

DETAILS

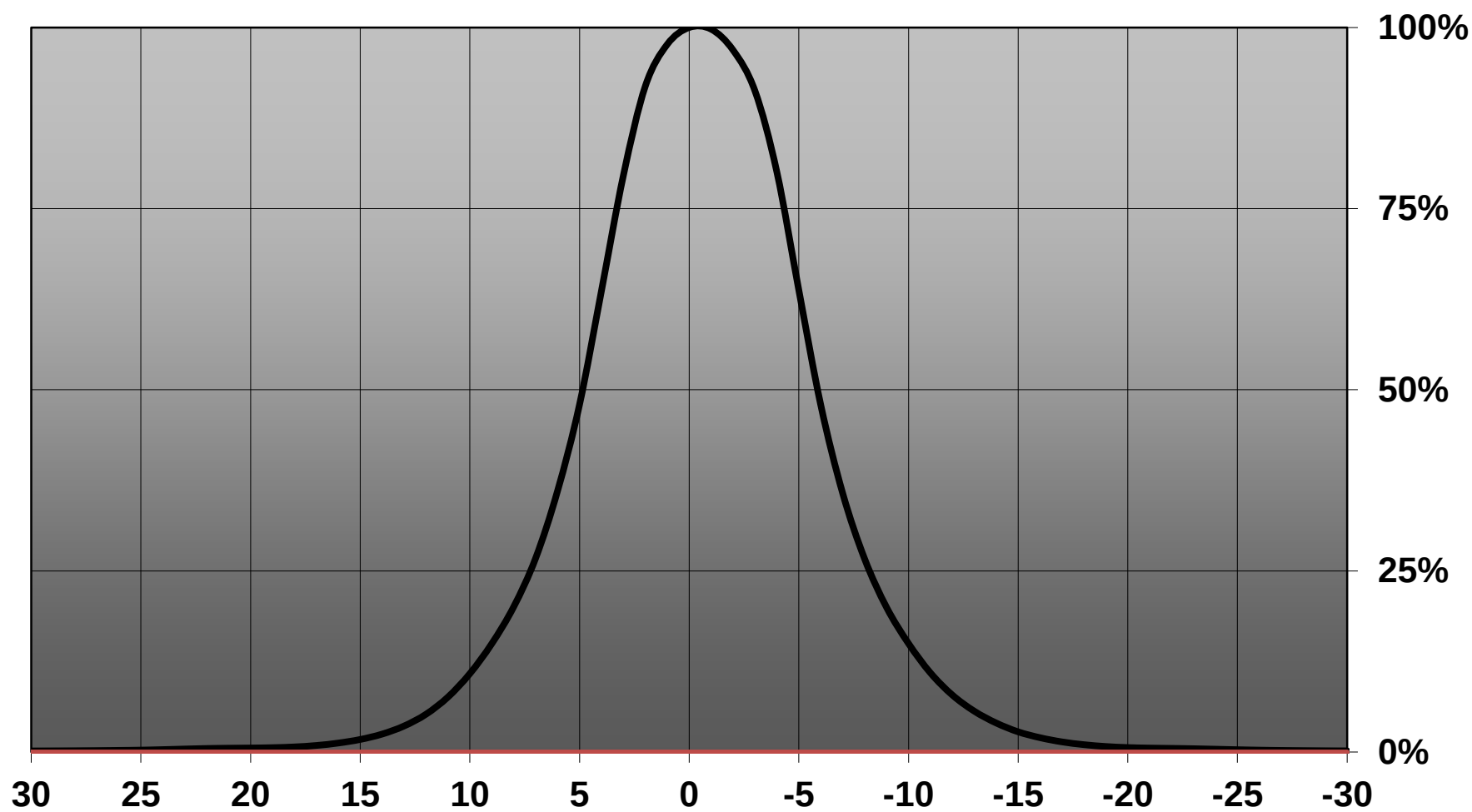
Product Number	C13236_SANDRA-12-S
Family	Sandra
Type	Lens array
Color	clear
Diameter	67 mm
Height	11.1 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	pin, glue
Status	ready
ROHS Compliant	Yes
Date Updated	3/01/2013



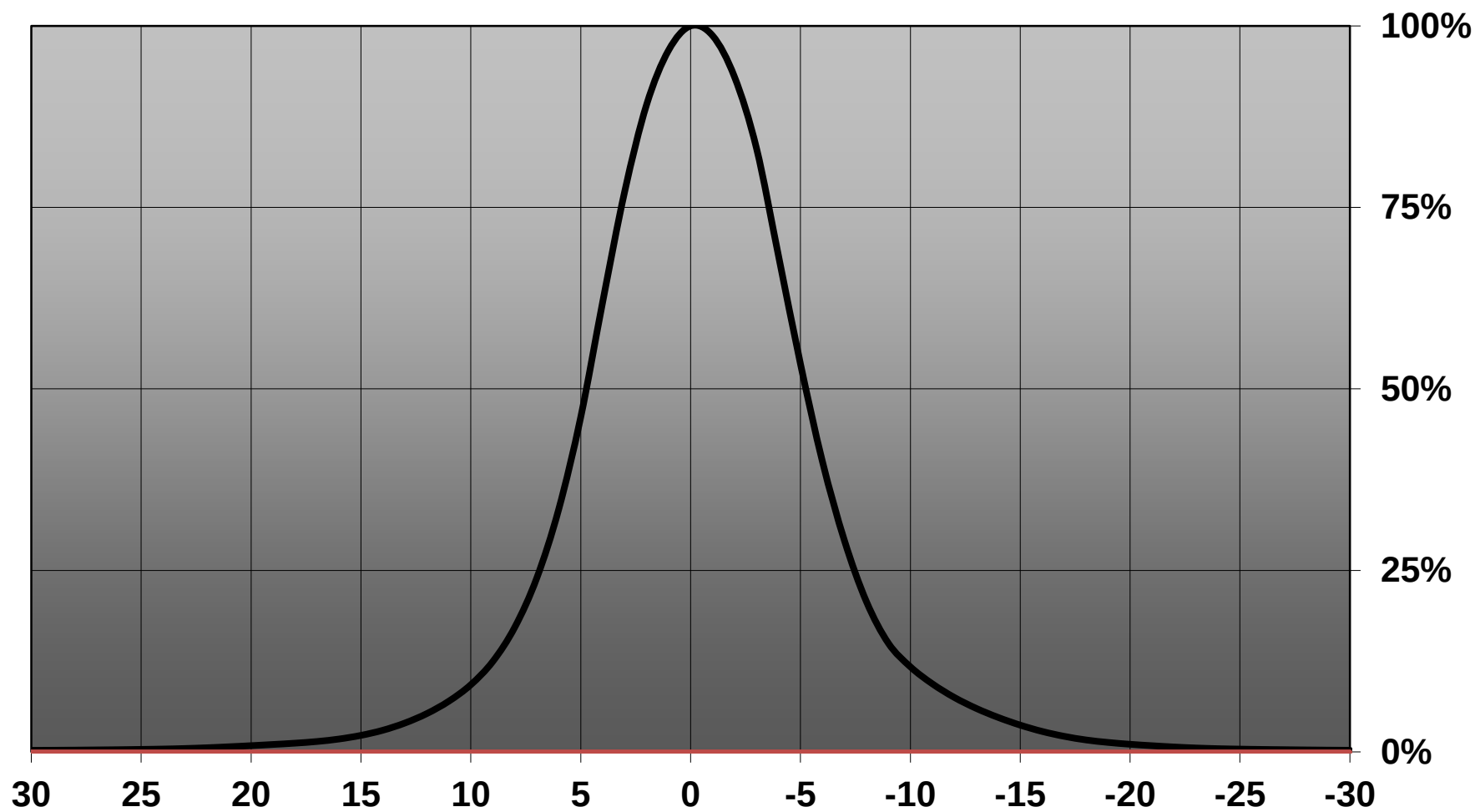
OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
XP-G2	sim: 13	Real spot	sim: 92 %	sim: 0.000	-
LUXEON Rebel	sim: 11.5	Real spot	sim: 91 %	sim: 0.000	-
LUXEON Rebel ES	sim: 16	Real spot	sim: 90 %	sim: 0.000	-
Oslon Square EC	sim: 13	Real spot	sim: 90 %	sim: 0.000	-
Oslon SSL 150	sim: 10	Real spot	sim: 91 %	sim: 0.000	-
XP-E	10 deg	Real spot	91 %	18.700	-
Oslon SSL 80	10 deg	Real spot	91 %	18.500	-
XP-E2	10 deg	Real spot	94 %	23.500	-
XT-E	14 deg	Real spot	91 %	9.800	-
XP-G	15 deg	Real spot	93 %	9.500	-
NVSxx19A	15 deg	Real spot	90 %	9.300	-

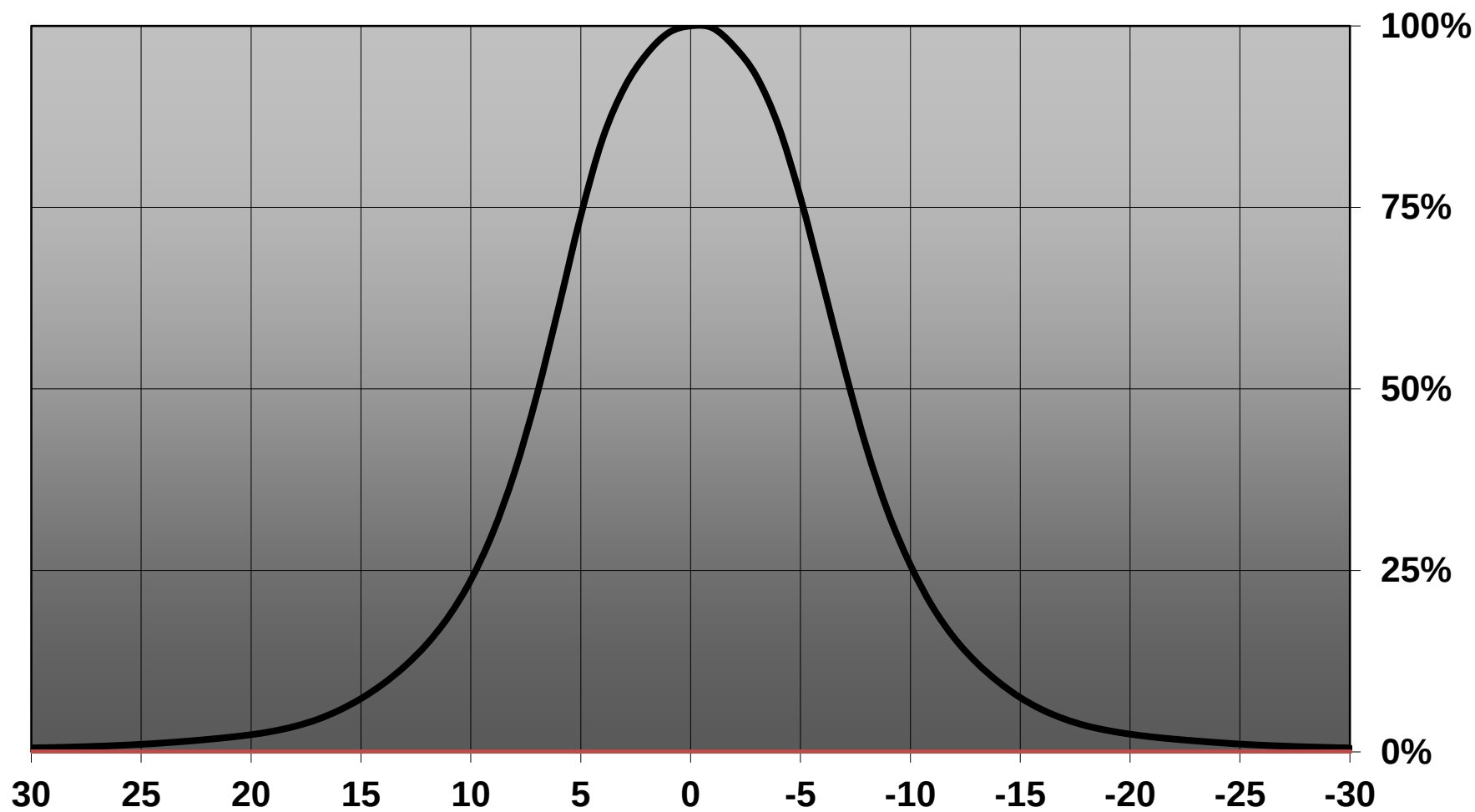
Relative intensity of C13236_SANDRA-12-S-XPE



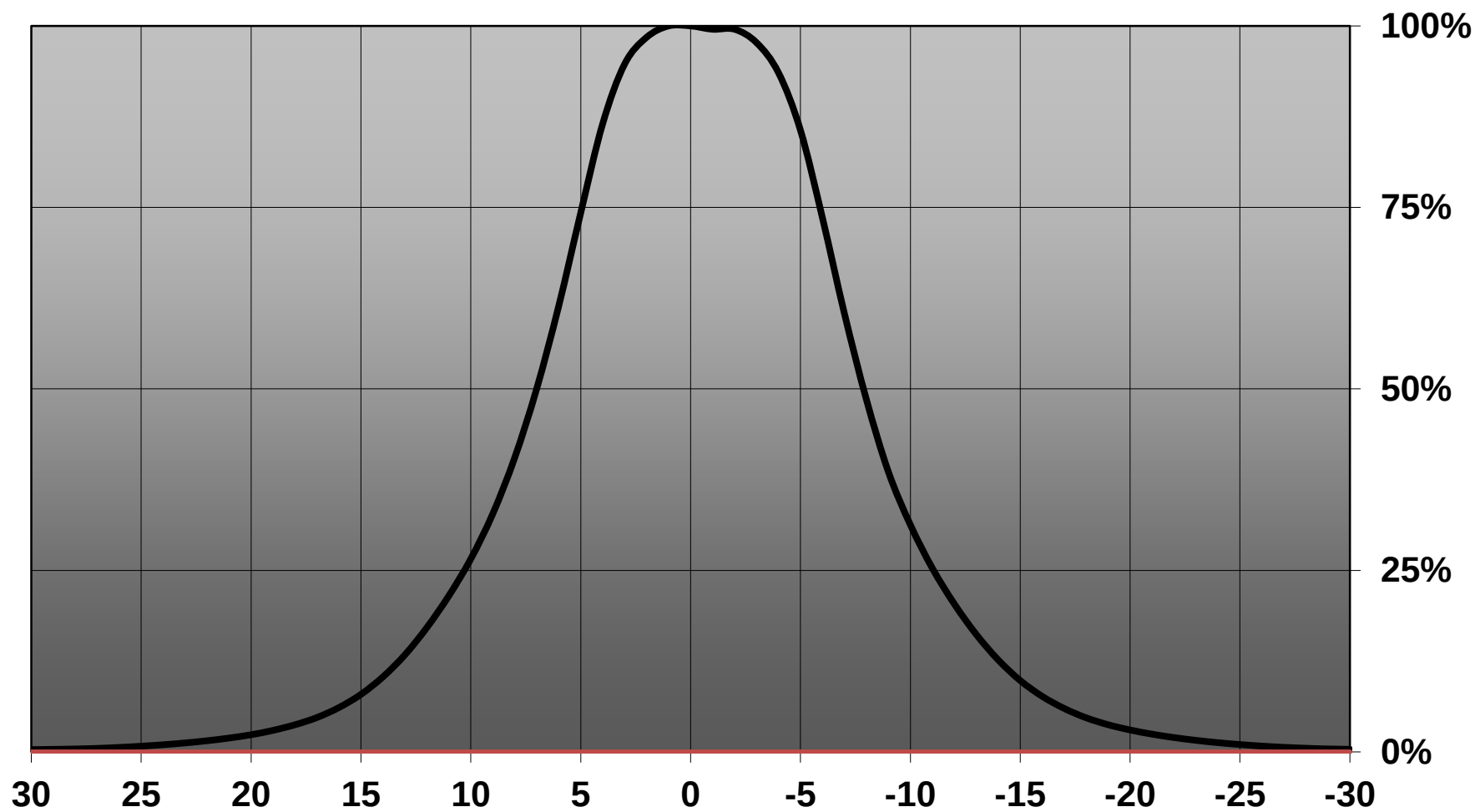
Relative intensity of C13236_SANDRA-12-S-OSL80



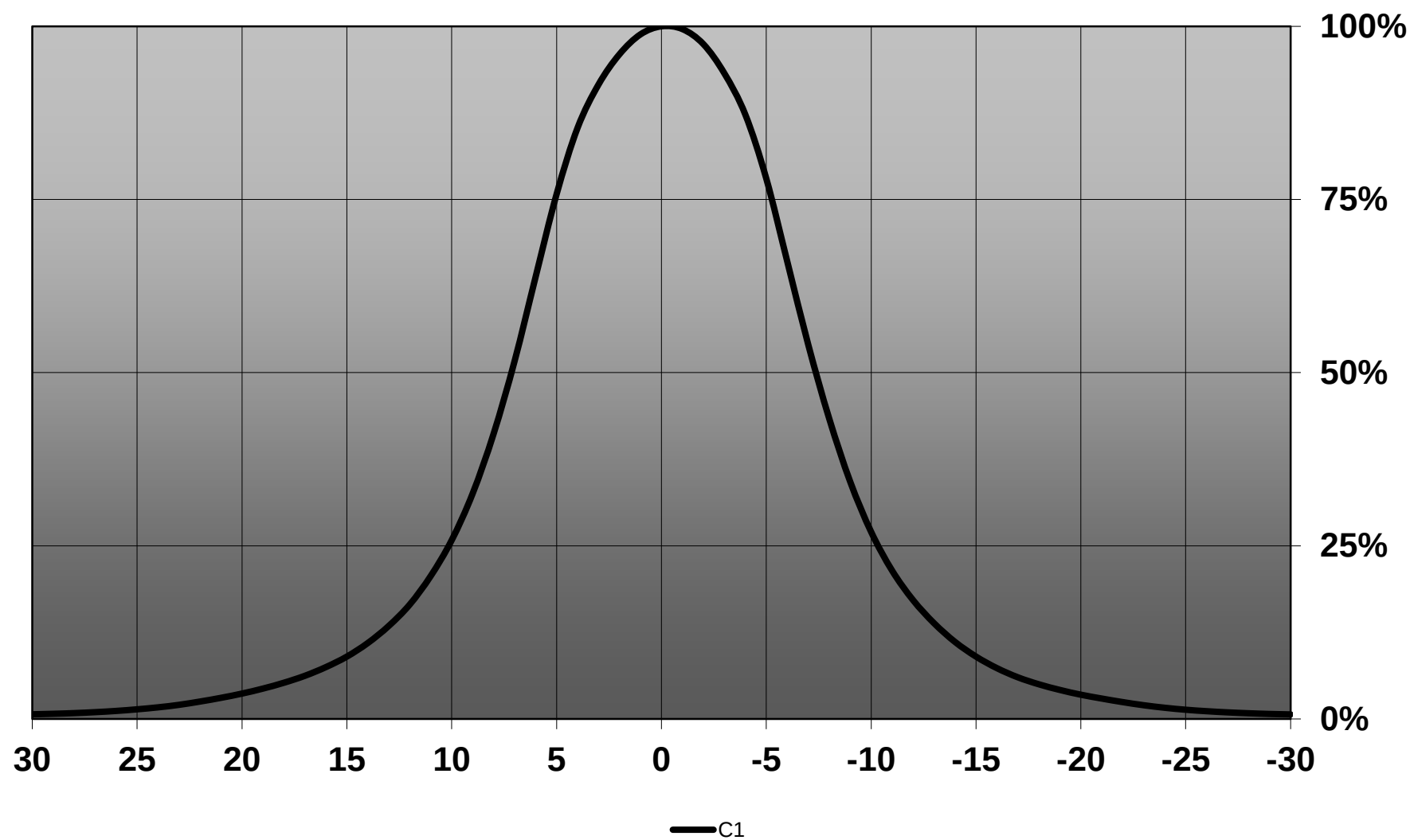
Relative intensity of C13236_SANDRA-12-S-XTE

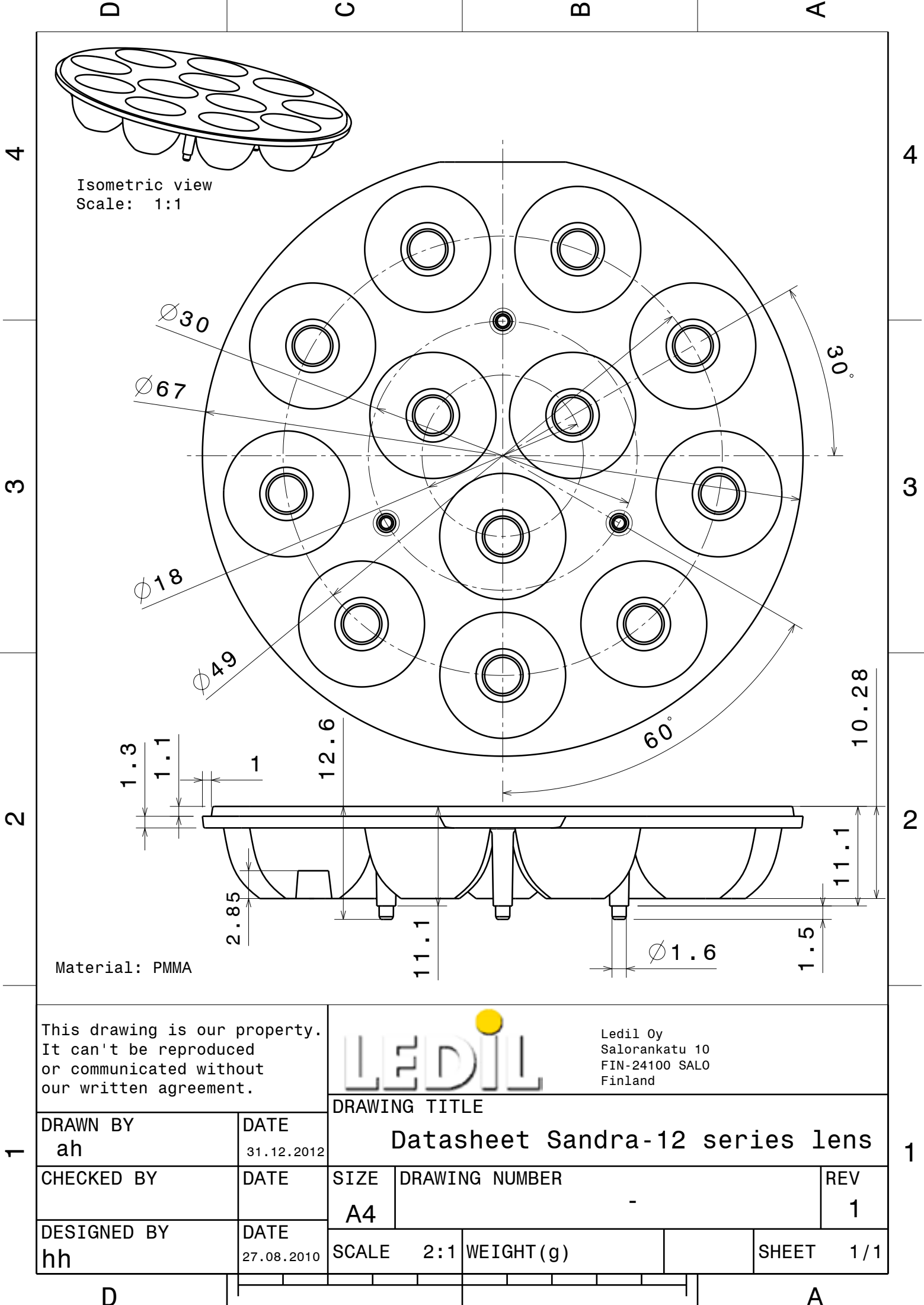


Relative intensity of C13236_SANDRA-12-S-XPG



Relative intensity of C13236_SANDRA-12-S-NVS19





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Ledil Oy
Salorankatu 10
FIN-24100 SALO
Finland

DRAWING TITLE

Datasheet Sandra-12 series lens

DRAWN BY
ah

DATE
31.12.2012

CHECKED BY

DATE

SIZE
A4

DRAWING NUMBER

-

REV
1

DESIGNED BY
hh

DATE
27.08.2010

SCALE

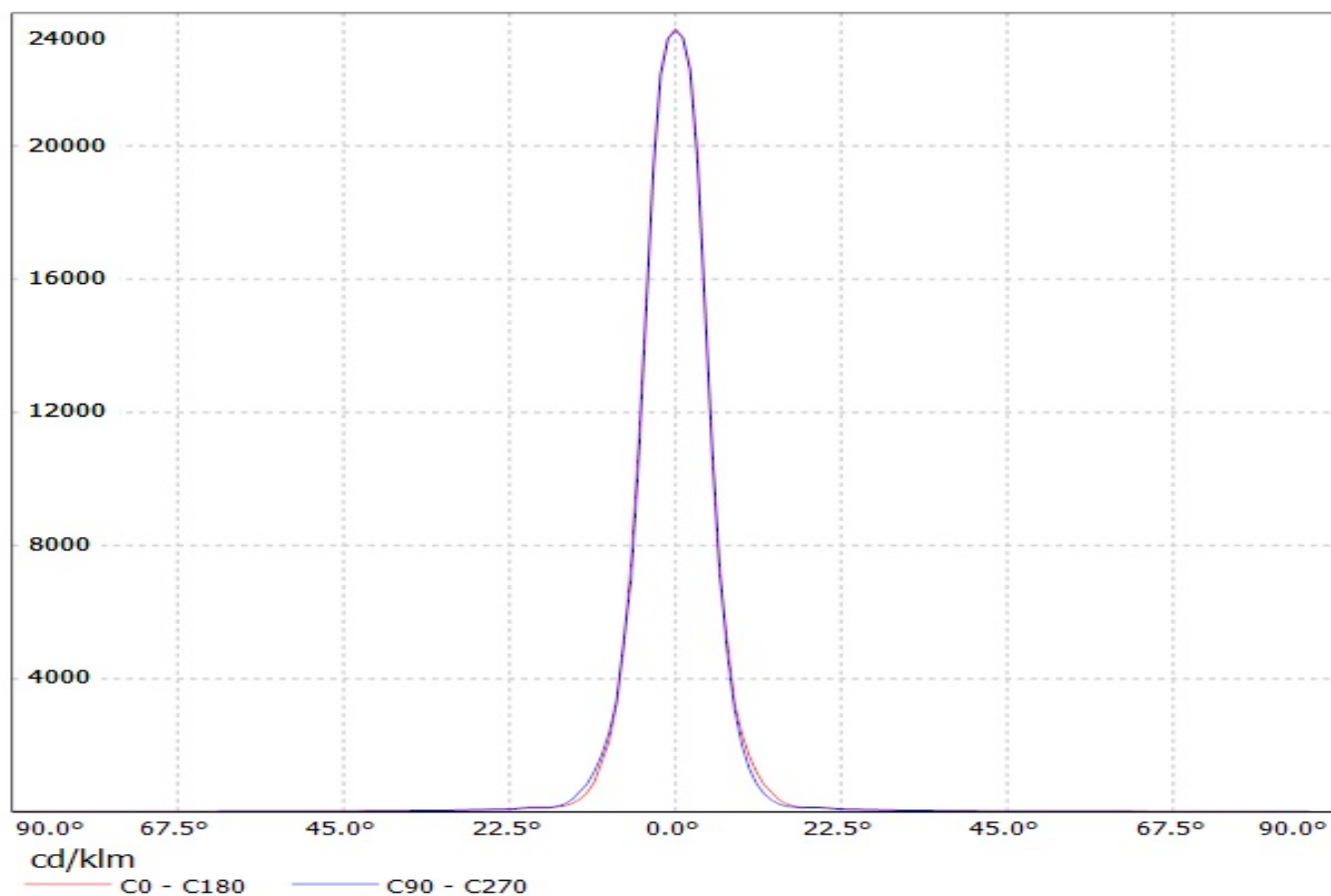
2:1

WEIGHT (g)

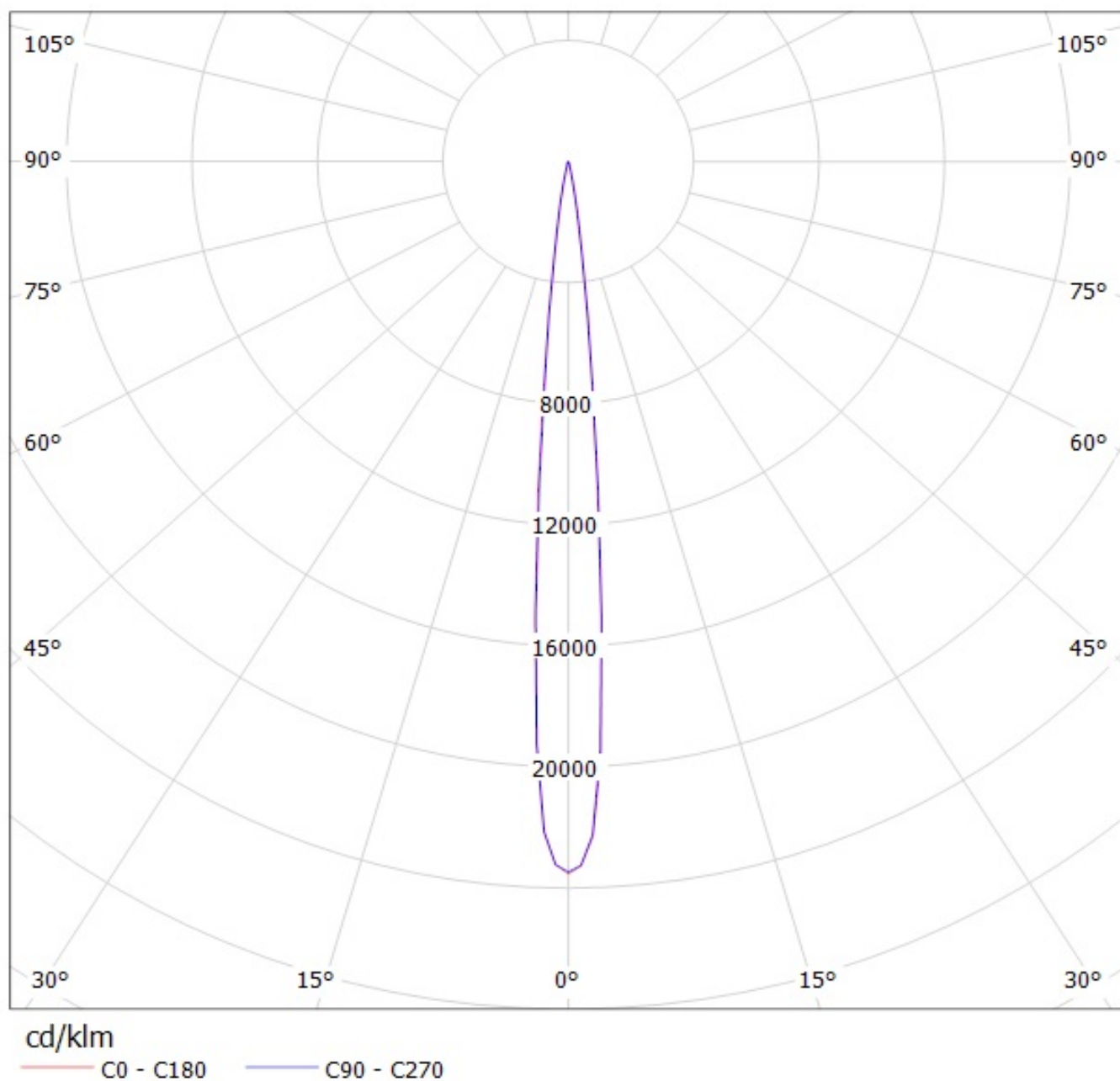
SHEET

1/1

Luminaire: LEDiL Oy C13236_SANDRA-12-S_(XP-E2) Eff: 94%
Lamps: 1 x CREE_XP-E2_x12_1001.3lm@250mA_P=8.66978W_I=249.9mA



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Lamps: 1 x CREE_XP-E2_x12_1001.3lm@250mA_P=8.66978W_I=249.9mA



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.