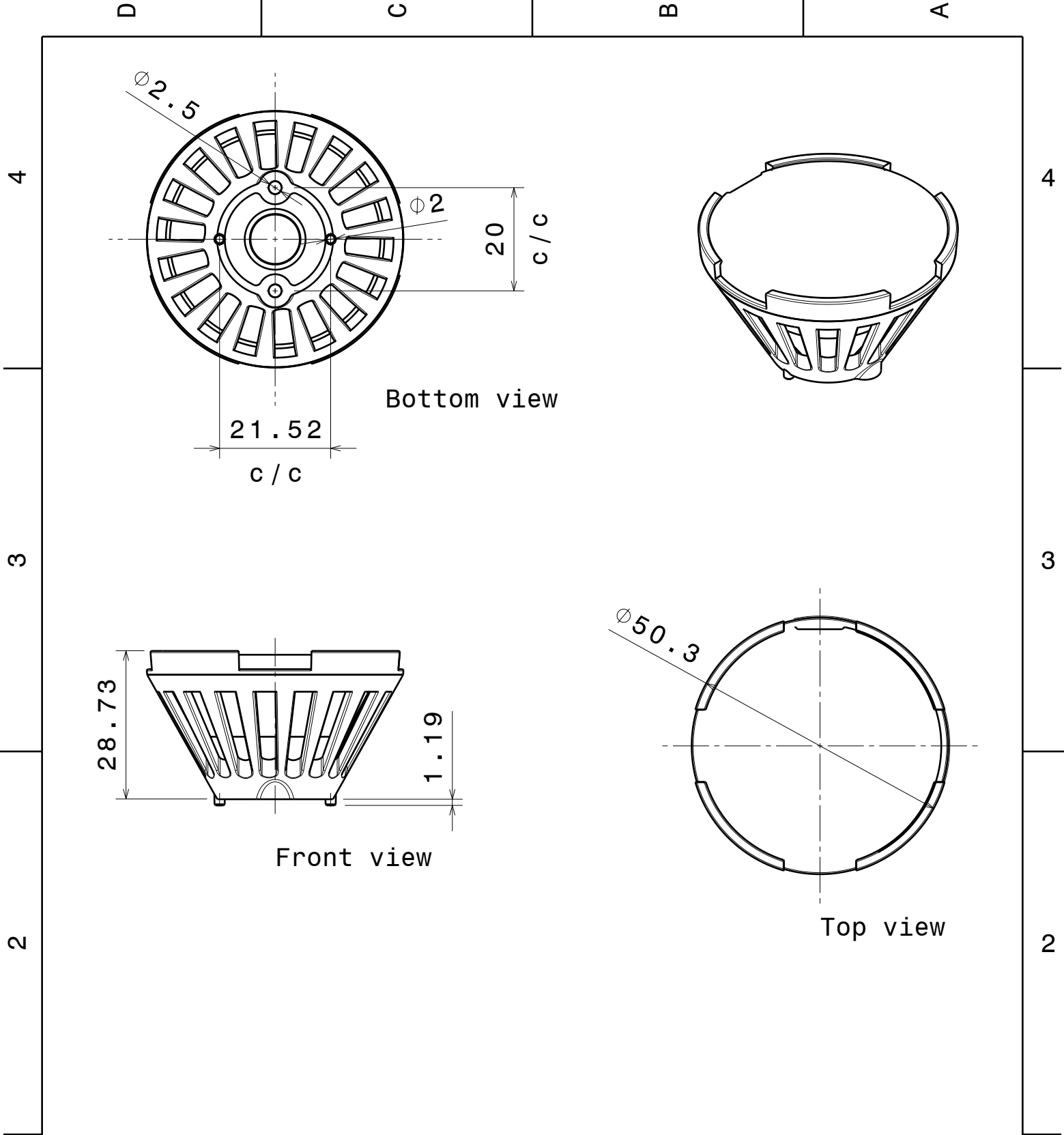


Relative intensity of CN13552_CRYSTAL-RS_(NVSxx19B)



Relative intensity of CN13552_CRYSTAL-RS_(LH351B)



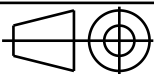


Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures: class C
According to DIN ISO 2768-2
Form and position: class L

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

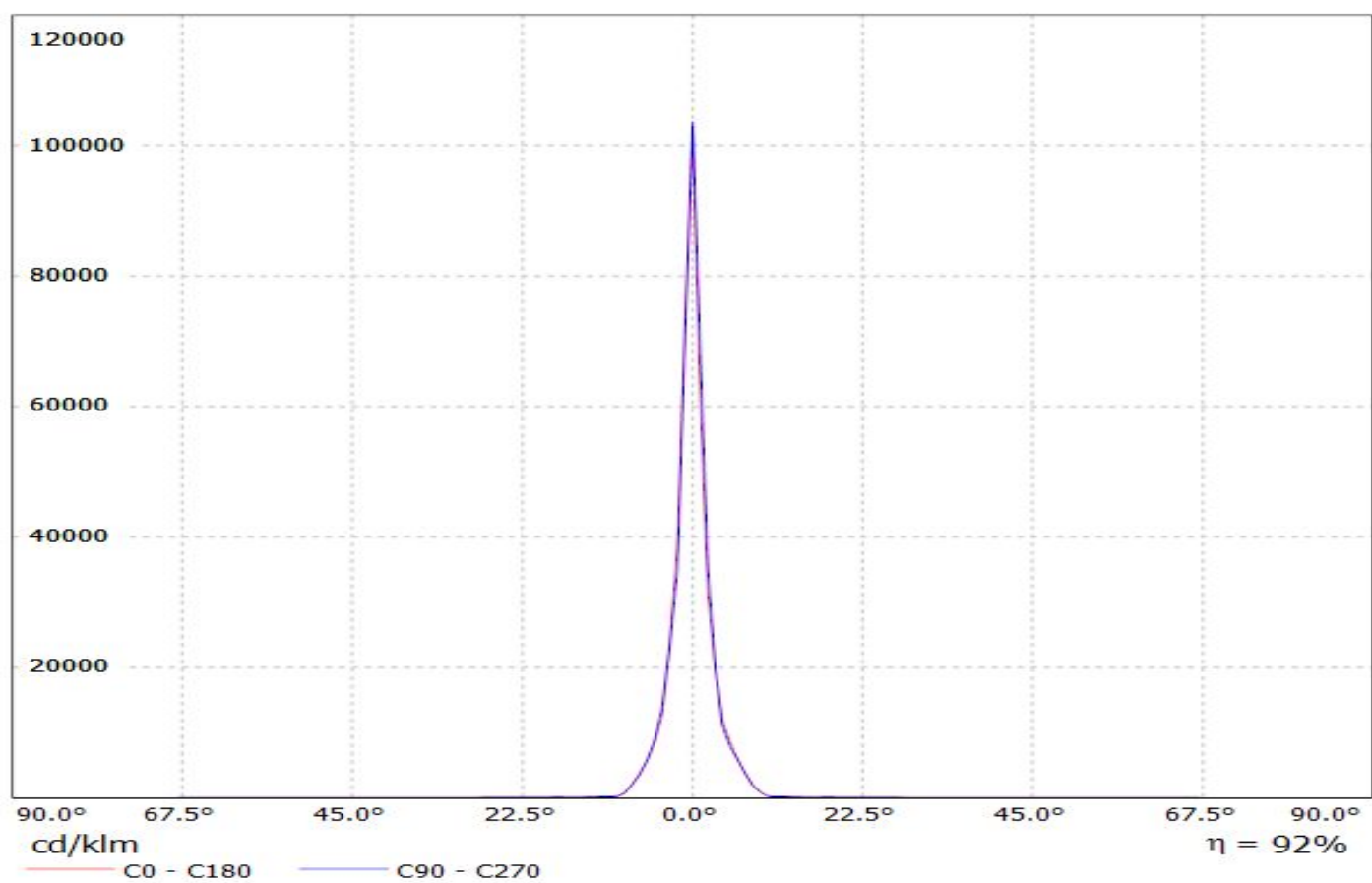
WEIGHT

-

SHEET

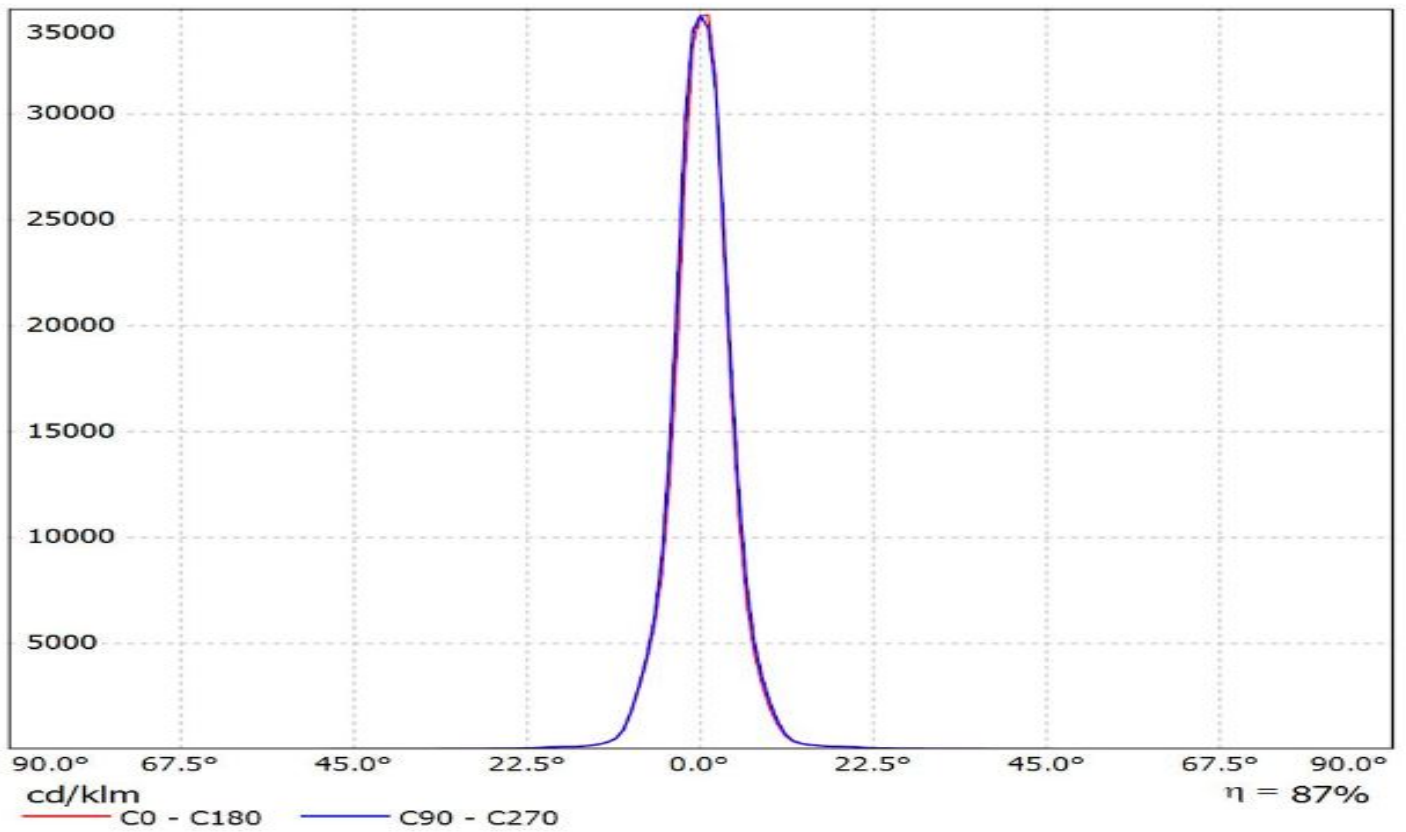
1/1

Luminaire: LEDiL Oy CN13552_CRYSTAL-RS_(Z_ES)
Lamps: 1 x Philips_Lumileds_Luxeon_Z_ES_(LXZ2-5070)
_84.6528lm@250mA_P=0.730483W_I=249.9mA

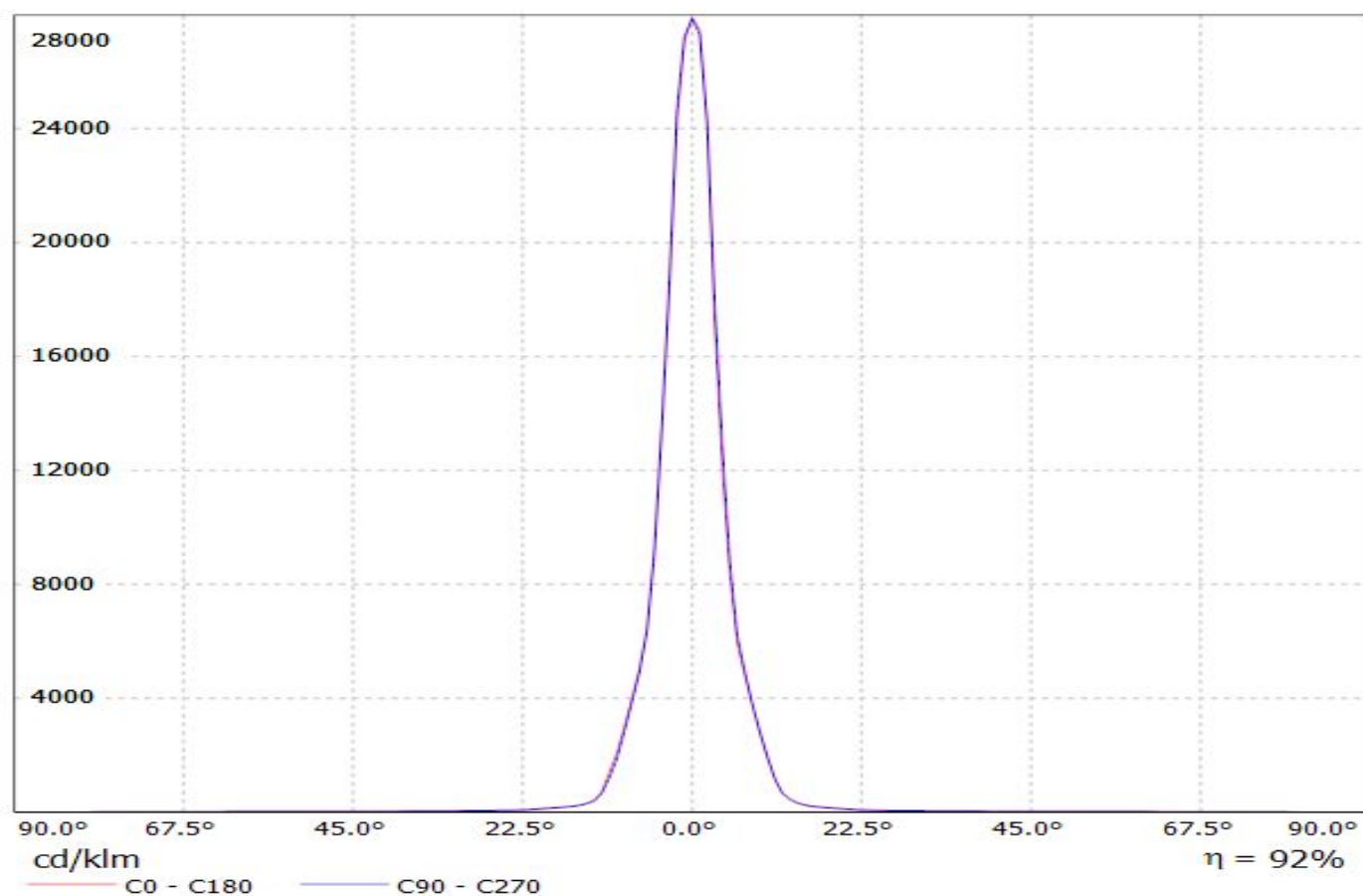


Ledil CN13552_CRYSTAL-RS_(XP-L) / LDC (Linear)

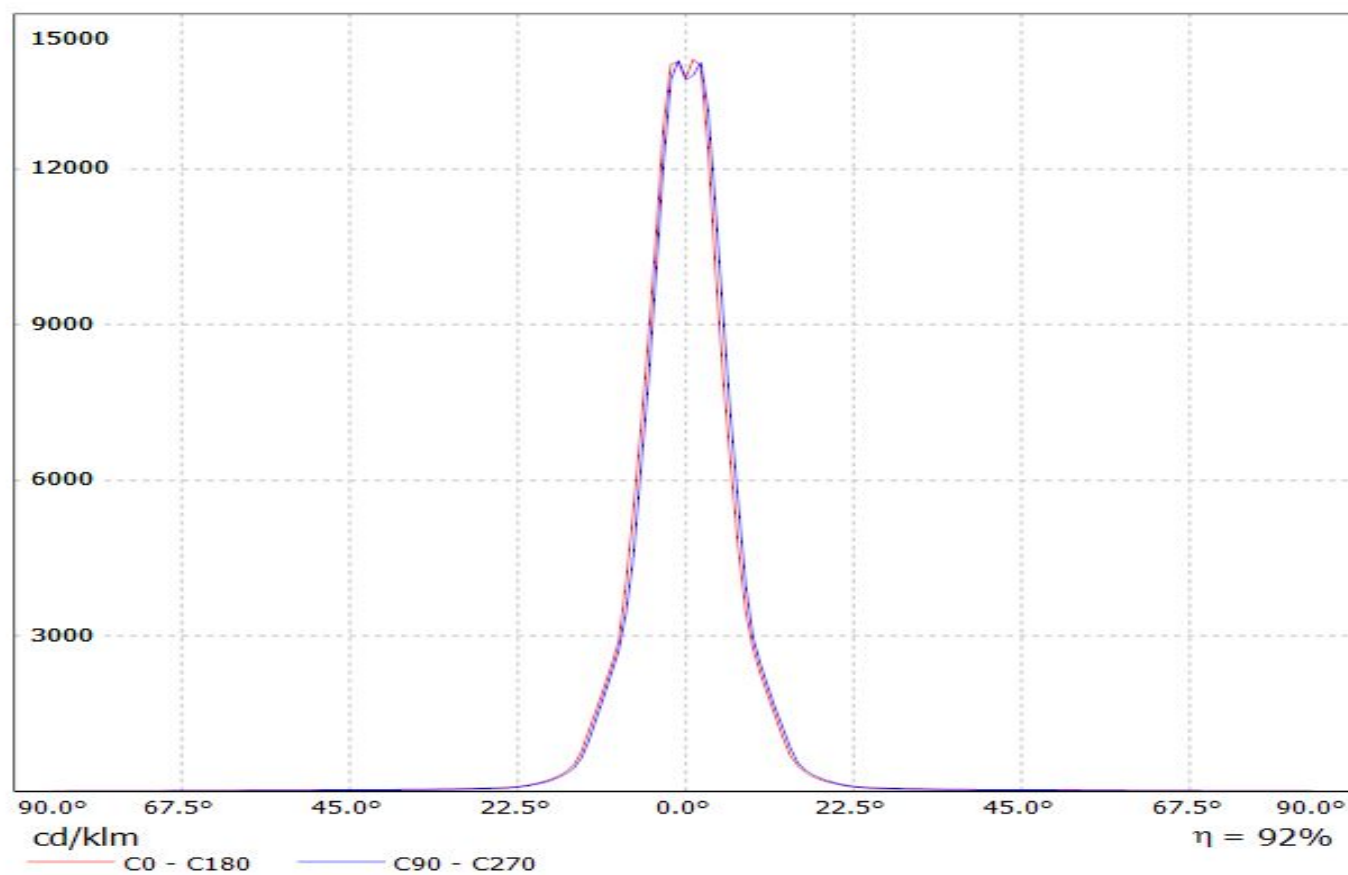
Luminaire: Ledil CN13552_CRYSTAL-RS_(XP-L)
Lamps: 1 x CREE_XP-L_(XPLAWT-0-7A3-U50-0H-0001)
_107.852lm@250mA_CCT=3185K_P=0.7W_I=0.25A



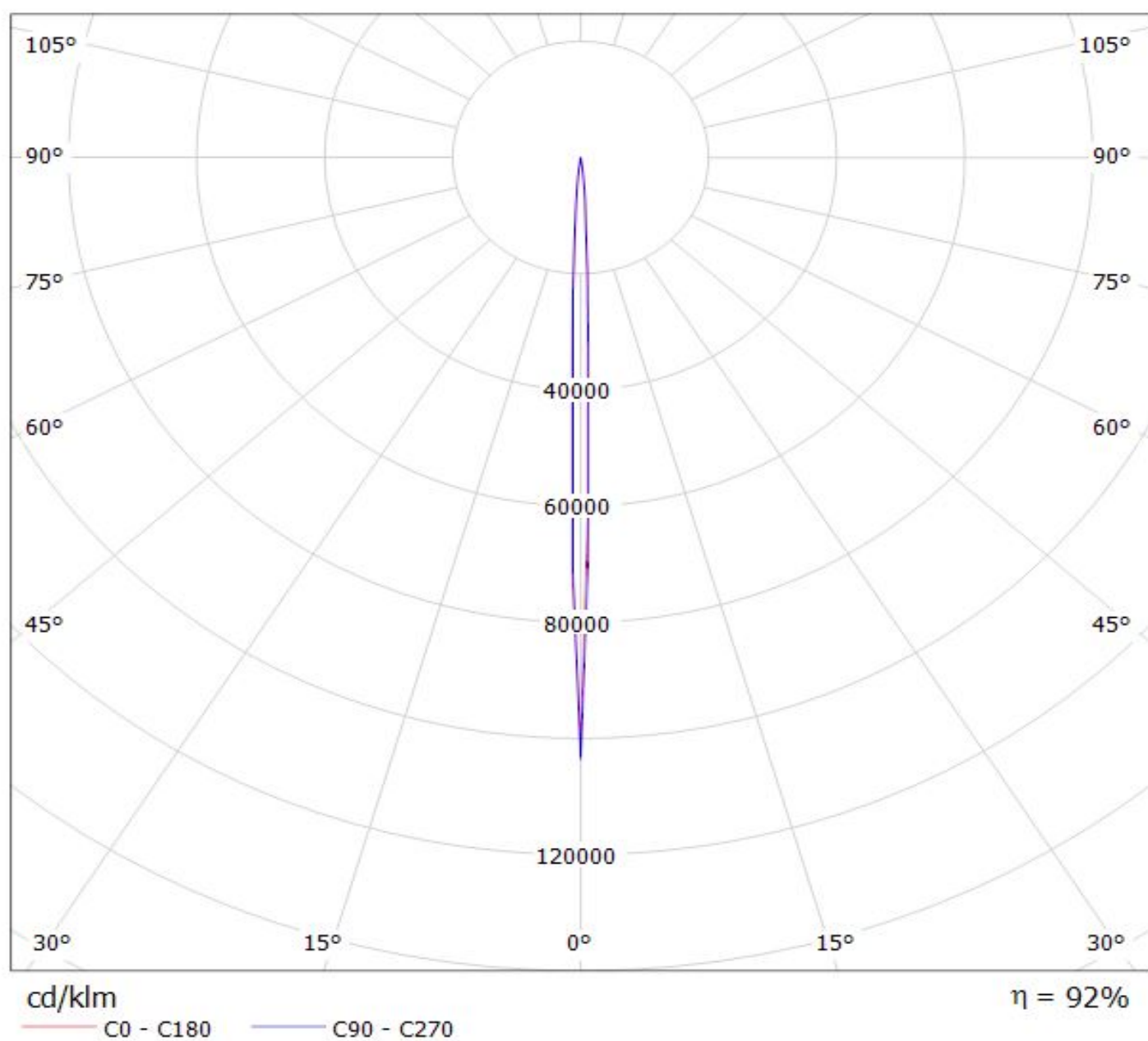
Luminaire: LEDiL Oy FCN13552_CRYSTAL-RS_(NWSL229AE)
Lamps: 1 x Nichia_NWSL229AE_120.514lm@250mA_P=0.7132W_I=0.250A



Luminaire: LEDiL Oy FCN13552_CRYSTAL-RS_(Nichia_NV4x144A)
Lamps: 1 x Nichia_NV4x144A_478.709lm@250mA_P=2.8097W_I=0.250A



Luminaire: LEDiL Oy CN13552_CRYSTAL-RS_(Z_ES)
Lamps: 1 x Philips_Lumileds_Luxeon_Z_ES_(LXZ2-5070)
_84.6528lm@250mA_P=0.730483W_I=249.9mA

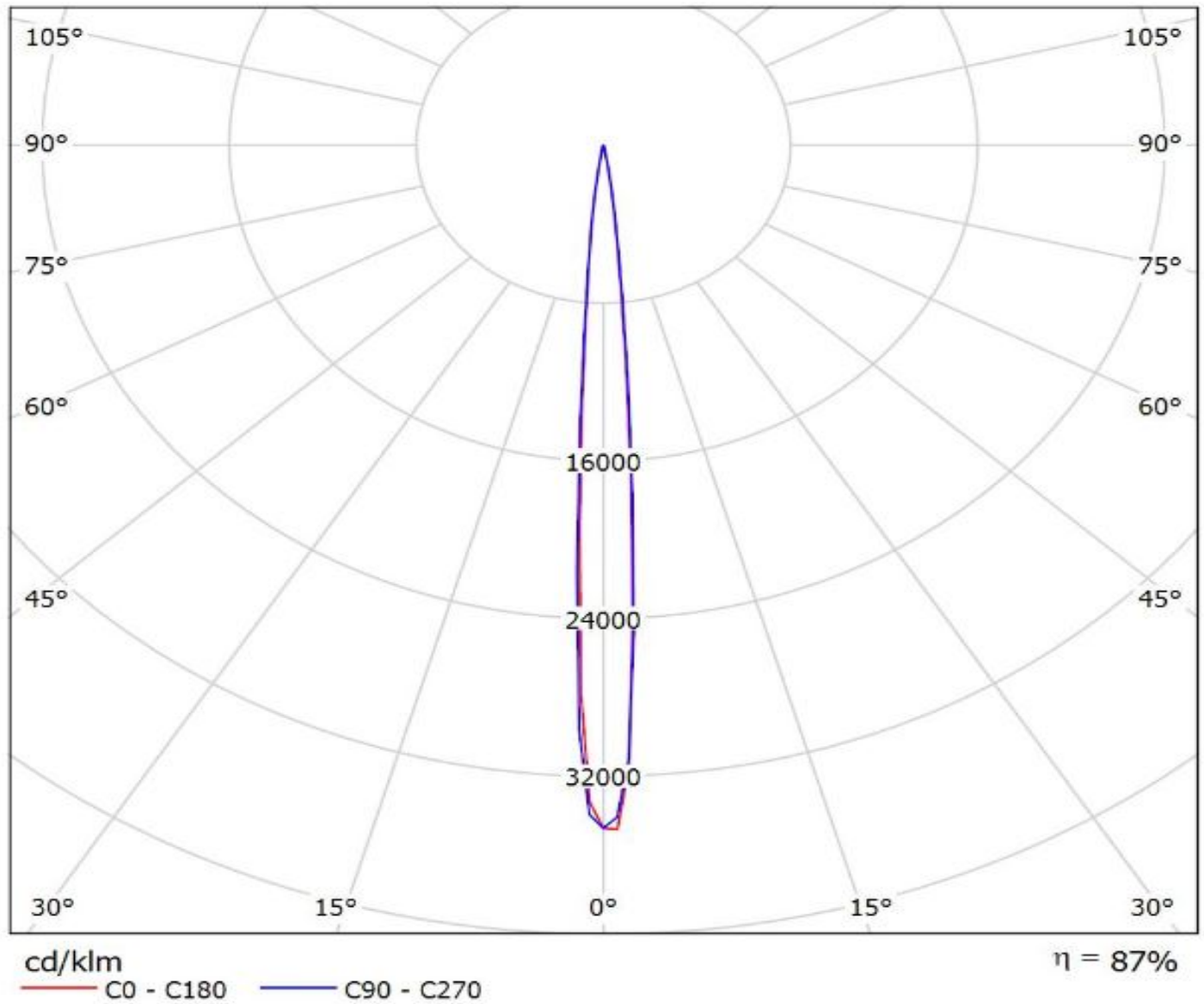


Ledil CN13552_CRYSTAL-RS_(XP-L) / LDC (Polar)

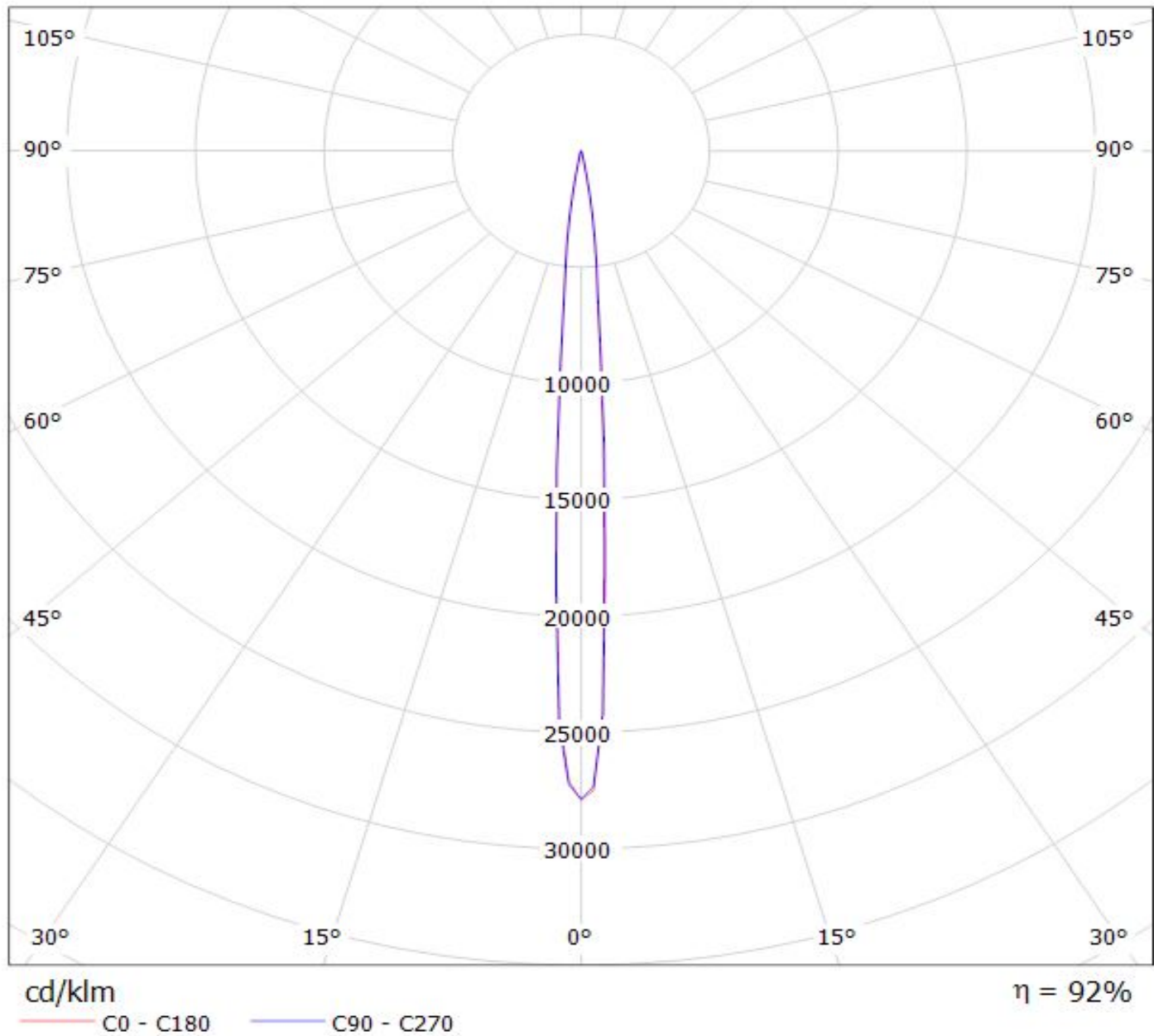
Luminaire: Ledil CN13552_CRYSTAL-RS_(XP-L)

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

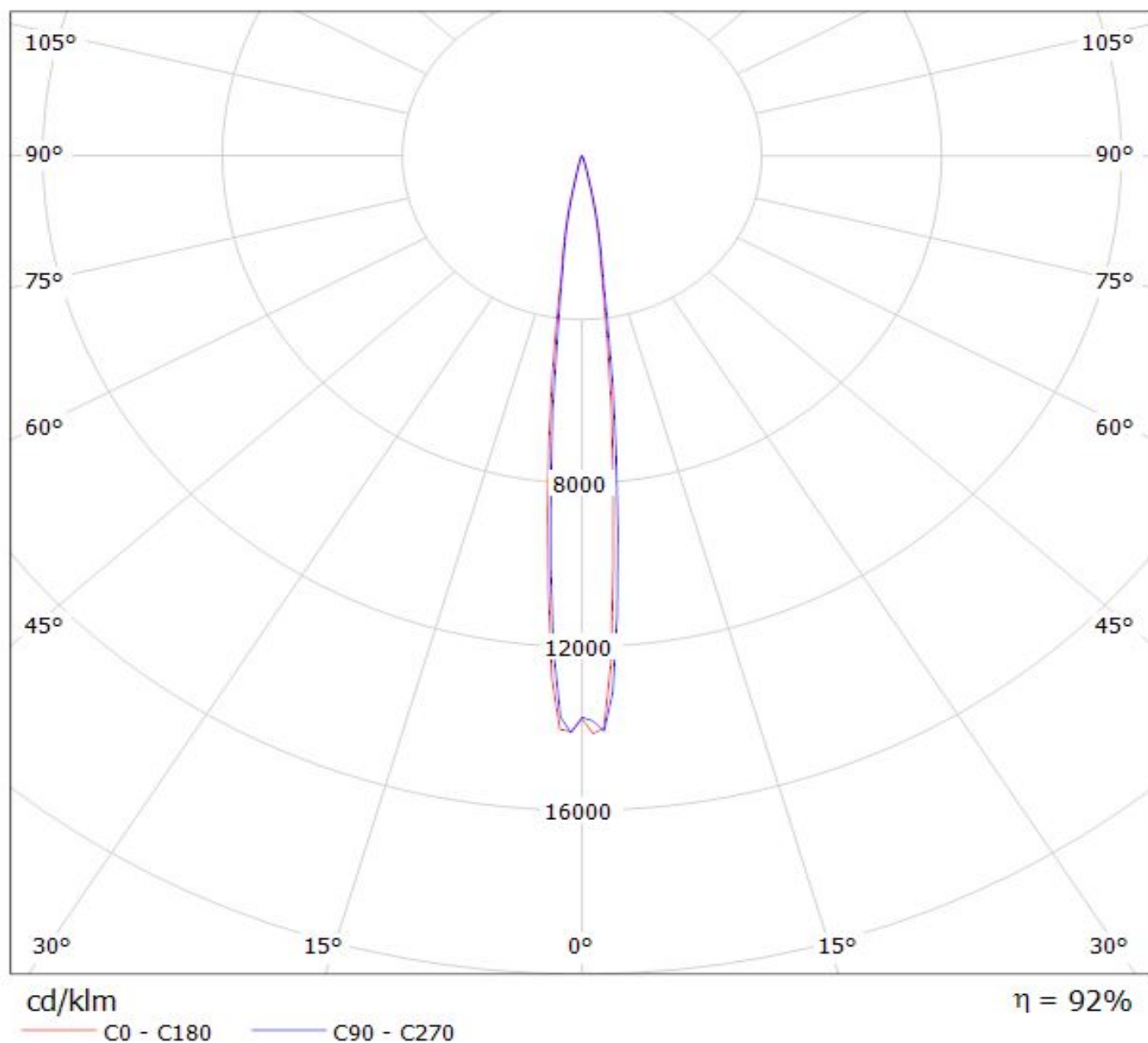
_107.852lm@250mA_CCT=3185K_P=0.7W_I=0.25A



Luminaire: LEDiL Oy FCN13552_CRYSTAL-RS_(NWSL229AE)
Lamps: 1 x Nichia_NWSL229AE_120.514lm@250mA_P=0.7132W_I=0.250A



Luminaire: LEDiL Oy FCN13552_CRYSTAL-RS_(Nichia_NV4x144A)
Lamps: 1 x Nichia_NV4x144A_478.709lm@250mA_P=2.8097W_I=0.250A



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.