

**Product number C11552_BARBARA-S**

Family	Barbara
Type	Reflector
LED	BXRA ES Rectangle
Color	Metal
Diameter	70 mm
Height	44.7 mm
Style	Round
Optic Material	PC
Holder Material	-
Fastening	["glue"]
Status	Production ready

FWHM	17 degrees
Efficiency	90 %
cd/Im	5.060
Gerber File	Available

Not compatible if PCB board fastened with screws.
Compatible if PCB board fastened with glue.

**Product number C11553_BARBARA-W**

Family	Barbara
Type	Reflector
LED	BXRA ES Rectangle
Color	Metal
Diameter	70 mm
Height	44.7 mm
Style	Round
Optic Material	PC
Holder Material	-
Fastening	["glue"]
Status	Production ready

FWHM	37 degrees
Efficiency	90 %
cd/Im	2.010
Gerber File	Available

Not compatible if PCB board fastened with screws.
Compatible if PCB board fastened with glue.

**Product number C13032_BARBARA-WW**

Family	Barbara
Type	Reflector
LED	BXRA ES Rectangle
Color	Metal
Diameter	70 mm
Height	44.7 mm
Style	Round
Optic Material	PC
Holder Material	-
Fastening	["glue"]
Status	Production ready

FWHM	60 degrees
Efficiency	89 %
cd/Im	1.000
Gerber File	Available

**Product number C12955_BARBARA-XW**

Family	Barbara
Type	Reflector
LED	BXRA ES Rectangle
Color	White
Diameter	70 mm
Height	44.7 mm
Style	Round
Optic Material	HRPC
Holder Material	-
Fastening	["glue"]
Status	Production ready

FWHM	75 degrees
Efficiency	93 %
cd/Im	0.550
Gerber File	Available

Not compatible if PCB board fastened with screws.
Compatible if PCB board fastened with glue.



PRODUCT DATASHEET

Barbara series

last update 30/12/2016

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.



PRODUCT DATASHEET

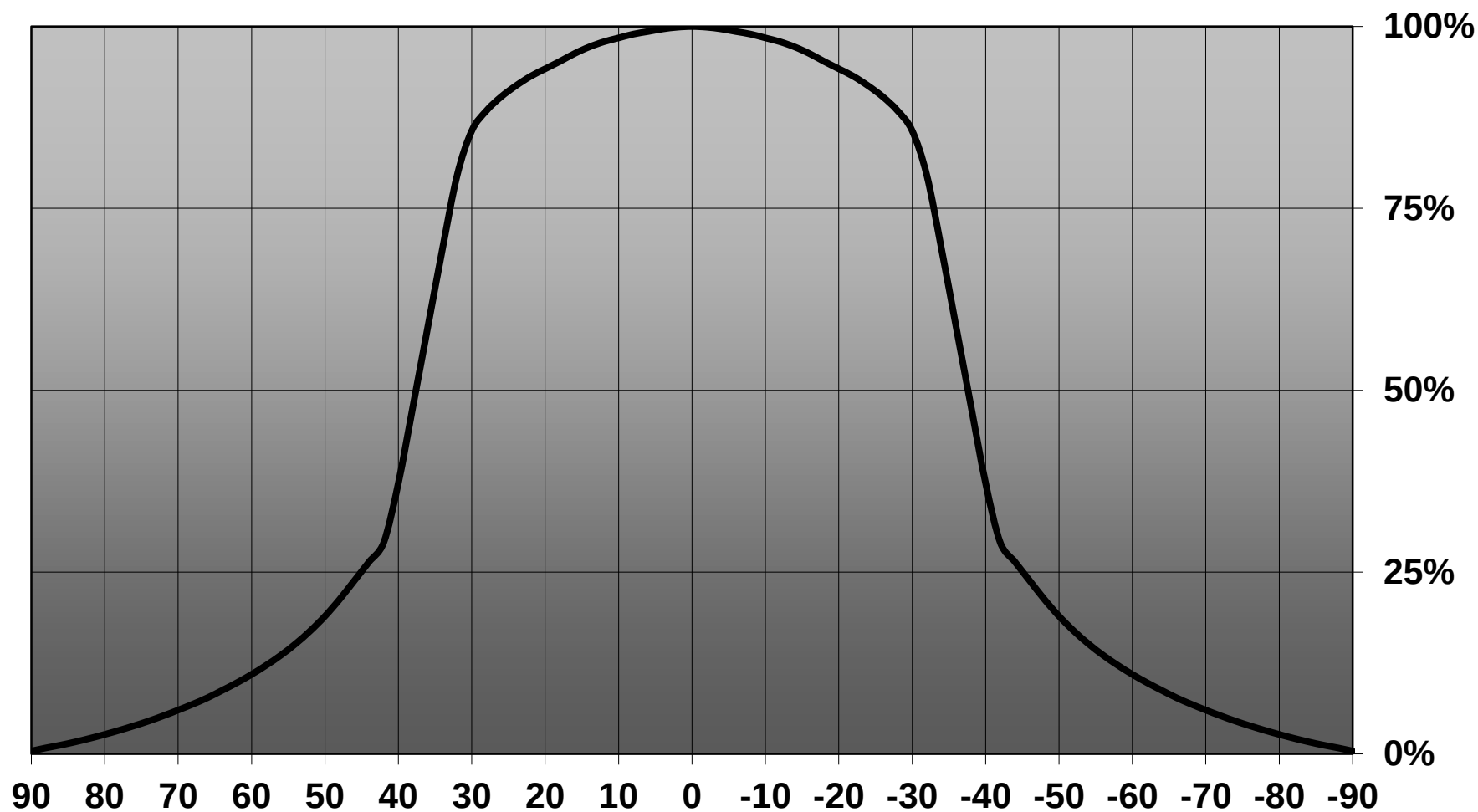
Barbara series

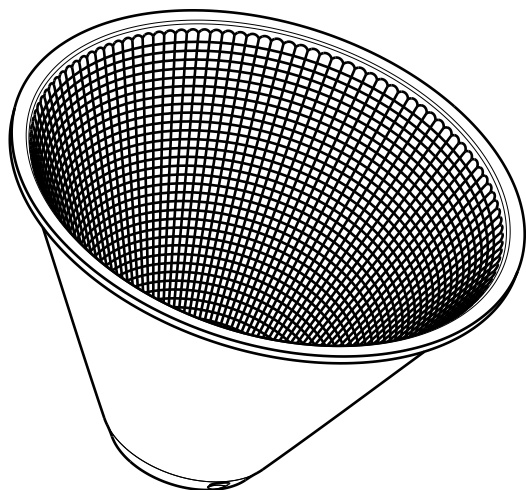
last update 30/12/2016

GENERAL INFORMATION

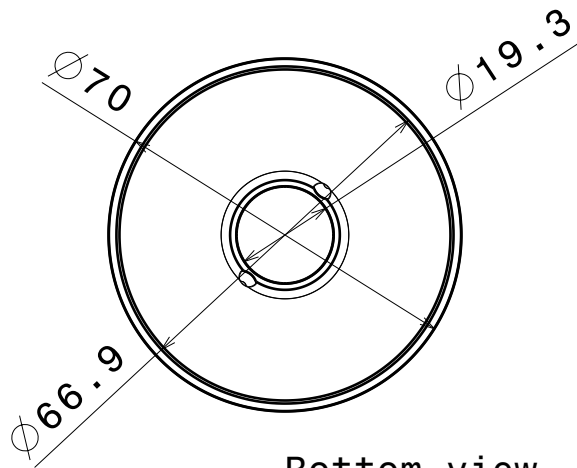
- Product series especially designed & optimized for BXRA ES Rectangle series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Reflector is made of aluminium coated PC (120 degrees of Celcius / 248 degrees of Fahrenheit) with protective lacquer (short term 100 degrees of Celcius / 212 degrees of Fahrenheit).

Relative intensity of C12955_BARBARA-XW_(BXRA_ES)

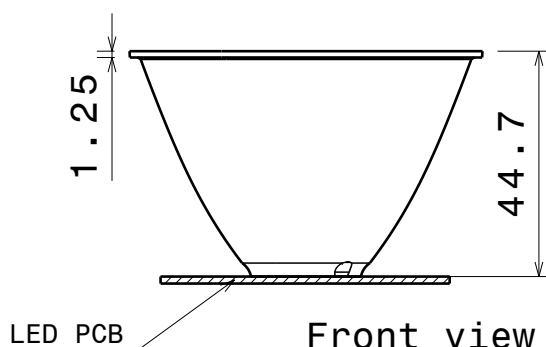




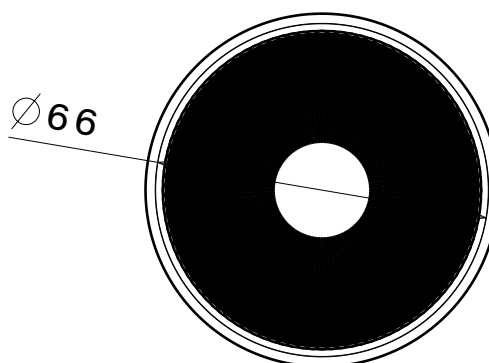
Isometric view



Bottom view



Front view



Top view

Material: PC with Metal coating and clear lacquer

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Ledil Oy
Salorankatu 10
FIN-24100 SALO
Finland

DRAWING TITLE

Datasheet Barbara Reflector series

DRAWN BY
ah

DATE
3.1.2012

CHECKED BY
sn

DATE
3.1.2012

DESIGNED BY
ol

DATE
23.06.2010

SIZE
A4

DRAWING NUMBER

REV
2

SCALE

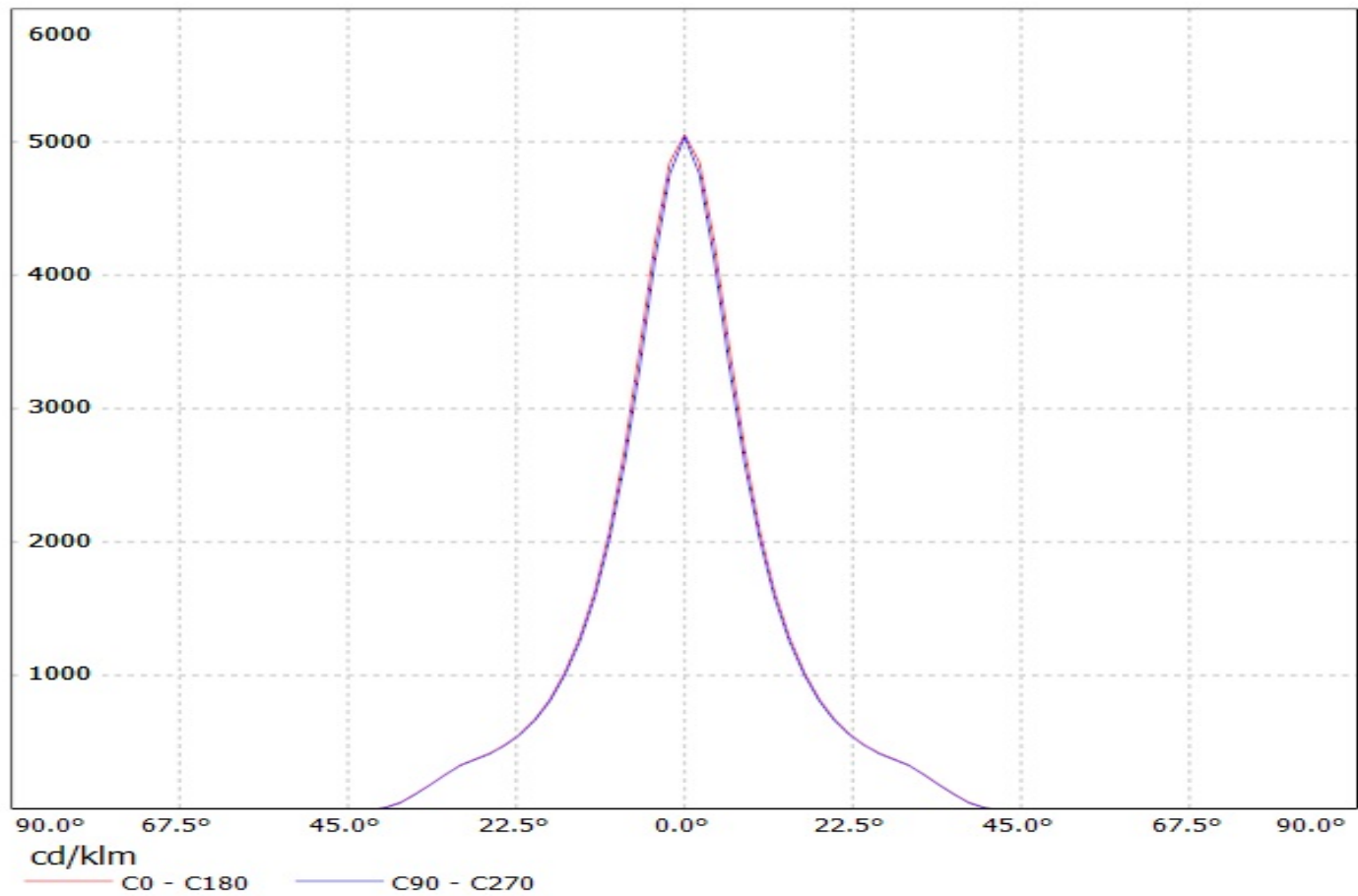
2:3

WEIGHT (g)

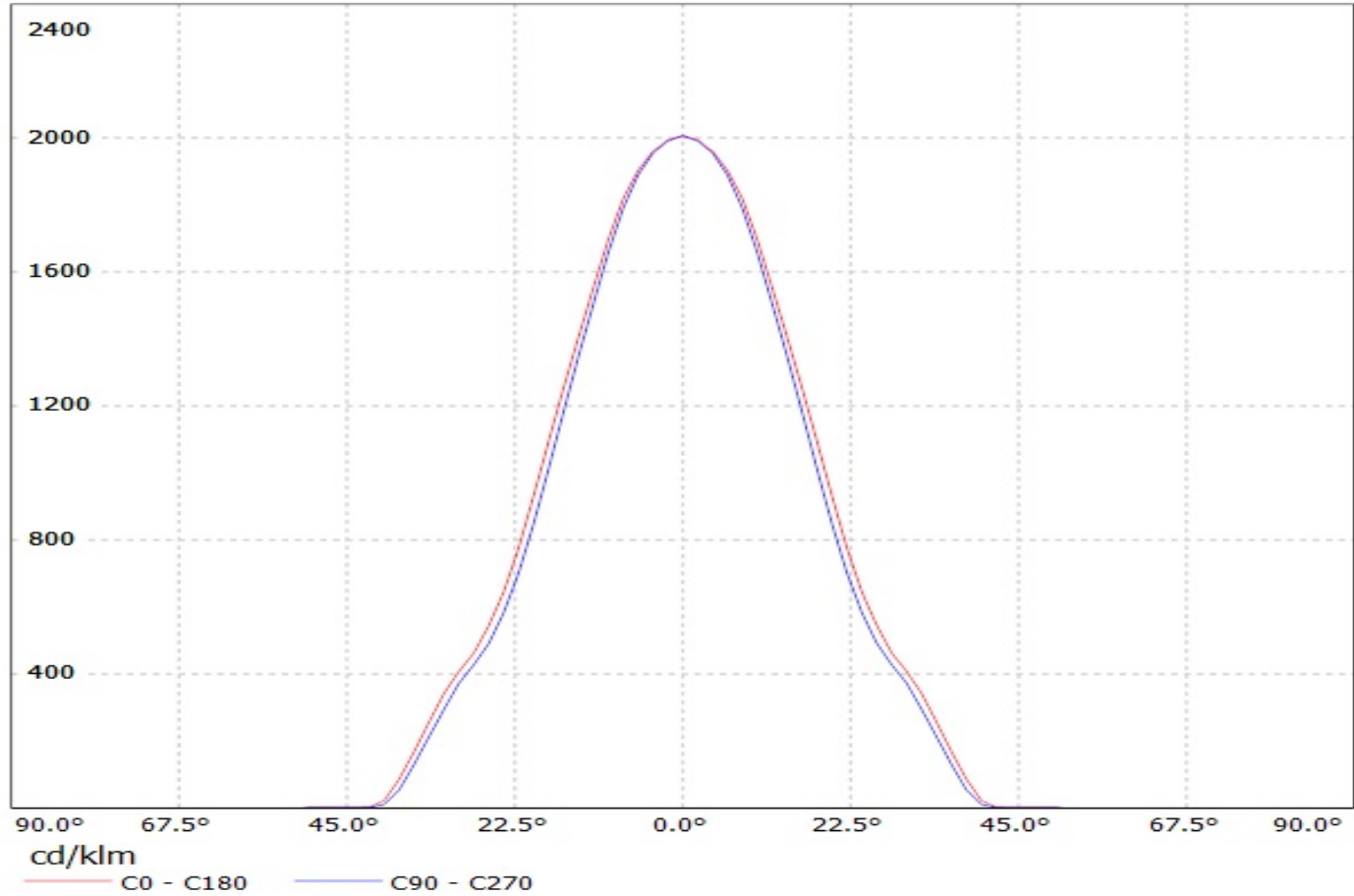
SHEET

1/1

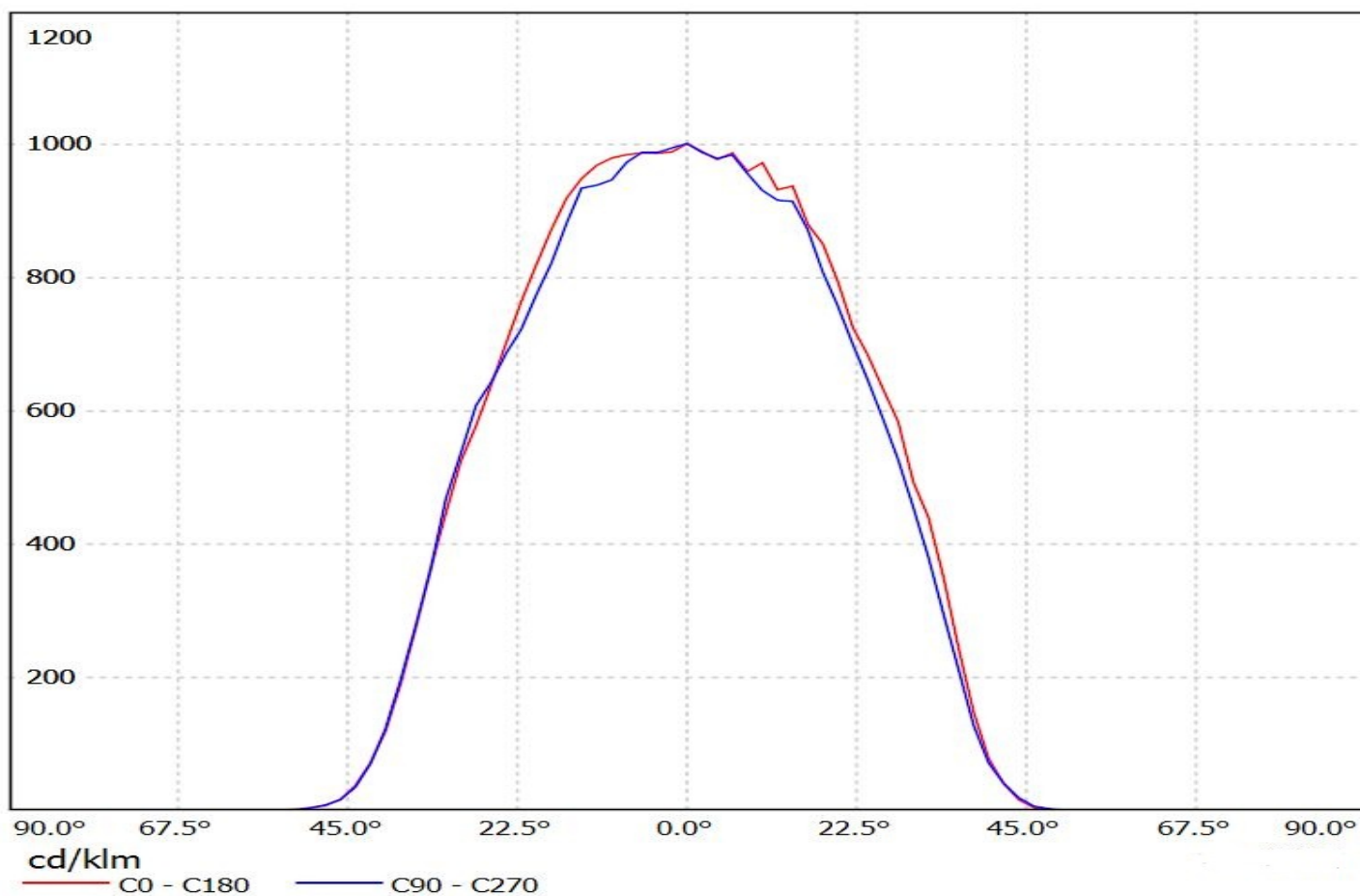
Luminaire: Ledil Oy C11552_Barbara-S C11552_Barbara-S
Lamps: 1 x Bridgelux BXRA-C2002 (Wh



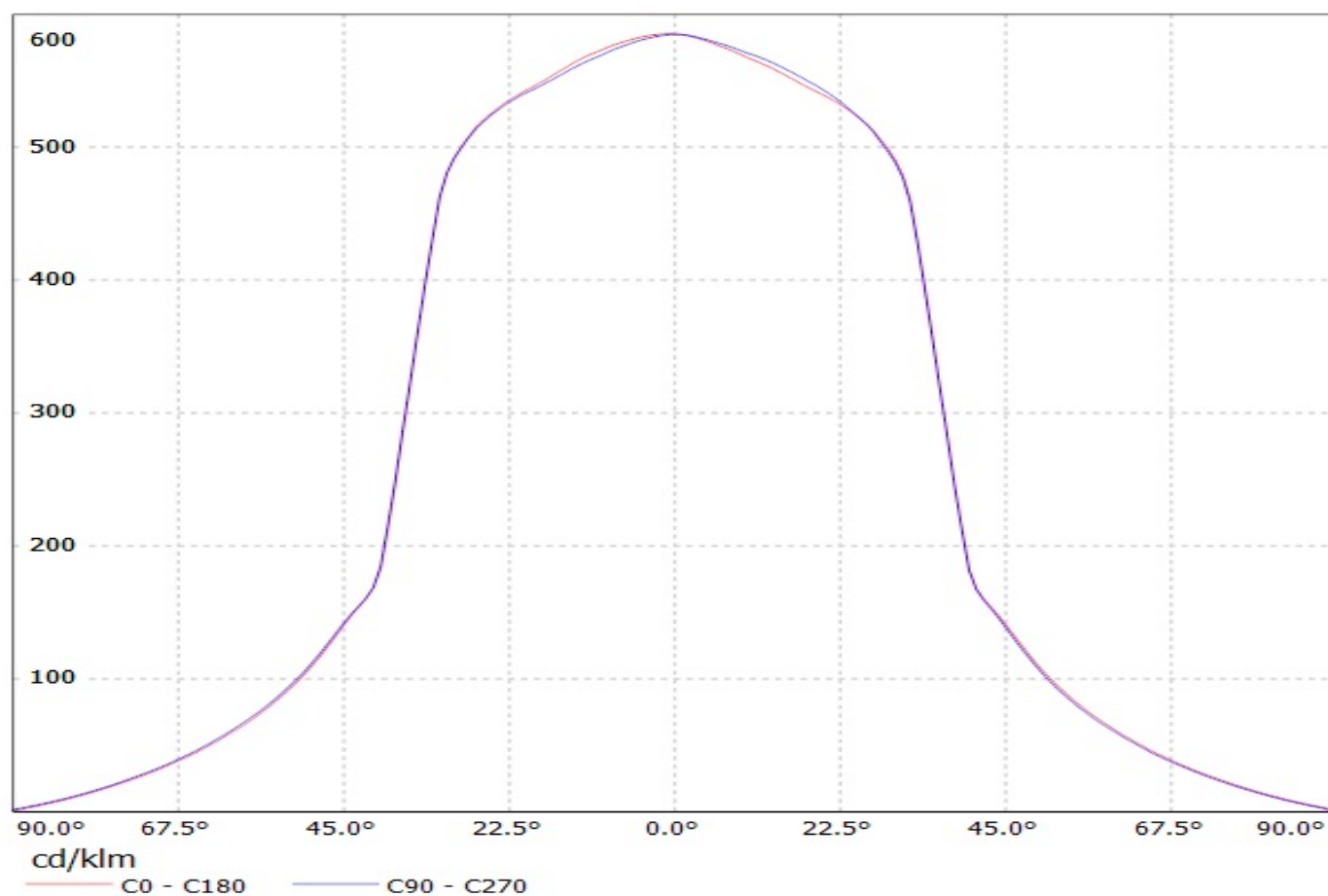
Luminaire: Ledil Oy C11553_Barbara-W C11553_Barbara-W
Lamps: 1 x Bridgelux BXRA-C2002 (Wh)



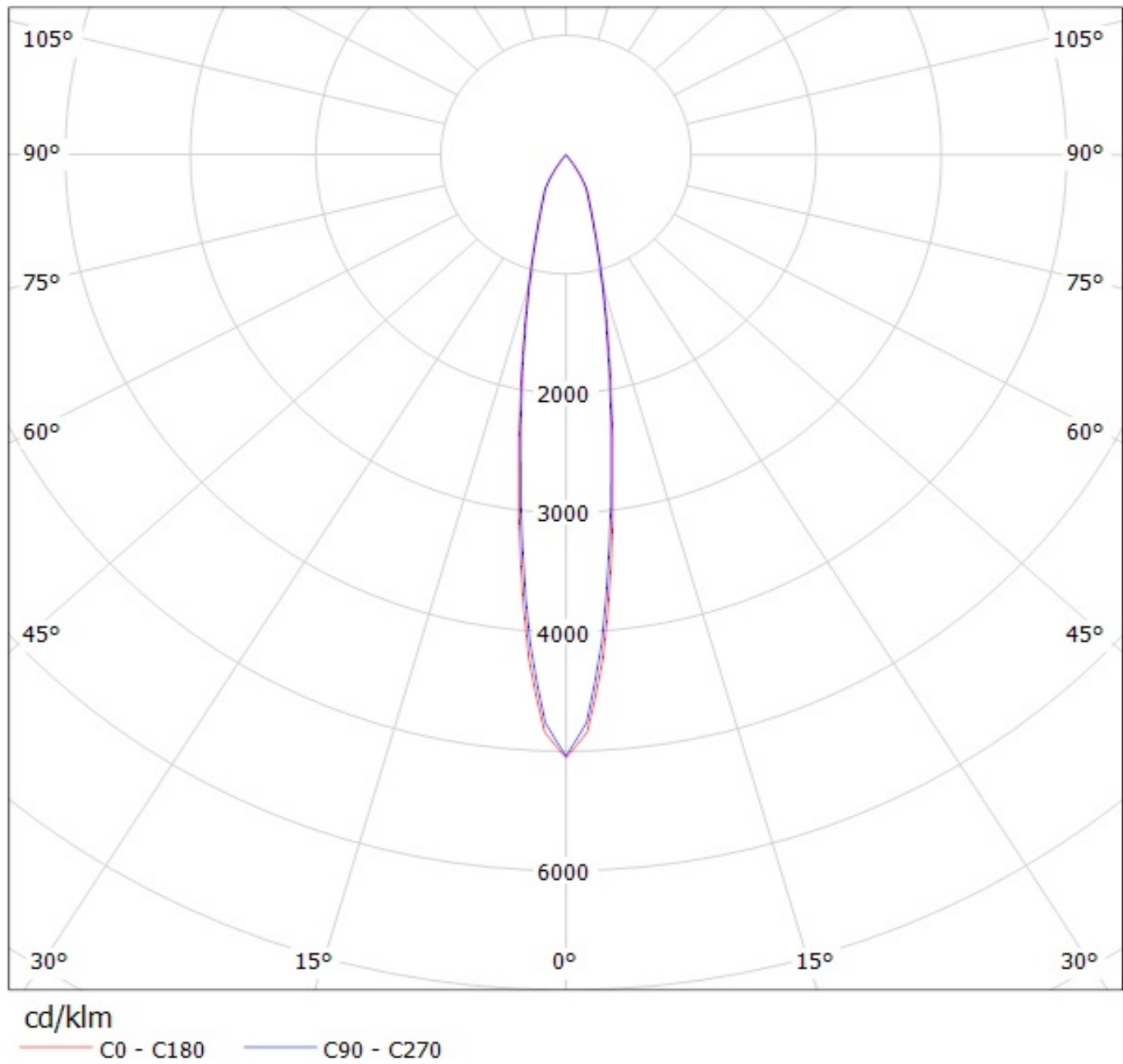
Luminaire: Ledil Oy C13032-Barbara-WW (Bridgelux BXRA-NO802) Efficiency=89%
Lamps: 1 x Bridgelux BXRA-NO802 237lm @ 250mA



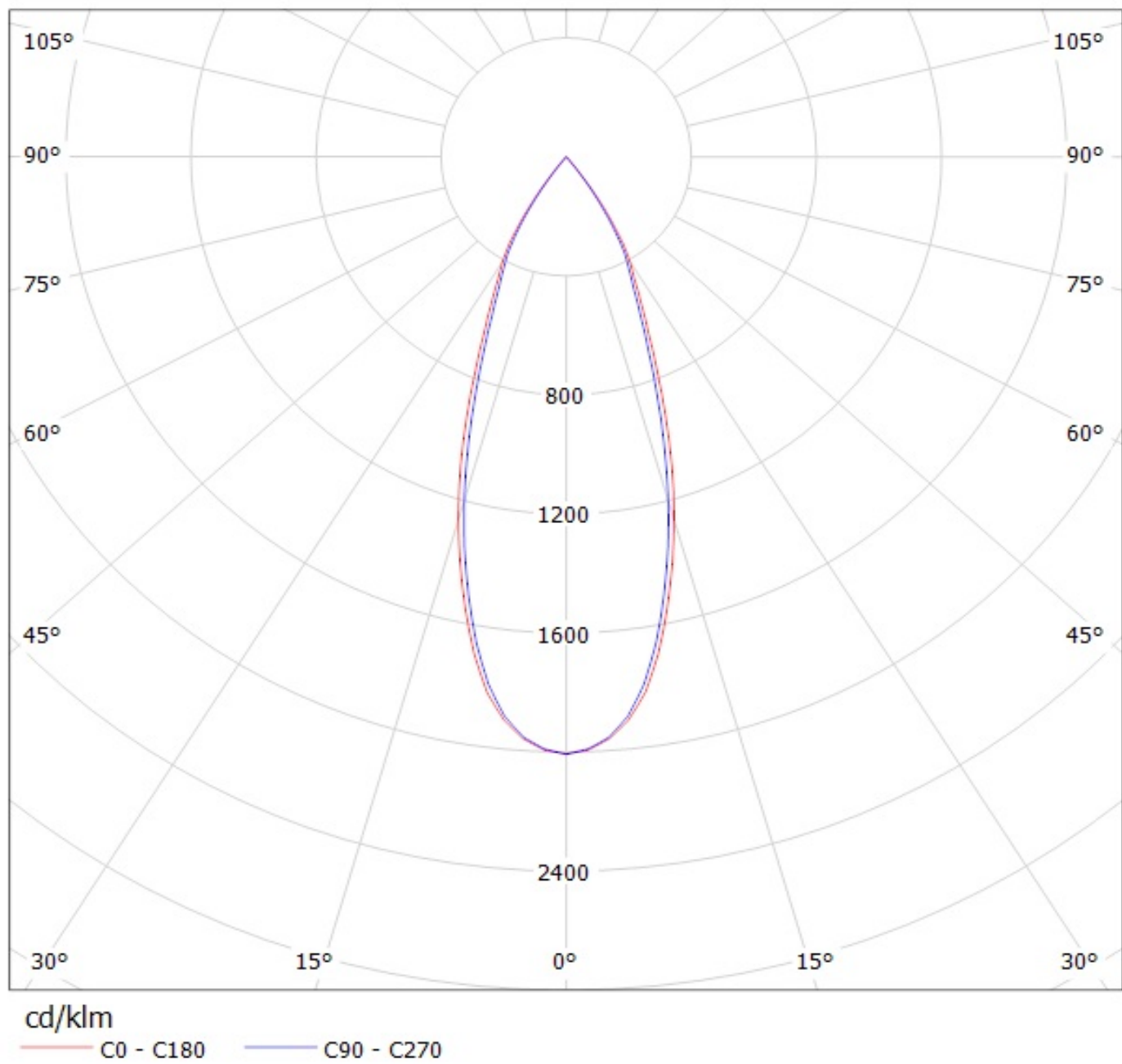
Luminaire: LEDiL Oy C12955_BARBARA-XW_(BXRA-ES) Eff.92.8%
Lamps: 1 x BXRA-N0802 (222.114lm@250mA)



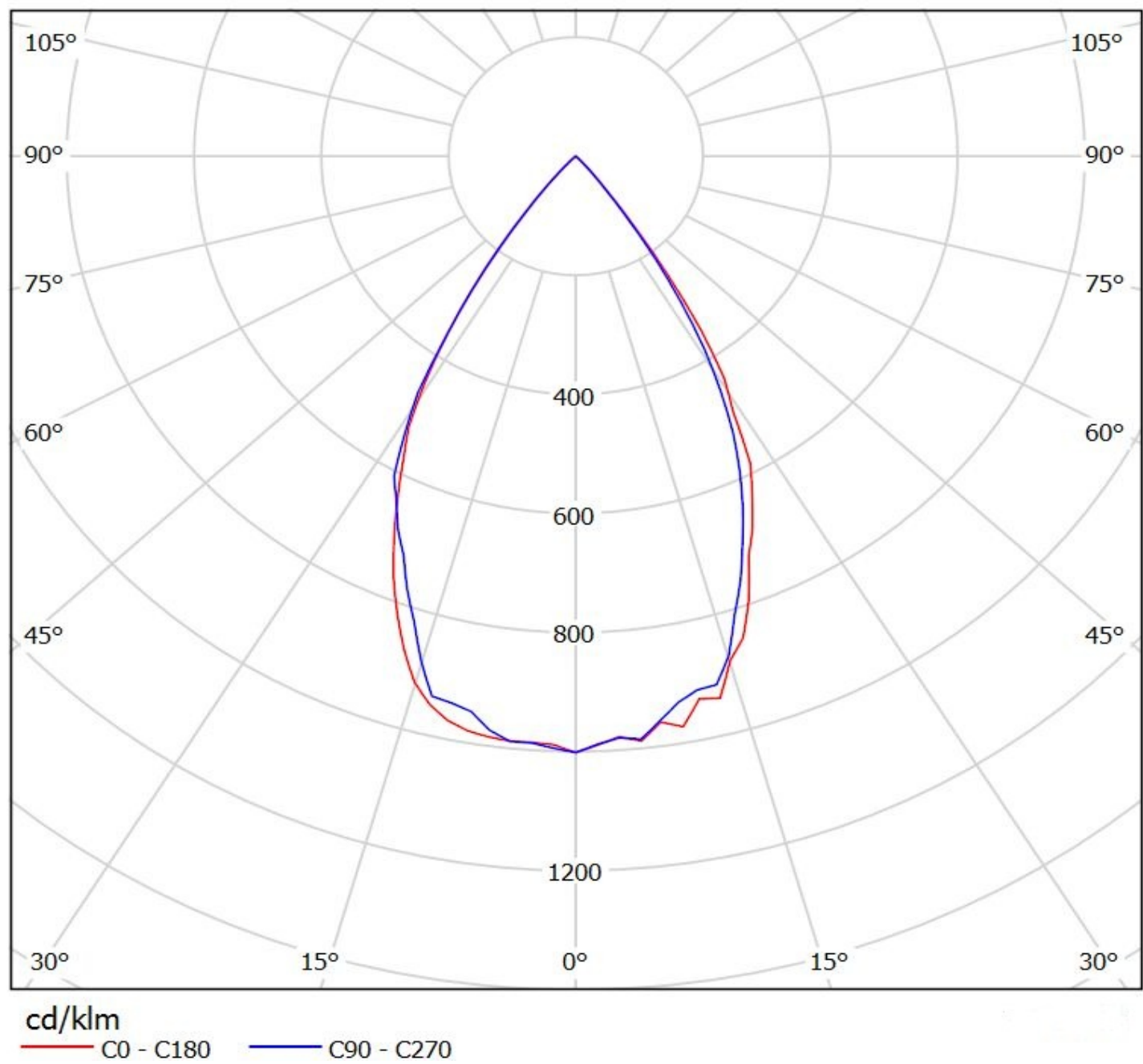
Luminaire: Ledil Oy C11552_Barbara-S C11552_Barbara-S
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