

DETAILS

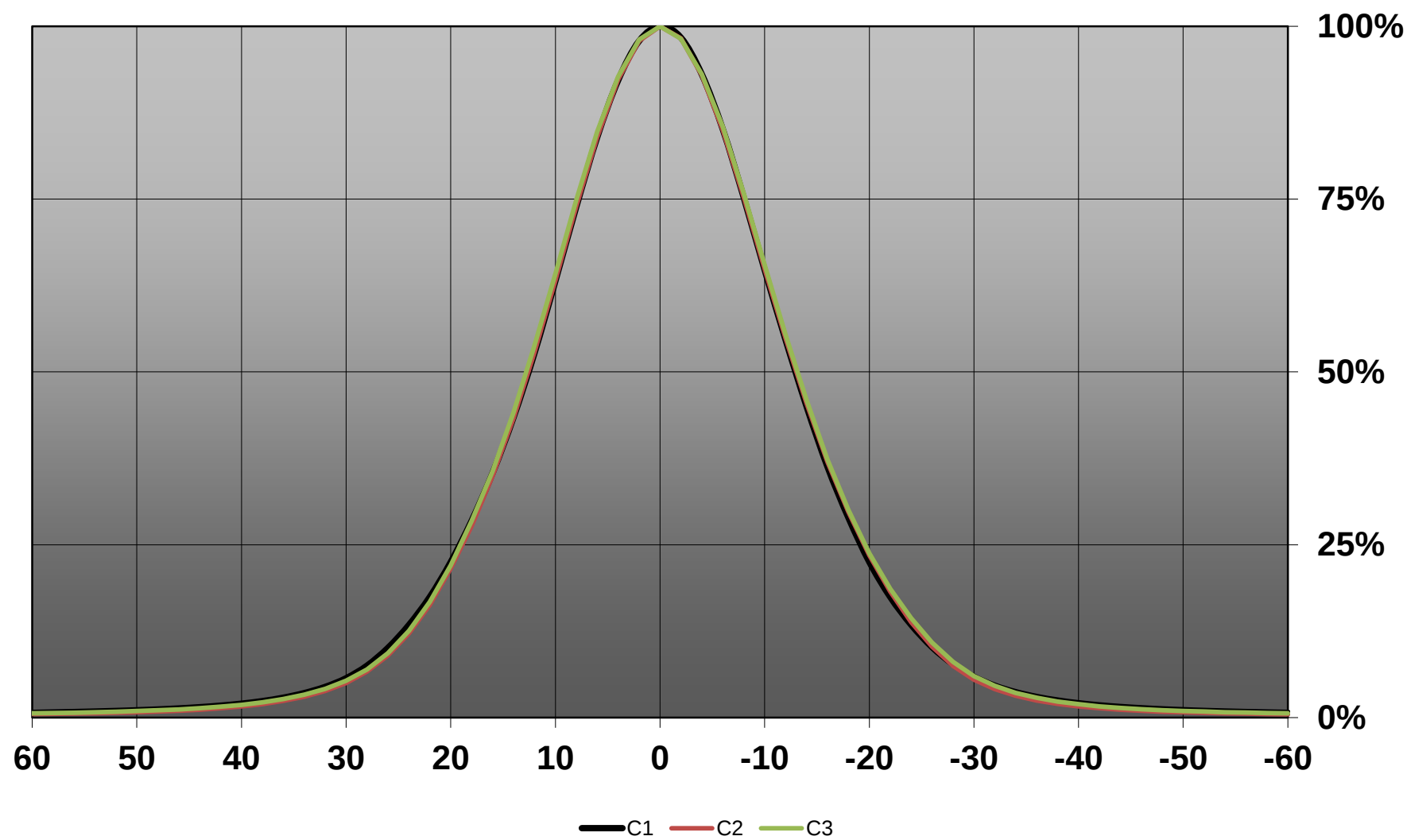
Product Number	C12782_MELODY-4-M
Family	Melody
Type	Lens array
Color	clear
Diameter	50,6 mm
Height	11,9 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	pin, glue
Status	ready
ROHS Compliant	Yes
Date Updated	25/01/2013



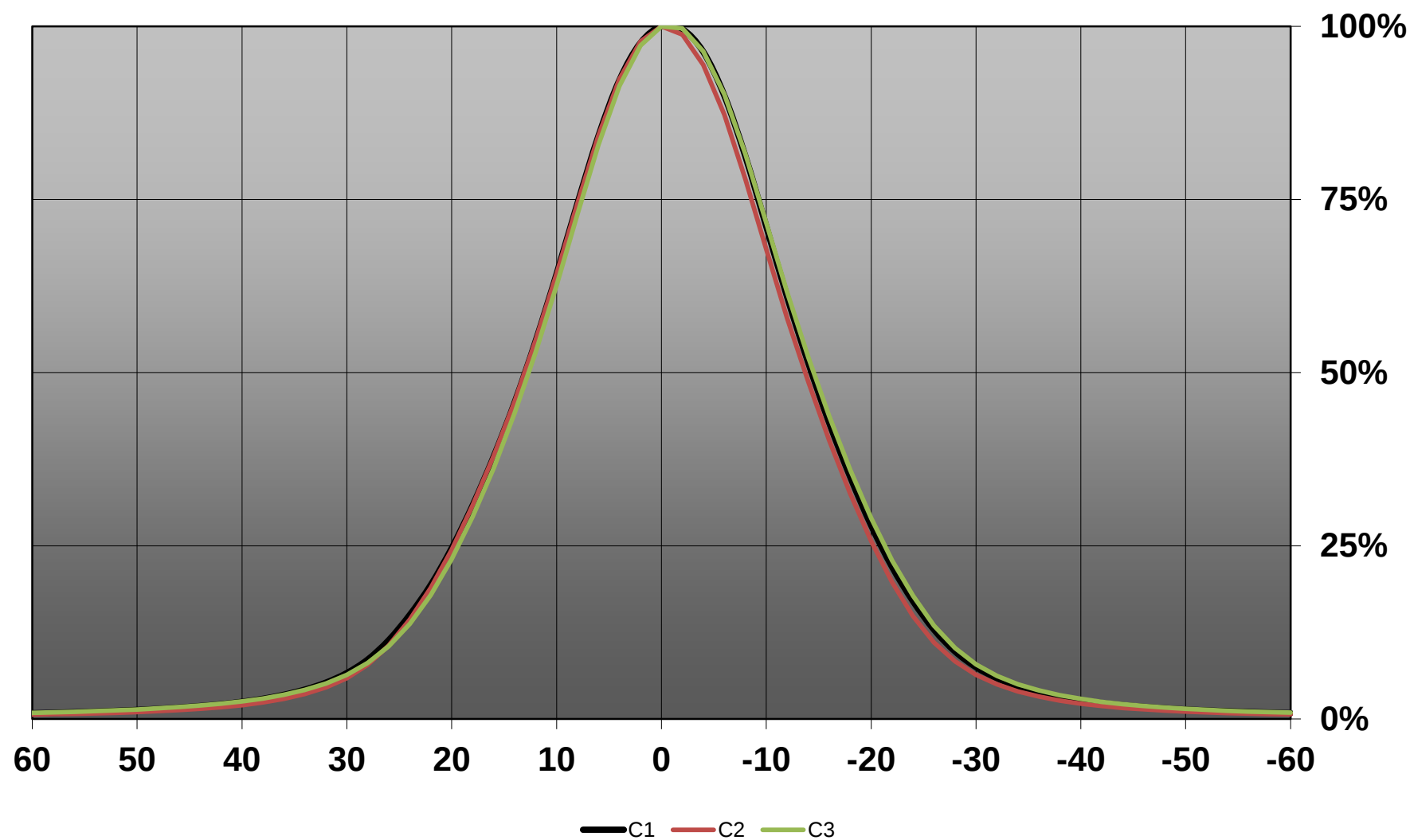
OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	connector
NCSxx19A	26 degrees		89 %	3.100	-
NCSxx19B	27 degrees		84 %	2.800	-
Oslon SSL 80	27 degrees		89 %	2.900	-
XT-E	27 degrees		90 %	2.900	-
XB-D	27 degrees		89 %	2.800	-
XP-E2	28 degrees		85 %	2.800	-
LUXEON Rebel	29 degrees		90 %	2.900	-
XP-G	30 degrees		92 %	2.500	-
NVSxx19B	30 degrees		89 %	2.500	-
XP-G2	32 degrees		87 %	2.500	-
LUXEON A	32 degrees		91 %	2.500	-
LH351Z	36 degrees		87 %	1.900	-

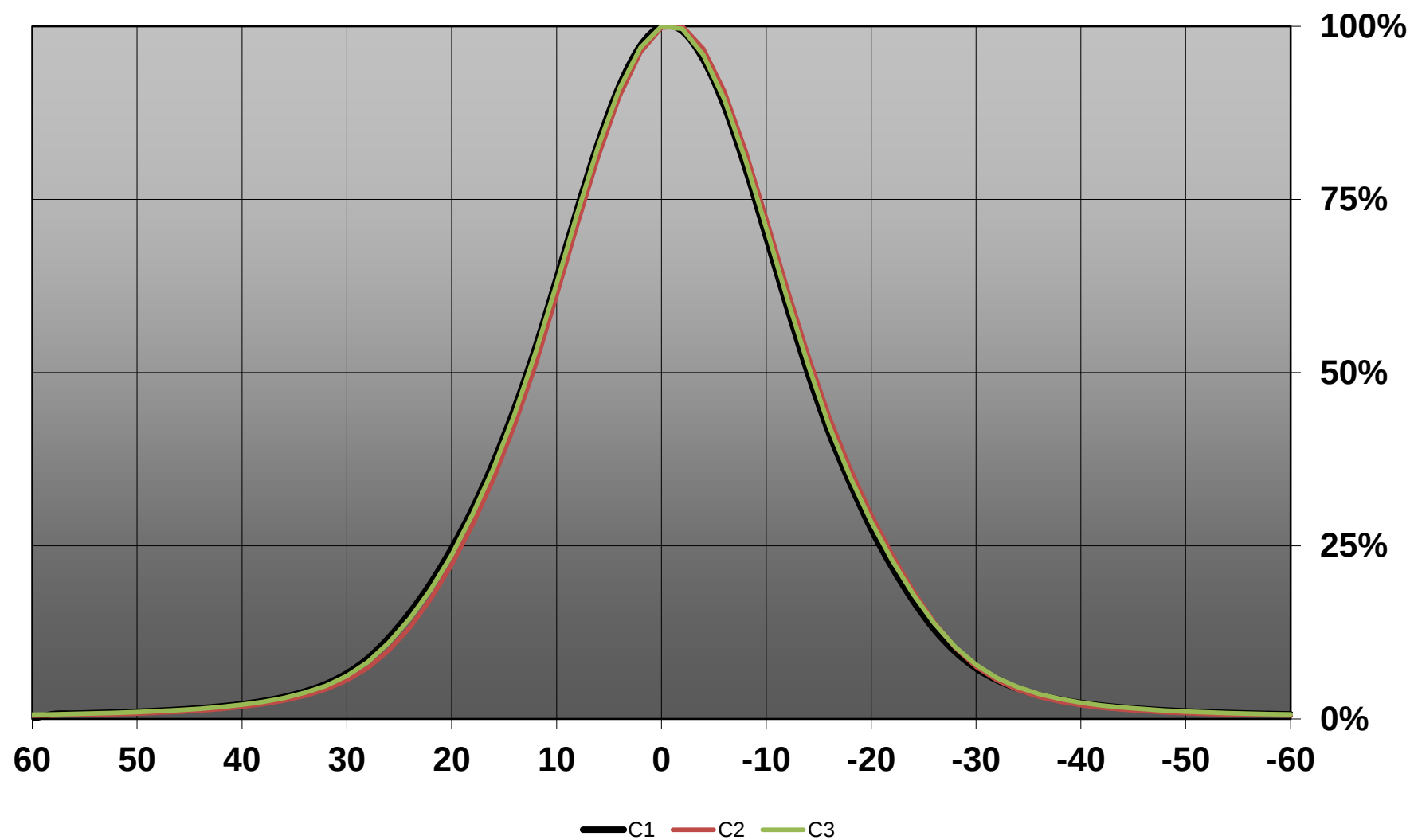
Relative intensity of C12782_MELODY-4-M-N119



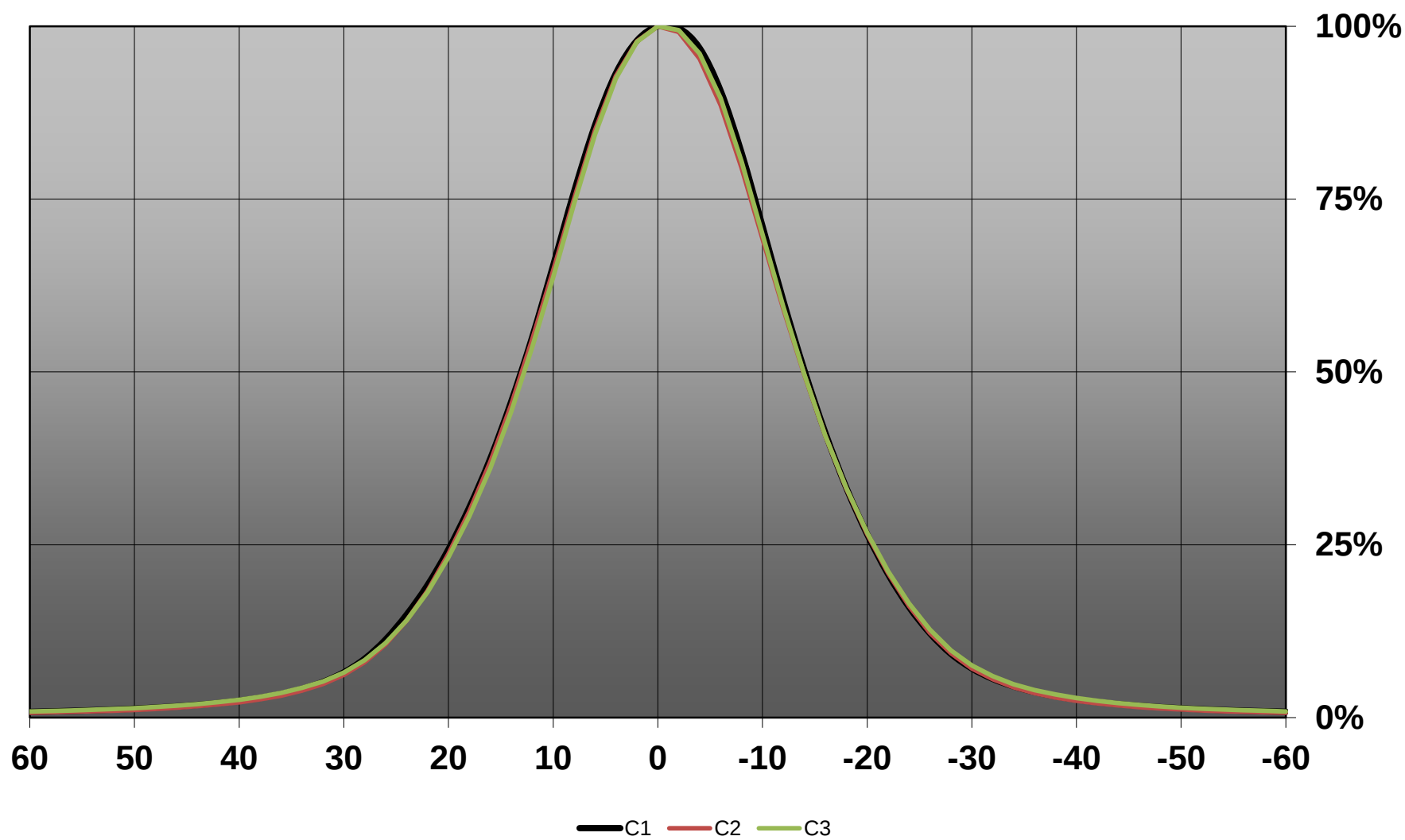
Relative intensity of C12782_MELODY-4-M-OSL80



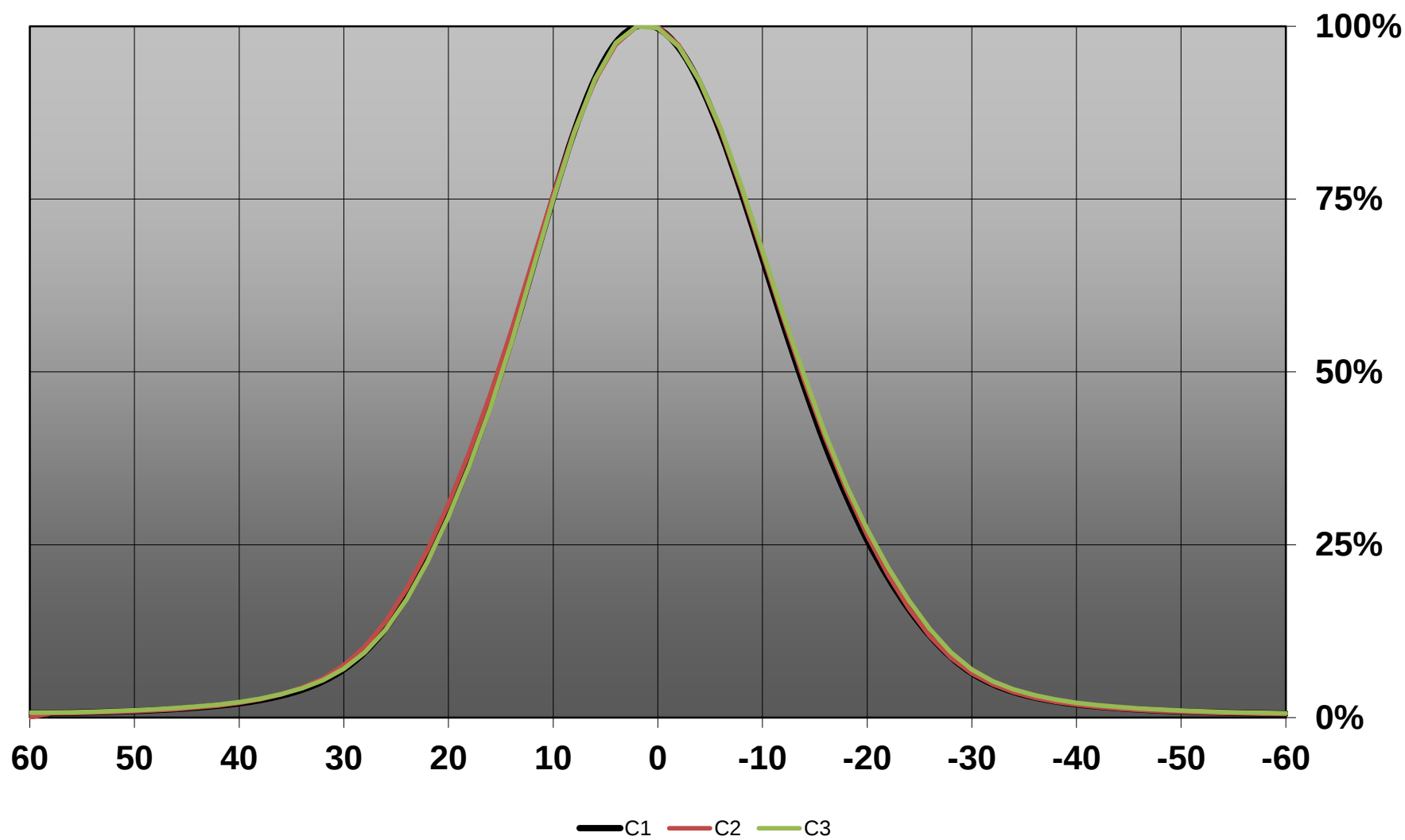
Relative intensity of C12782_MELODY-4-M



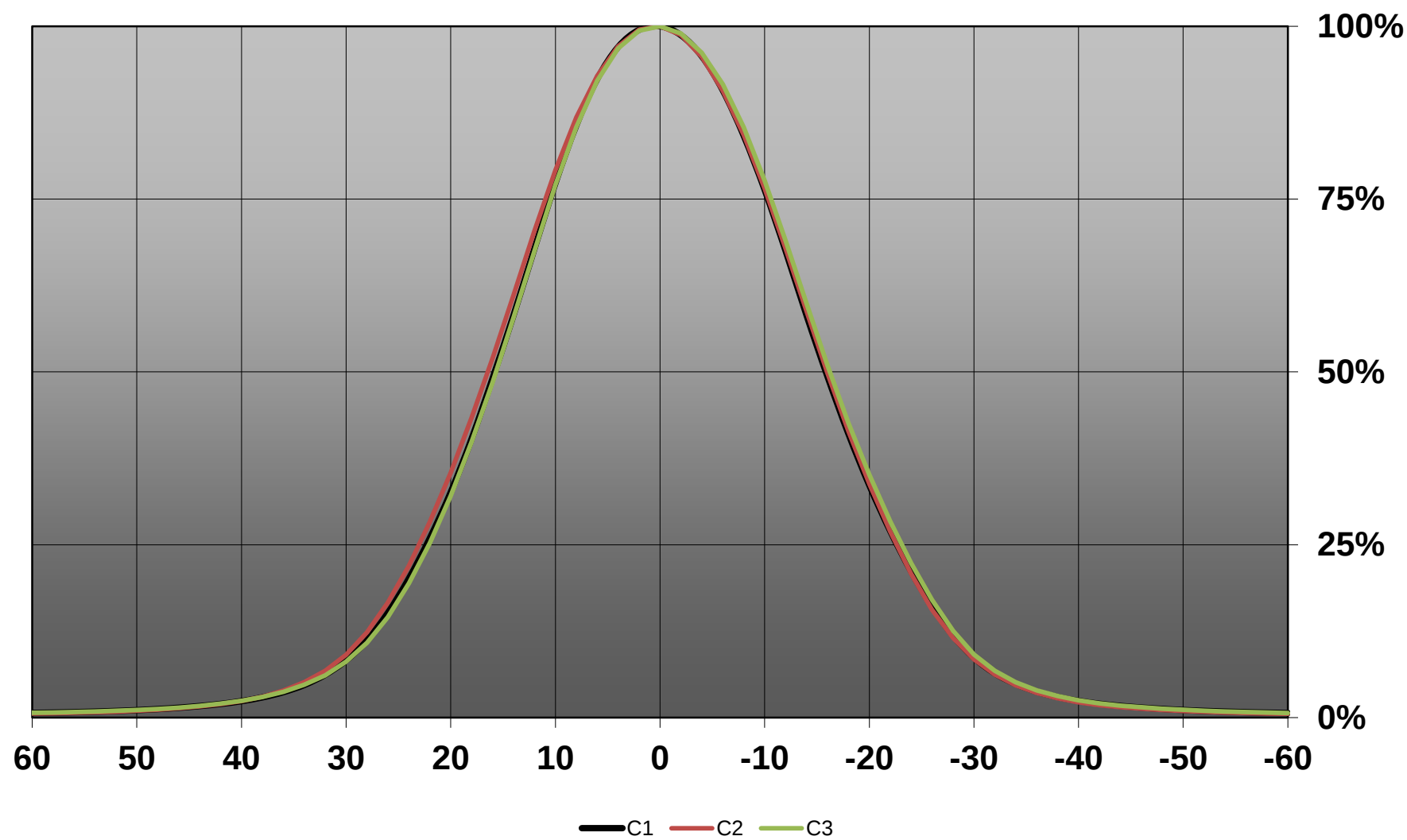
Relative intensity of C12782_MELODY-4-M-XBD



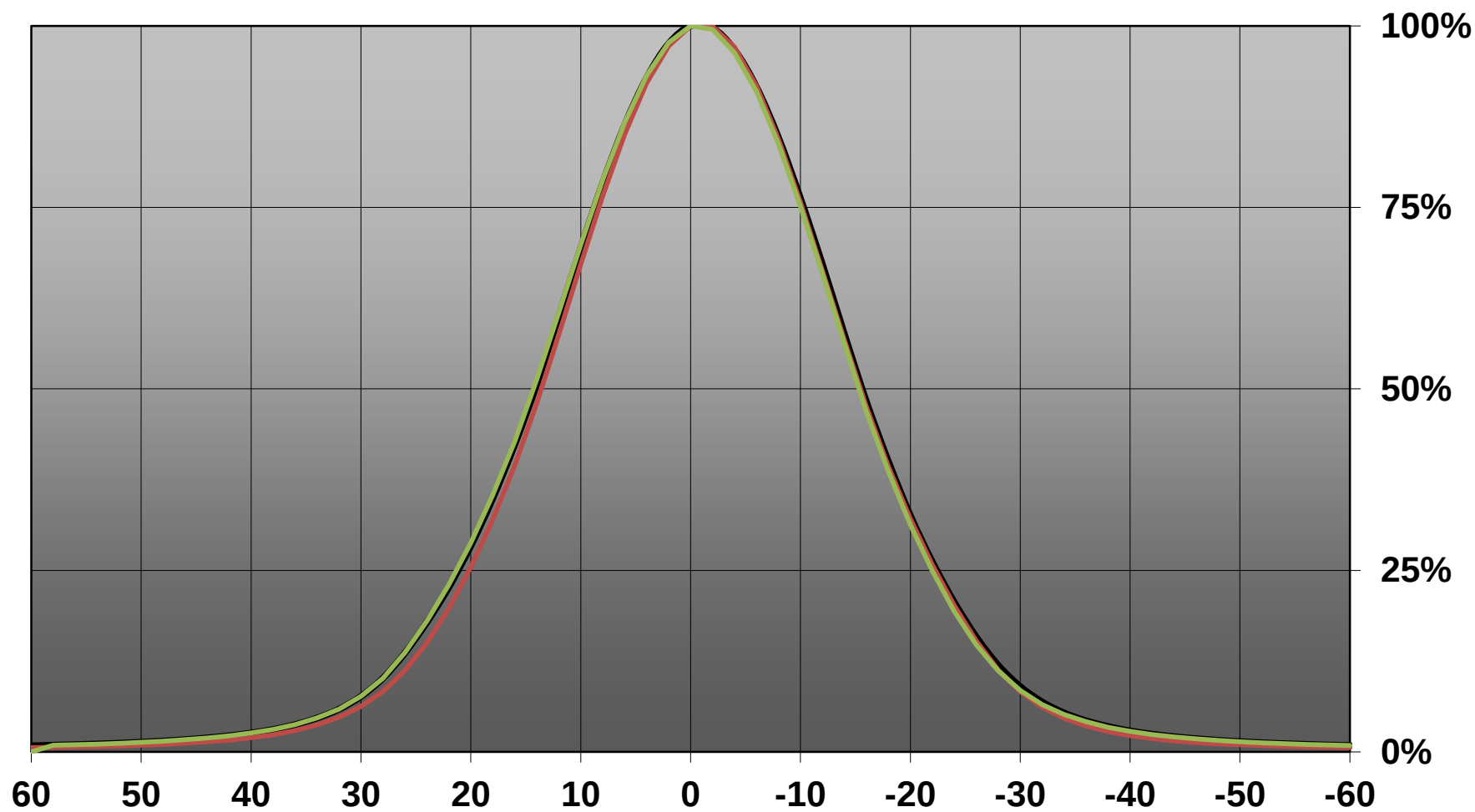
Relative intensity of C12782_MELODY-4-M-RE



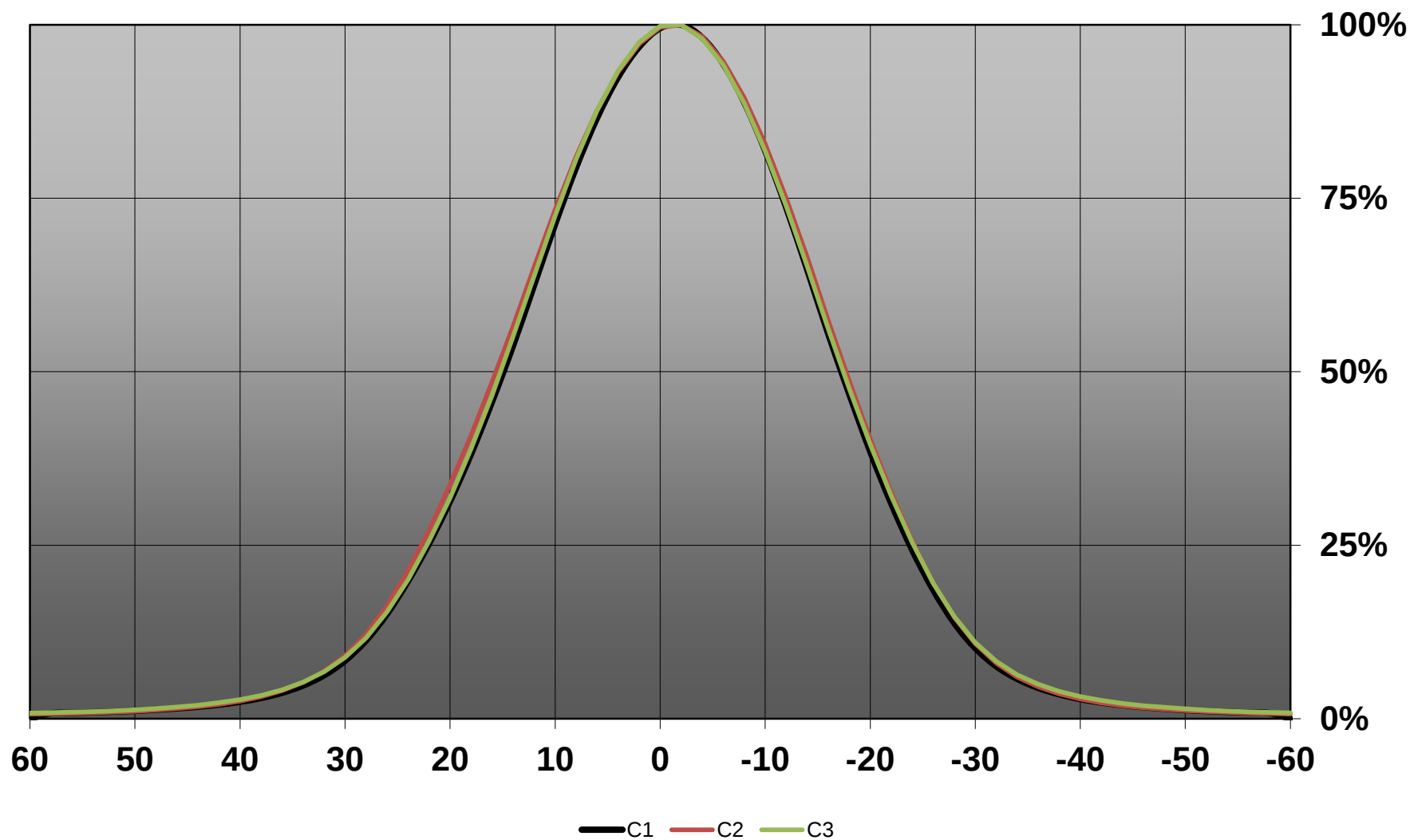
Relative intensity of C12782_MELODY-4-M-XPG



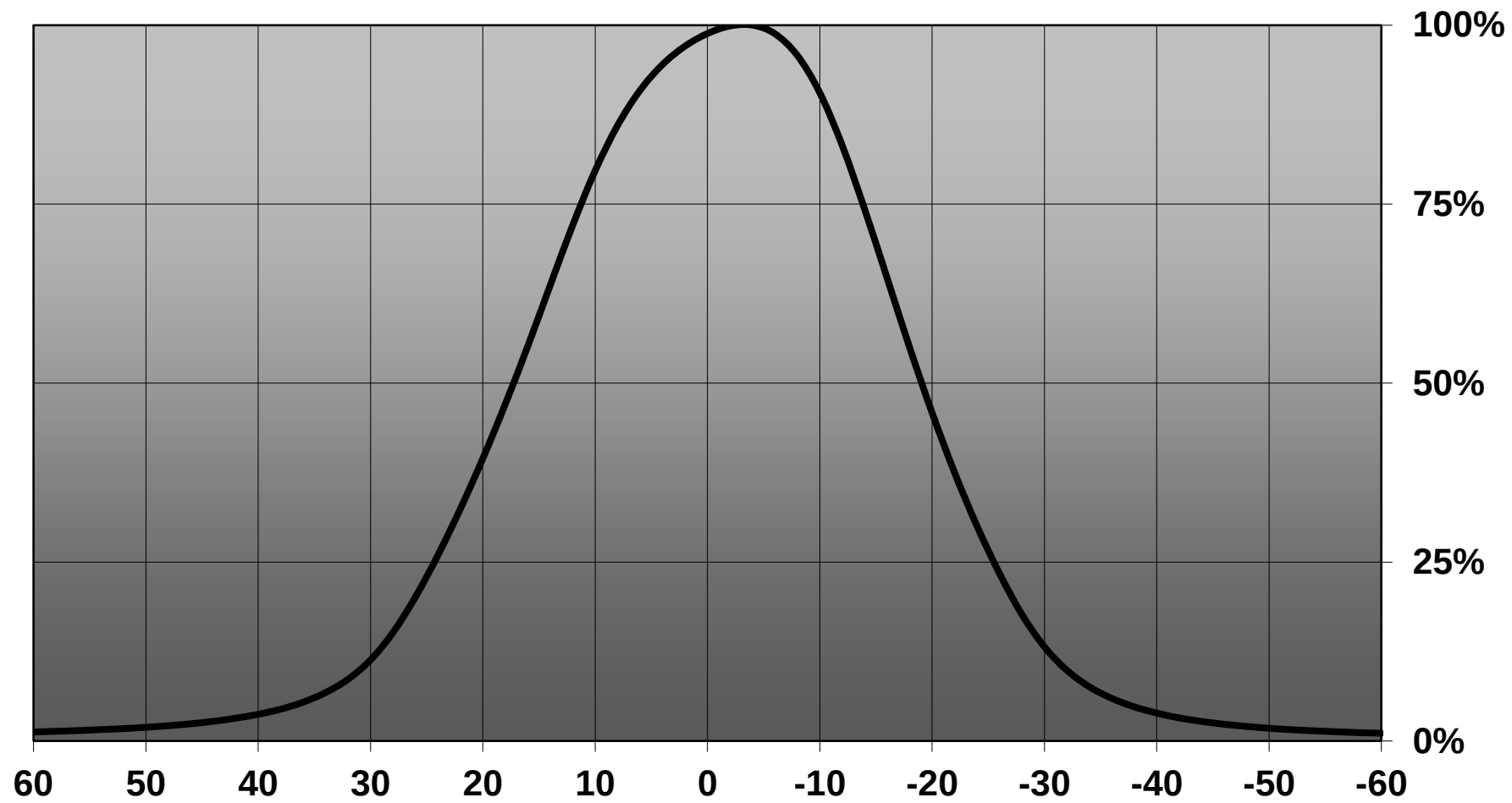
Relative intensity of C12782_MELODY-4-M-N219



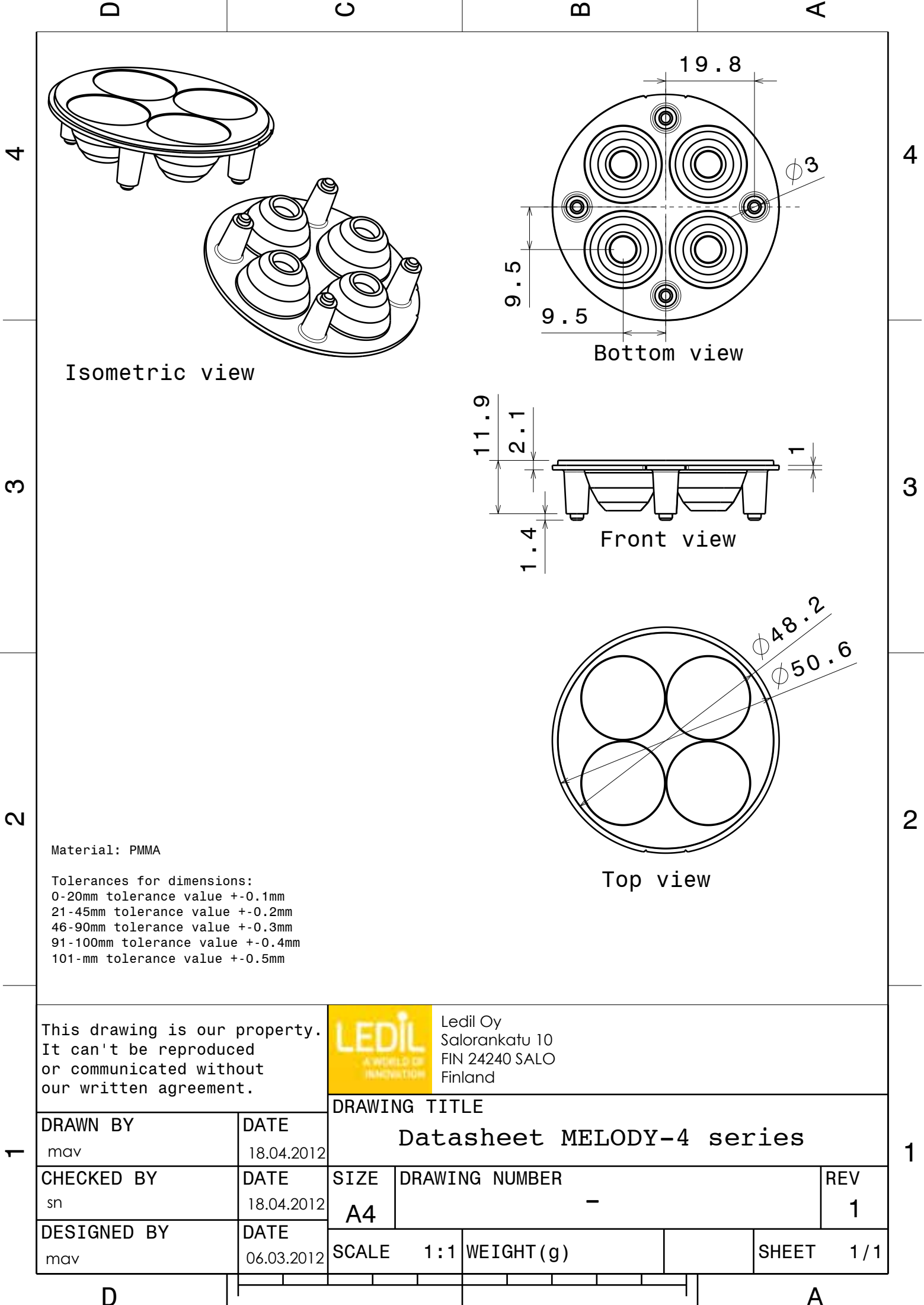
Relative intensity of C12782_MELODY-4-M-LuxA



Relative intensity of C12782_MELODY-4-M_(LH351Z)



— 1: 0-180



Isometric view

Bottom view

Front view

Top view

Material: PMMA

Tolerances for dimensions:
0-20mm tolerance value +/-0.1mm
21-45mm tolerance value +/-0.2mm
46-90mm tolerance value +/-0.3mm
91-100mm tolerance value +/-0.4mm
101-mm tolerance value +/-0.5mm

This drawing is our property.
It can't be reproduced
or communicated without
our written agreement.



Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE

Datasheet MELODY-4 series

DRAWN BY

mav

DATE

18.04.2012

CHECKED BY

sn

DATE

18.04.2012

DESIGNED BY

mav

DATE

06.03.2012

SIZE

A4

DRAWING NUMBER

-

REV

1

SCALE

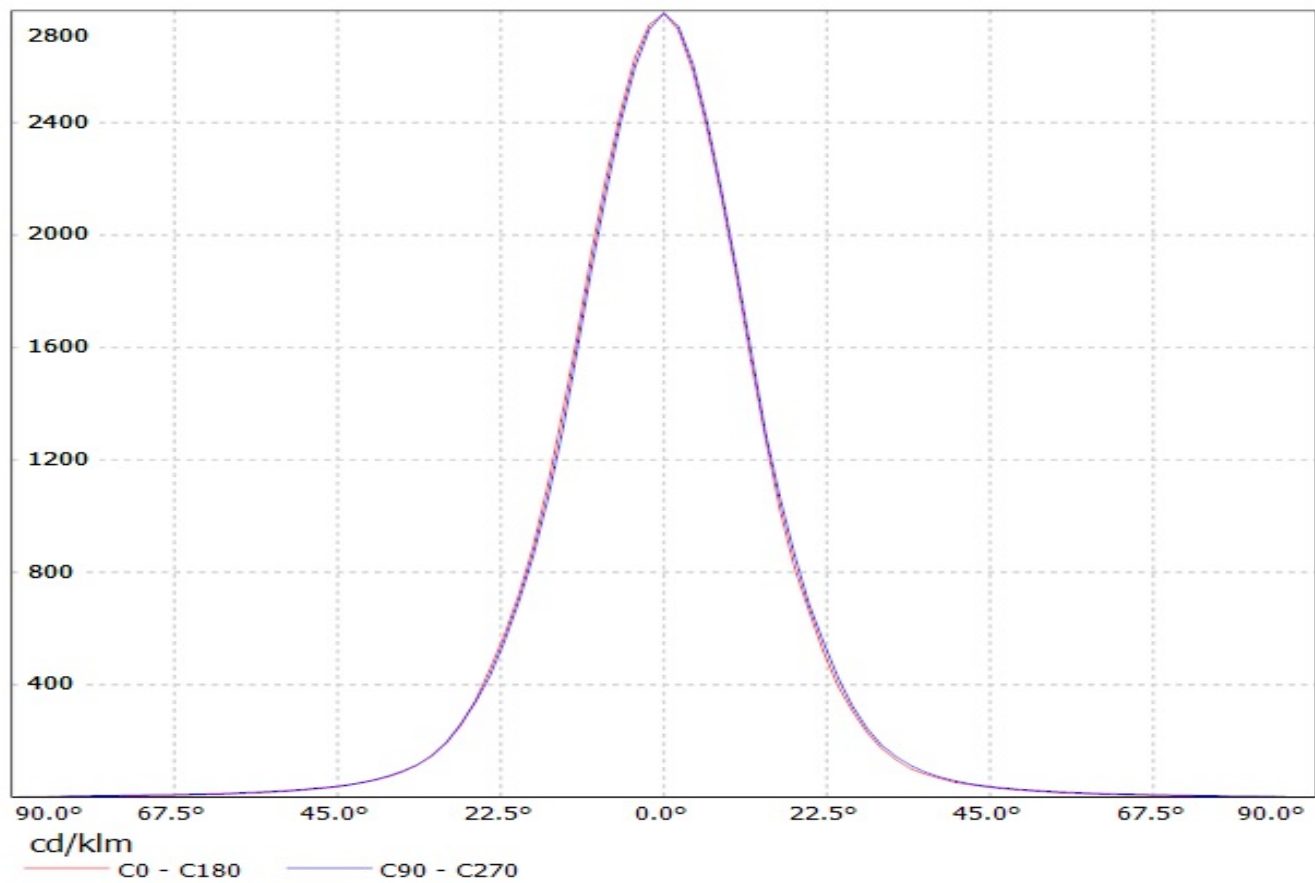
1 : 1

WEIGHT (g)

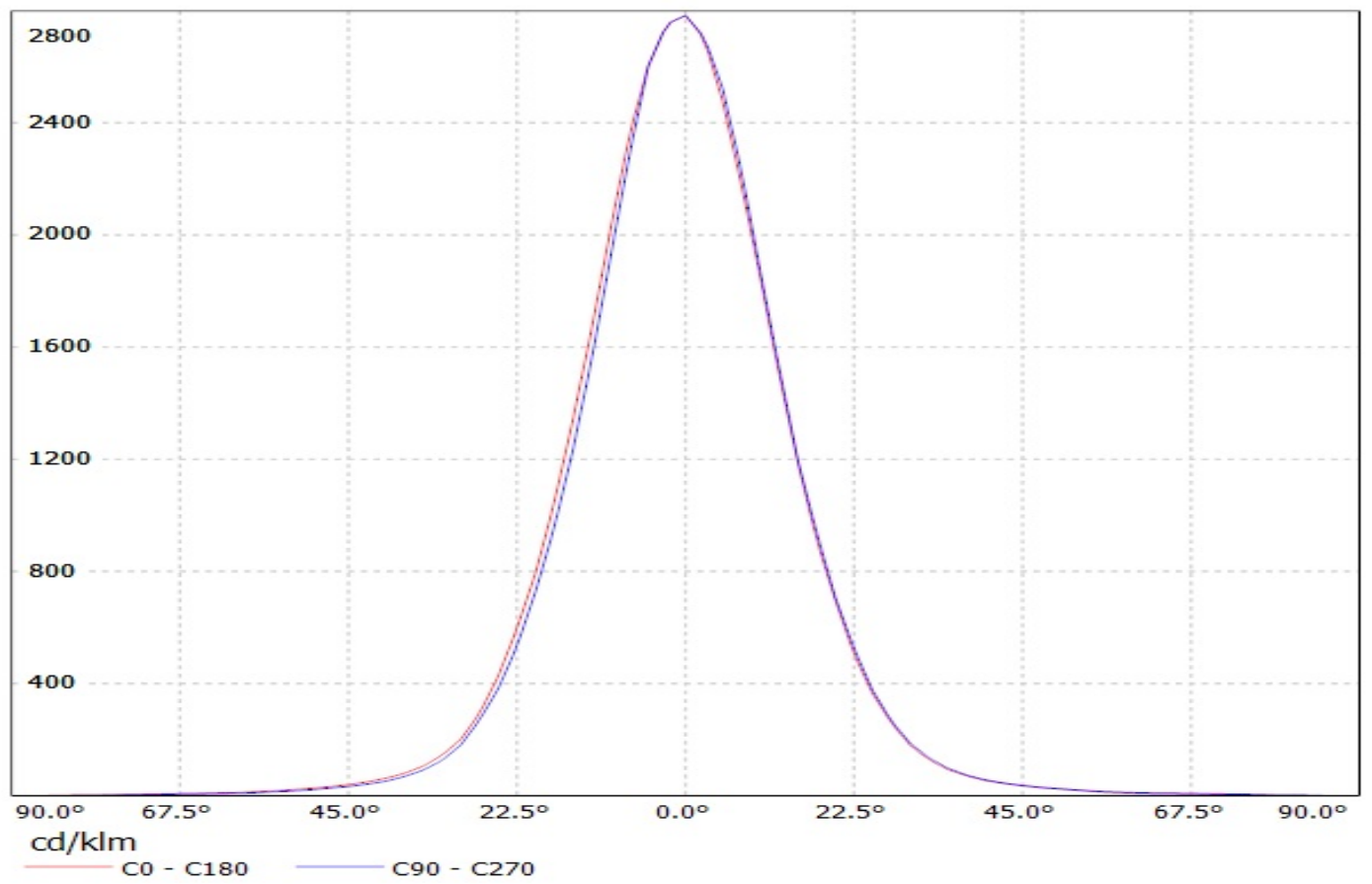
SHEET

1 / 1

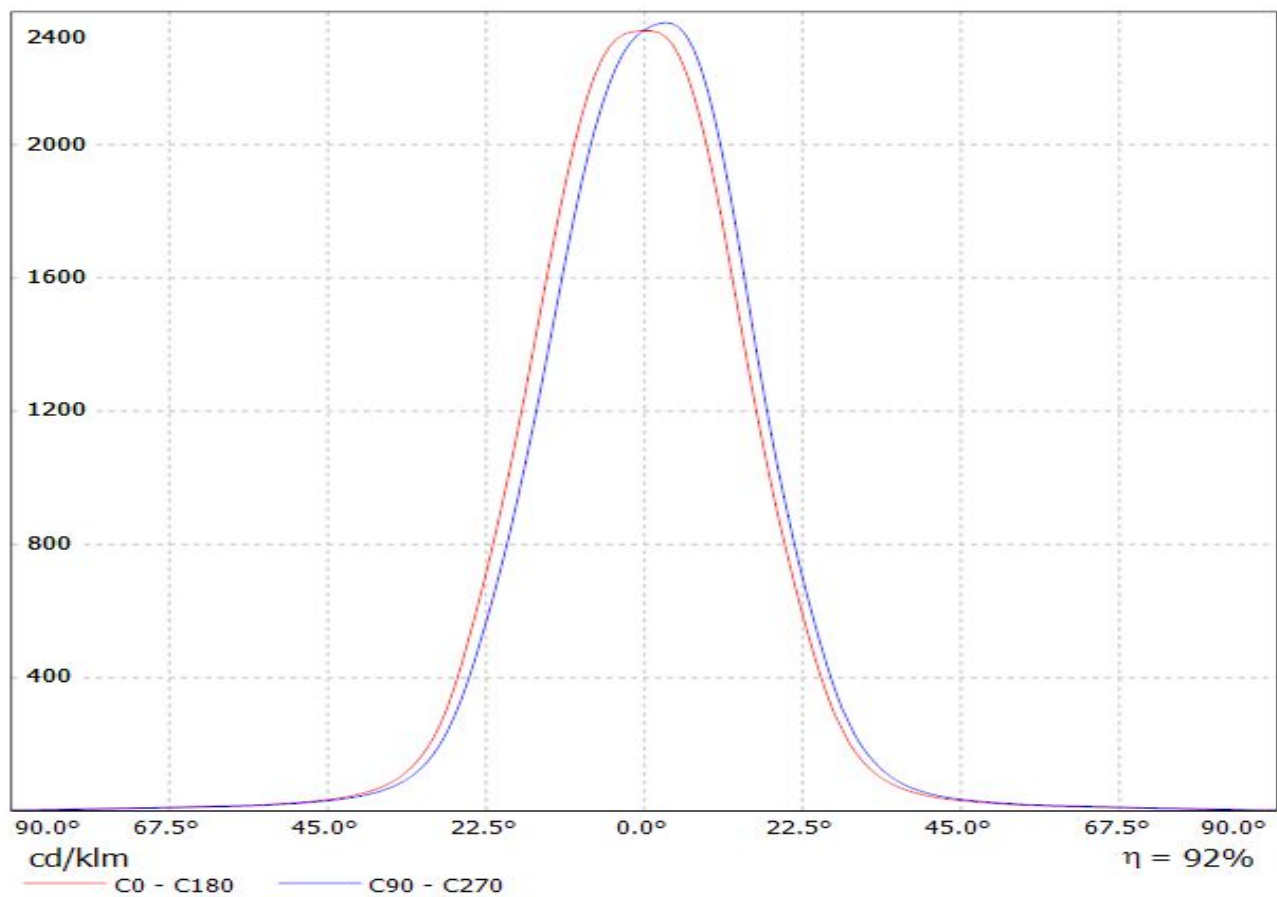
Luminaire: LEDiL Oy C12782_MELODY-4-M_(NCSxx19B) Efficiency=84%
Lamps: 1 x Nichia NCSxx19B (NCSL119BE) 347lm @ 250mA CCT=3000K P=3.1W I=250mA



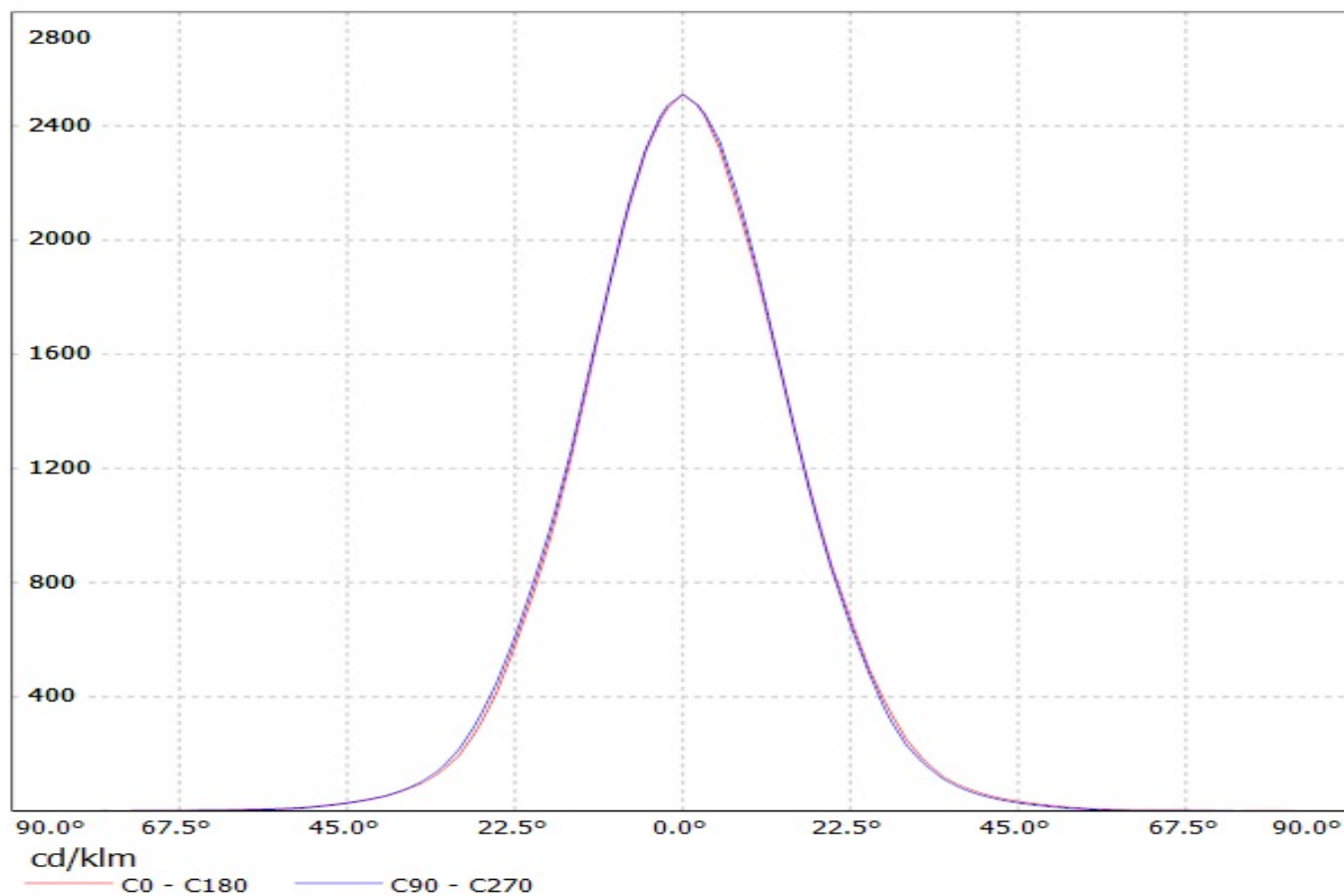
Luminaire: LEDil Oy C12782_MELODY-4-M_(XP-E2) Efficiency=85%
Lamps: 1 x Cree XP-E2 (XPEBWT-L1-7B4-Q4-0-01) 336lm @ 250mA CCT=3200K P=2.9W I=250mA



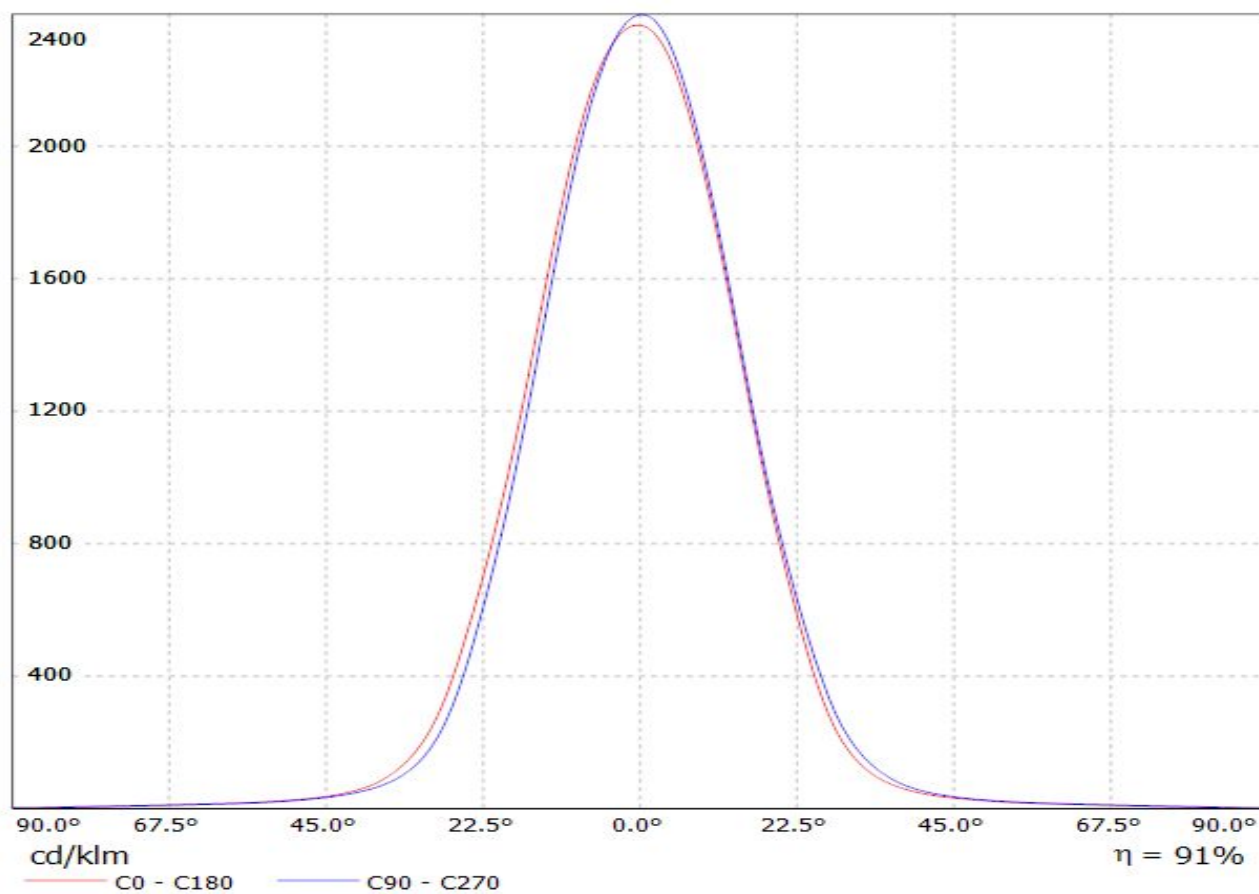
Luminaire: LEDIL OY C12782_MELODY-4-M (XP-G) Efficiency=92%
Lamps: 1 x XP-G MELODY (267lm @ 250mA)



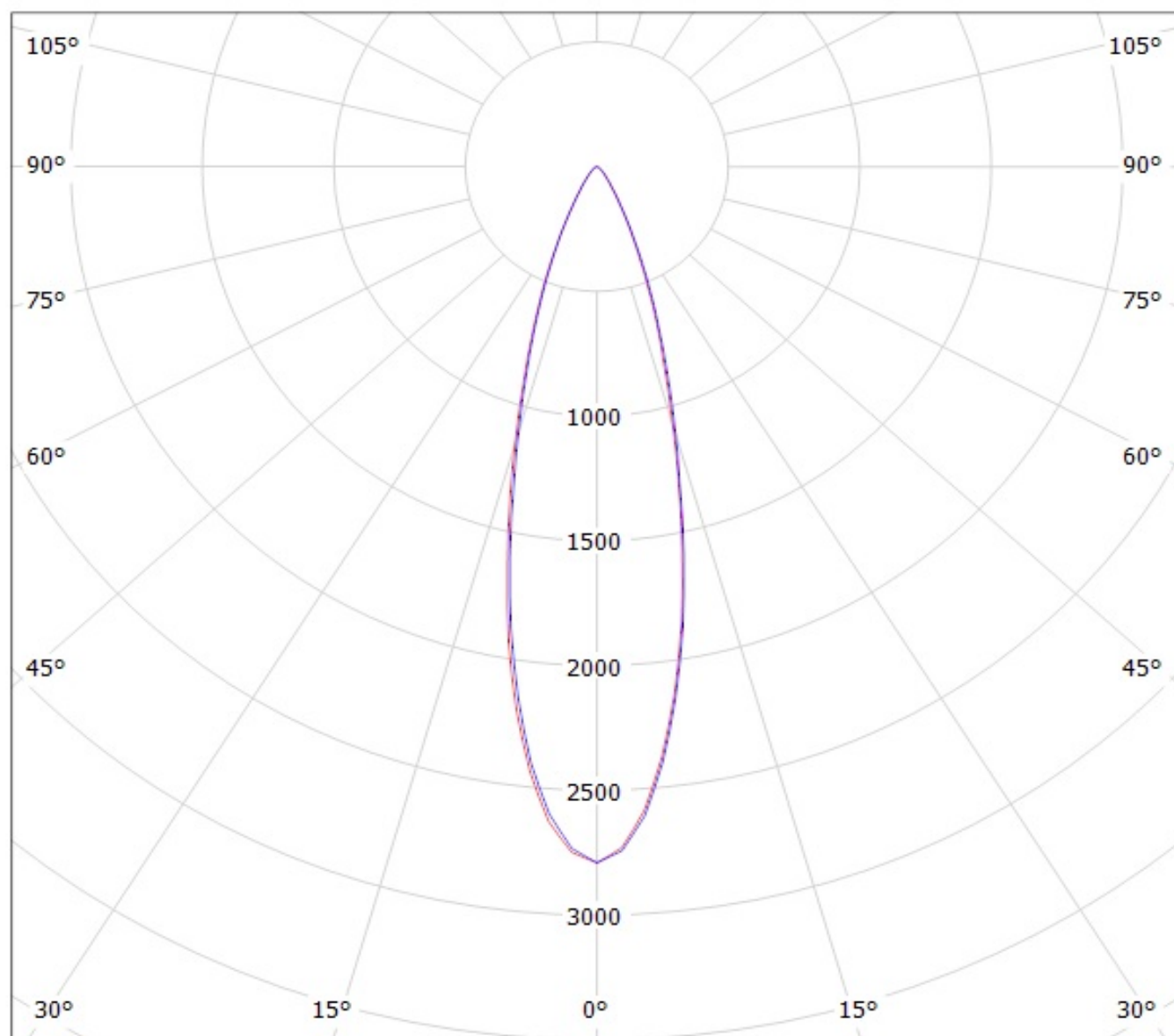
Luminaire: LEDil Oy C12782_MELODY-4-M_(XP-G2) Efficiency=87%
Lamps: 1 x Cree XP-G2 (XPGBWT-L1-000-00G51) 420lm @ 250mA CCT=7300K P=2.9W I=250mA



Luminaire: LEDIL OY C12782_MELODY-4-M (Luxeon A) Efficiency=92%
Lamps: 1 x Luxeon A MELODY (267lm @ 250mA)



Luminaire: LEDiL Oy C12782_MELODY-4-M_(NCSxx19B) Efficiency=84%
Lamps: 1 x Nichia NCSxx19B (NCSL119BE) 347lm @ 250mA CCT=3000K P=3.1W I=250mA



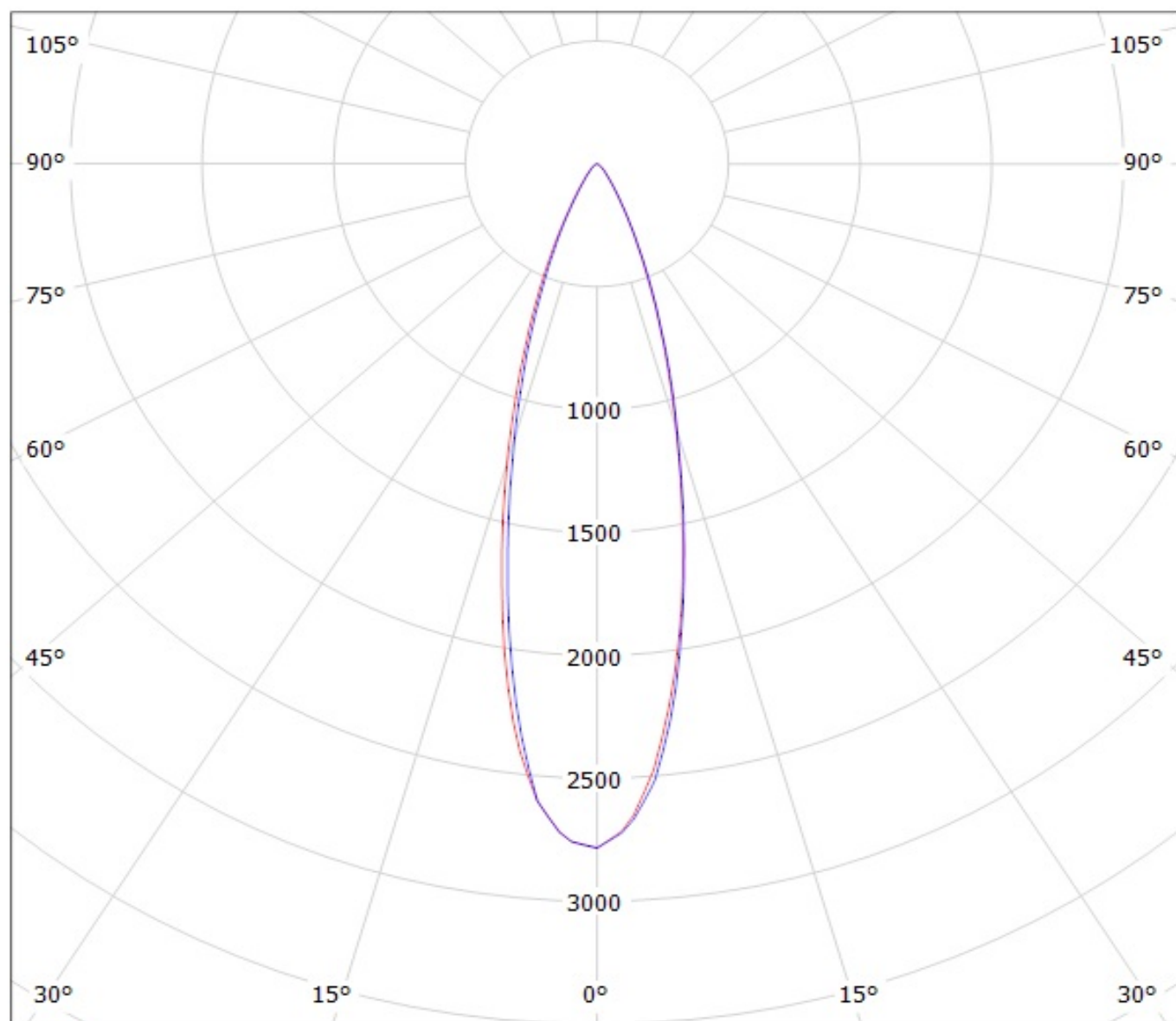
cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDil Oy C12782_MELODY-4-M_(XP-E2) Efficiency=85%

Lamps: 1 x Cree XP-E2 (XPEBWT-L1-7B4-Q4-0-01) 336lm @ 250mA CCT=3200K P=2.9W I=250mA

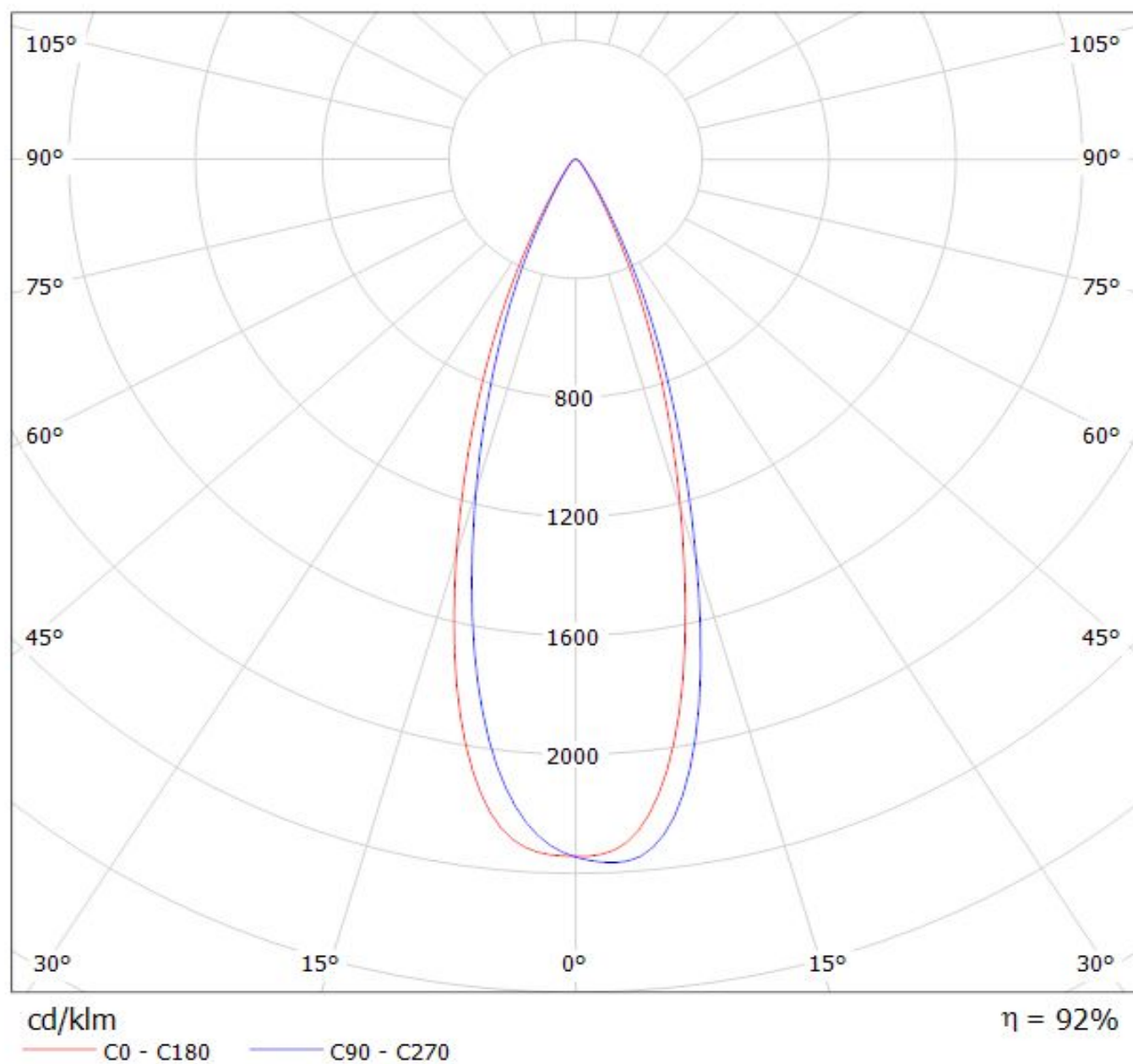


cd/klm

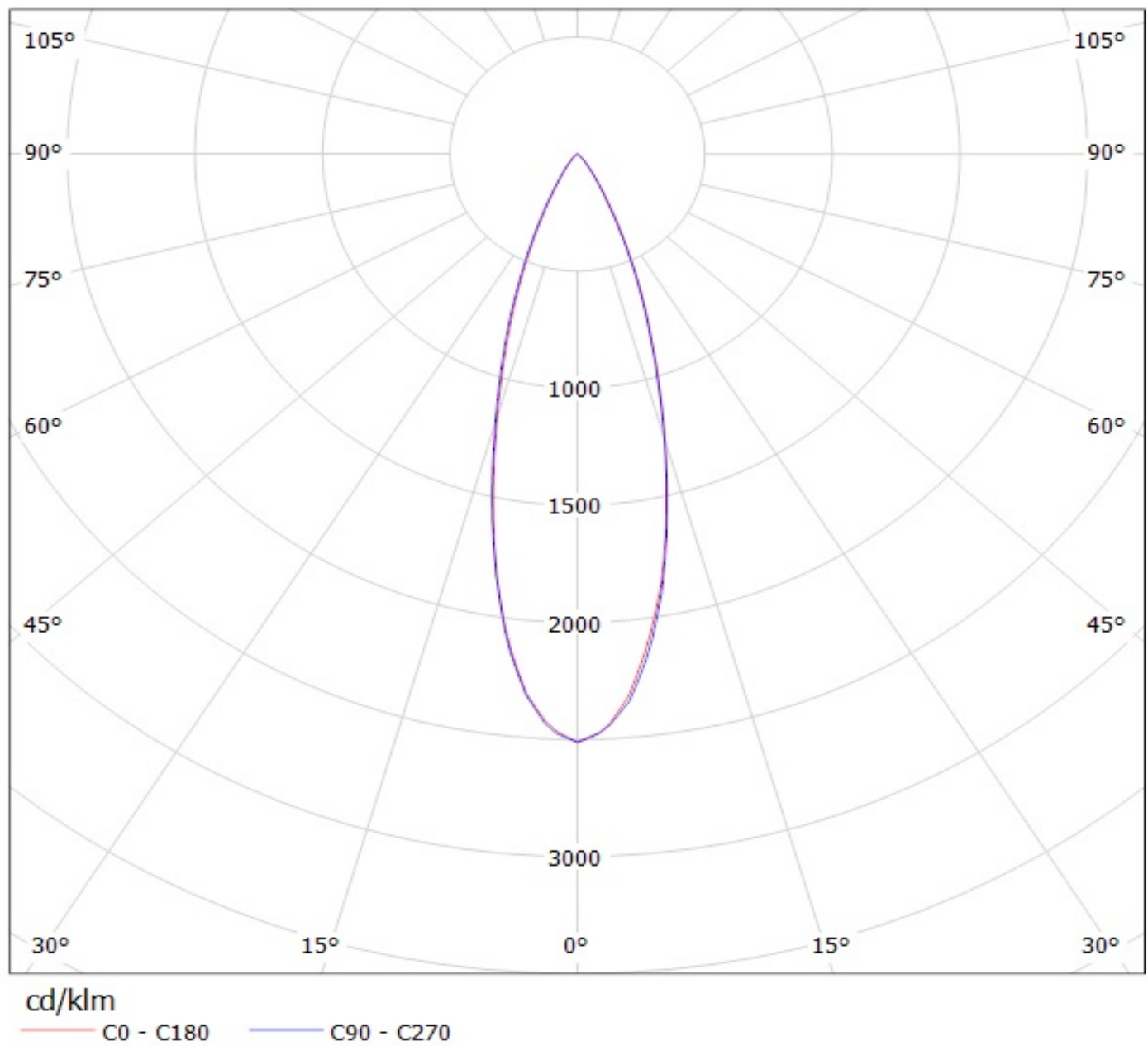
— C0 - C180

— C90 - C270

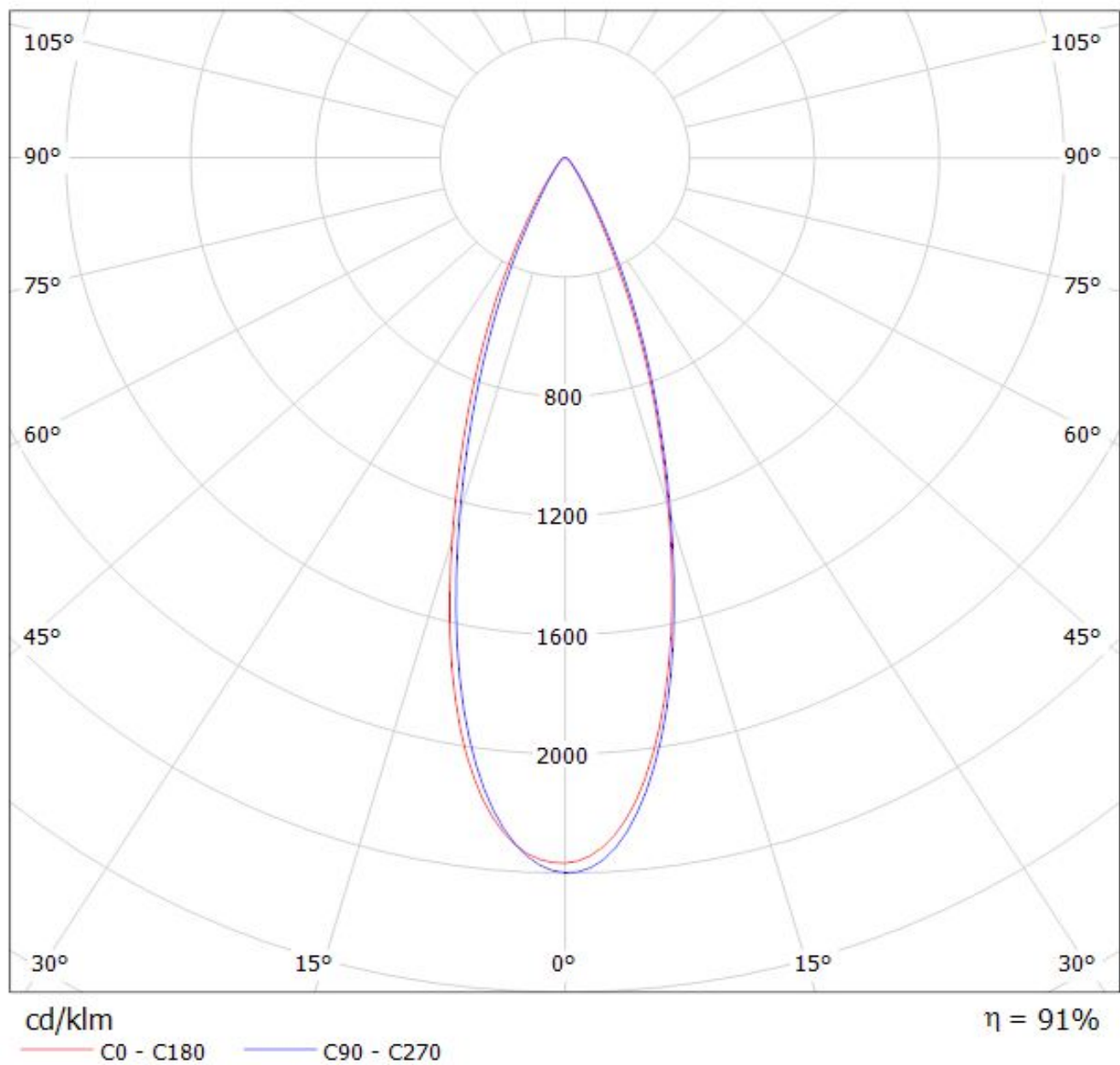
Luminaire: LEDIL OY C12782_MELODY-4-M (XP-G) Efficiency=92%
Lamps: 1 x XP-G MELODY (267lm @ 250mA)



Luminaire: LEDil Oy C12782_MELODY-4-M_(XP-G2) Efficiency=87%
Lamps: 1 x Cree XP-G2 (XPGBWT-L1-000-00G51) 420lm @ 250mA CCT=7300K P=2.9W I=250mA



Luminaire: LEDIL OY C12782_MELODY-4-M (Luxeon A) Efficiency=92%
Lamps: 1 x Luxeon A MELODY (267lm @ 250mA)



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.