

DETAILS

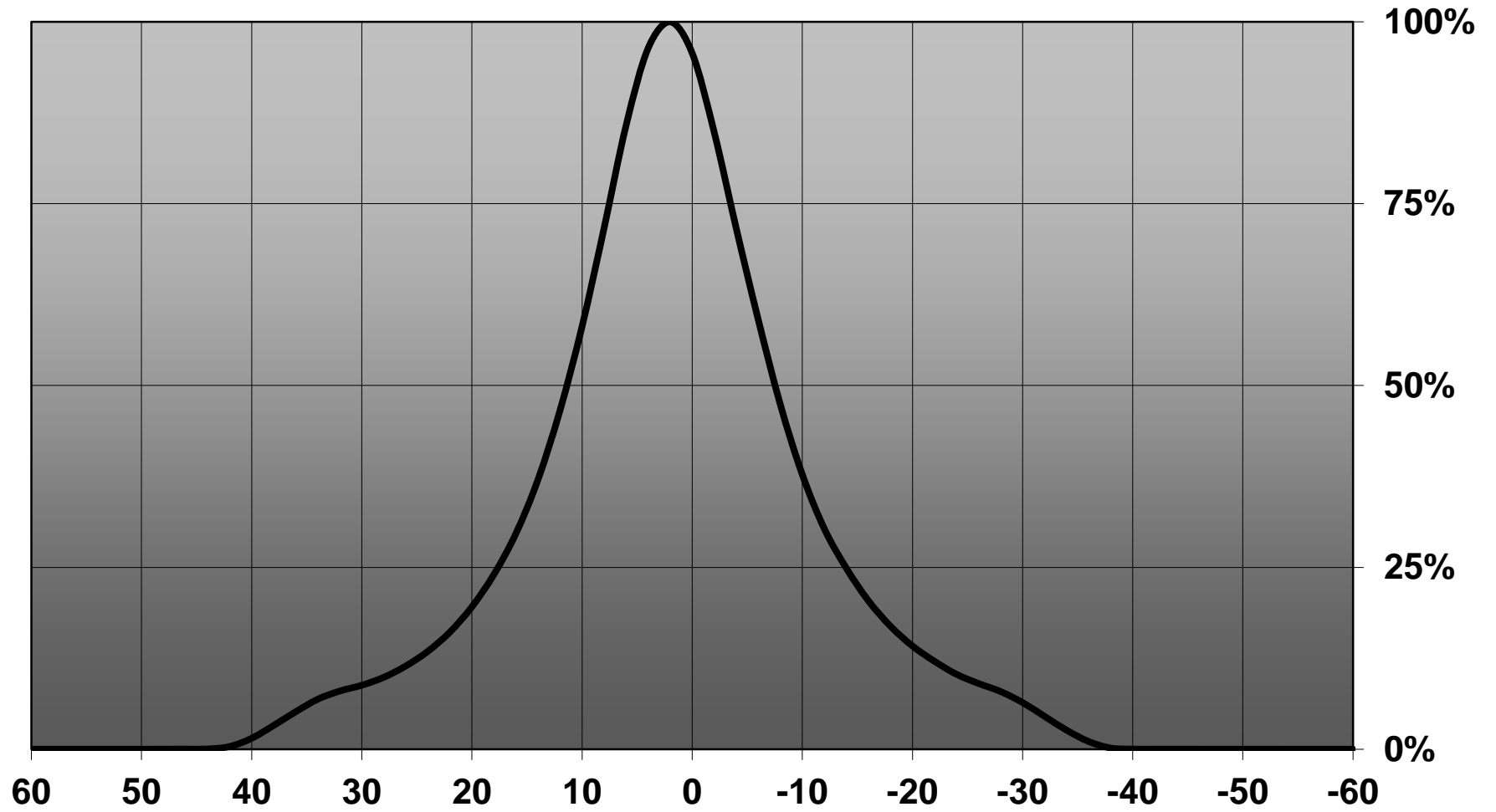
Product Number	C11552_BARBARA-S
Family	Barbara
Type	Reflector
Color	metal
Diameter	70 mm
Height	44,7 mm
Style	round
Optic Material	PC
Holder Material	
Fastening	glue
Status	production ready
ROHS Compliant	Yes
Date Updated	17/05/2016



OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
BXRA ES Rectangle	17 deg	Spot	90 %	5.060	-
CL-L330	17 deg	Spot	90 %	5.000	-
CLU730/731	sim: 14	Spot	sim: 91 %	sim: 6.140	-
CXA2011	17 deg	Spot	90 %	4.540	-
COB 10W/13W/17W/24W	19 deg	Spot	90 %	4.100	-
NSBxL110	16 deg	Spot	90 %	sim: 2.800	-

Relative intensity of C11552_BARBARA-S (COB-10W)

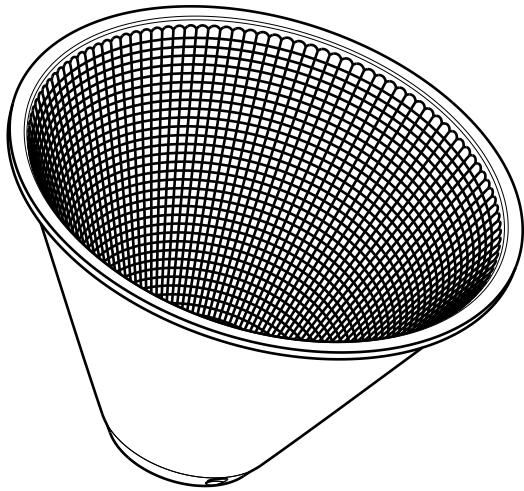


D

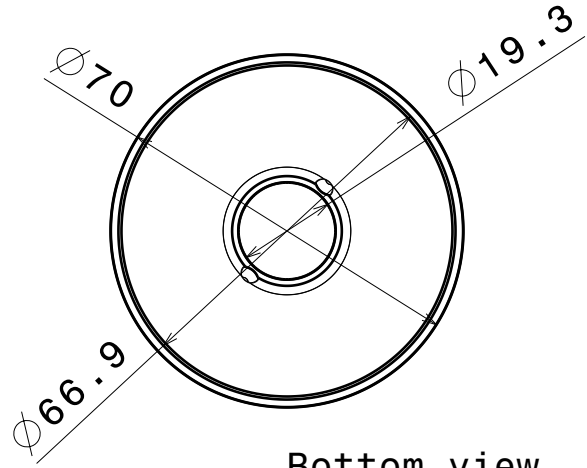
C

B

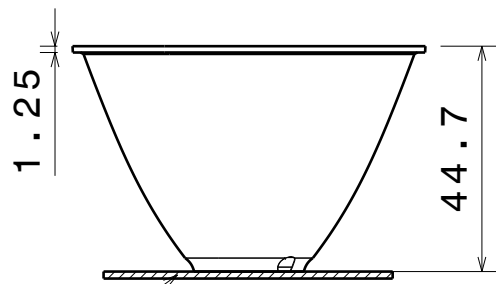
A



Isometric view

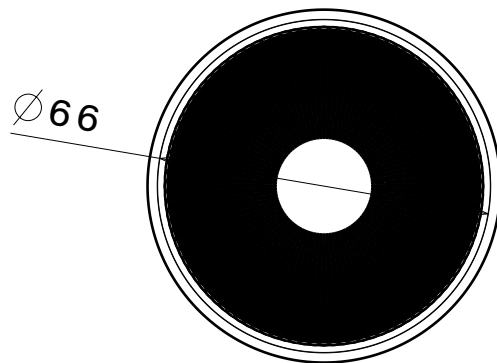


Bottom view



LED PCB

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

SIZE
A4

DRAWING NUMBER

REV
2

DESIGNED BY
ol

DATE
23.06.2010

SCALE

2:3

WEIGHT (g)

SHEET

1/1

D

A

4

4

3

3

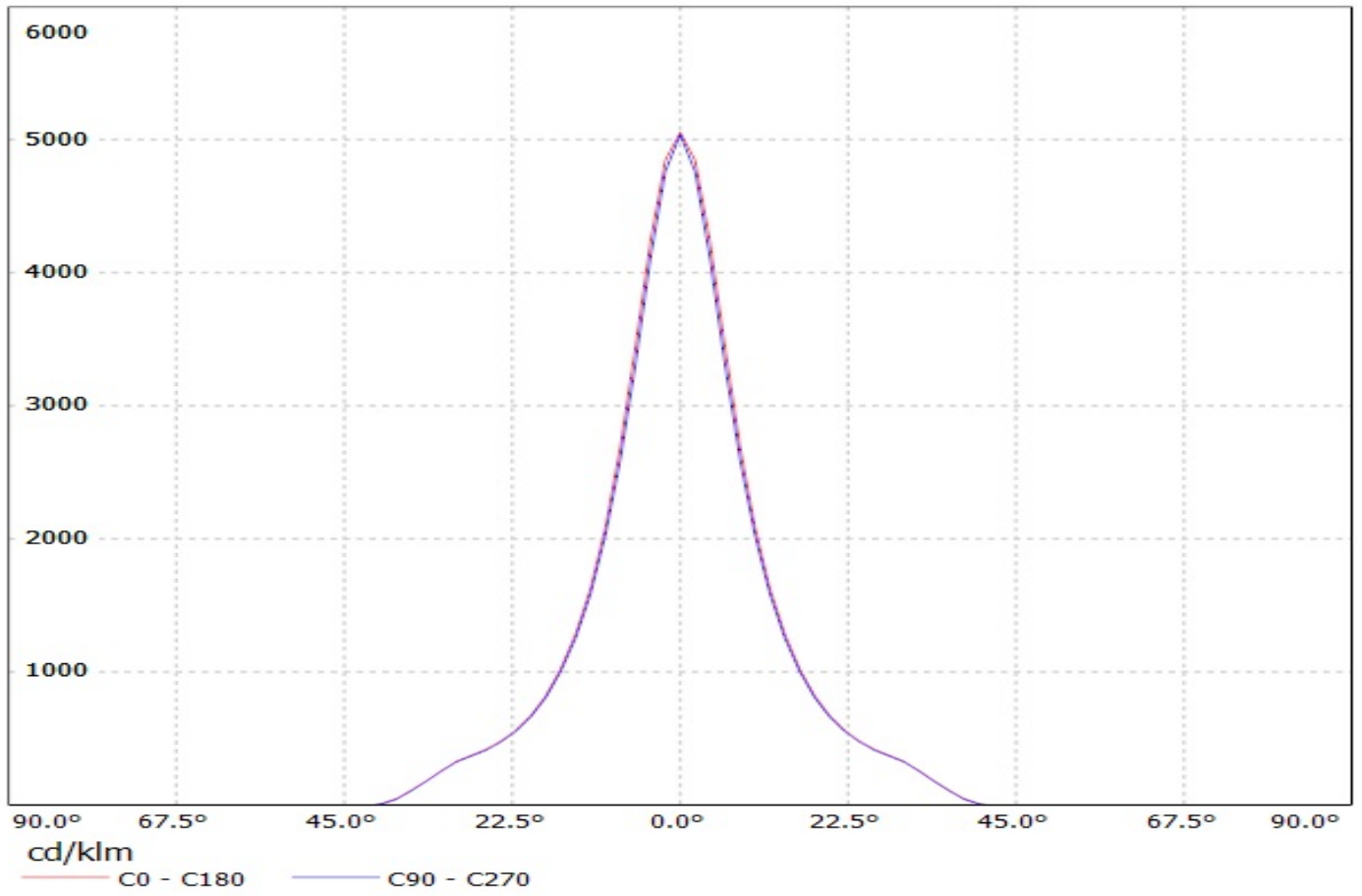
2

2

1

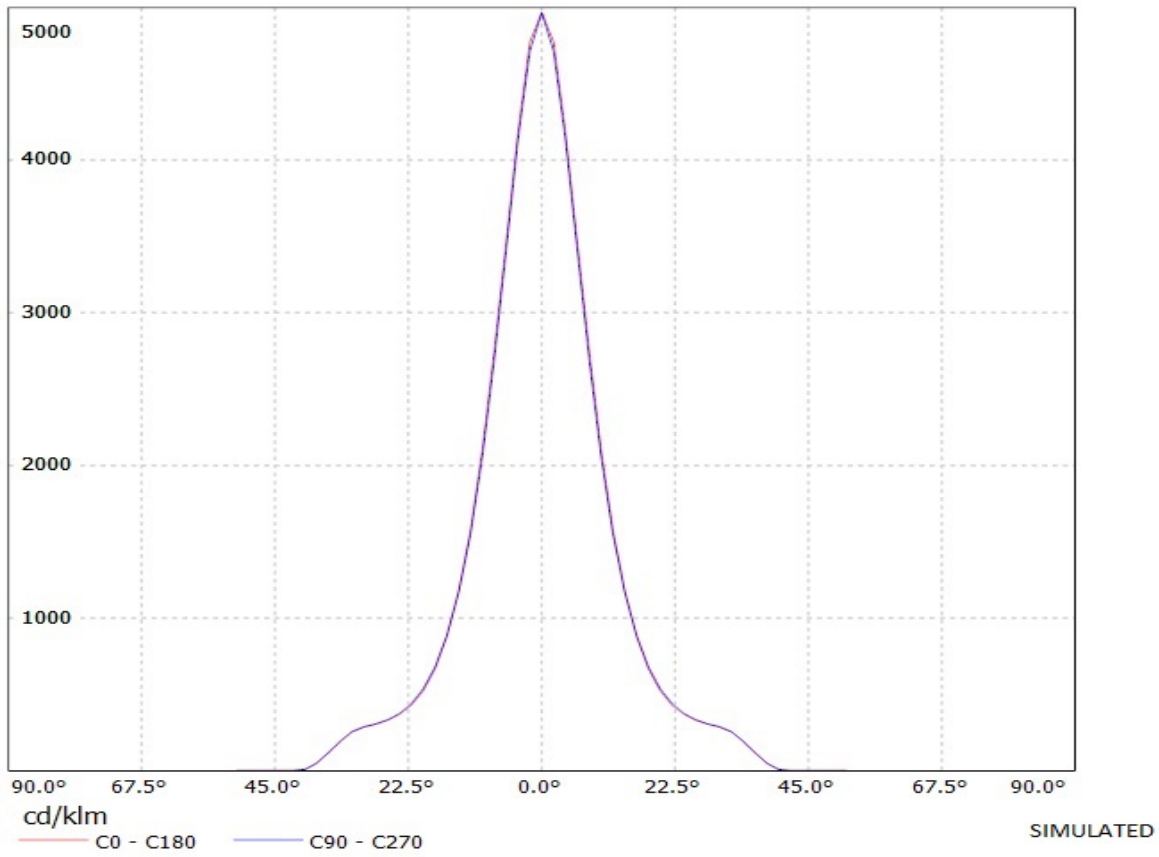
1

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

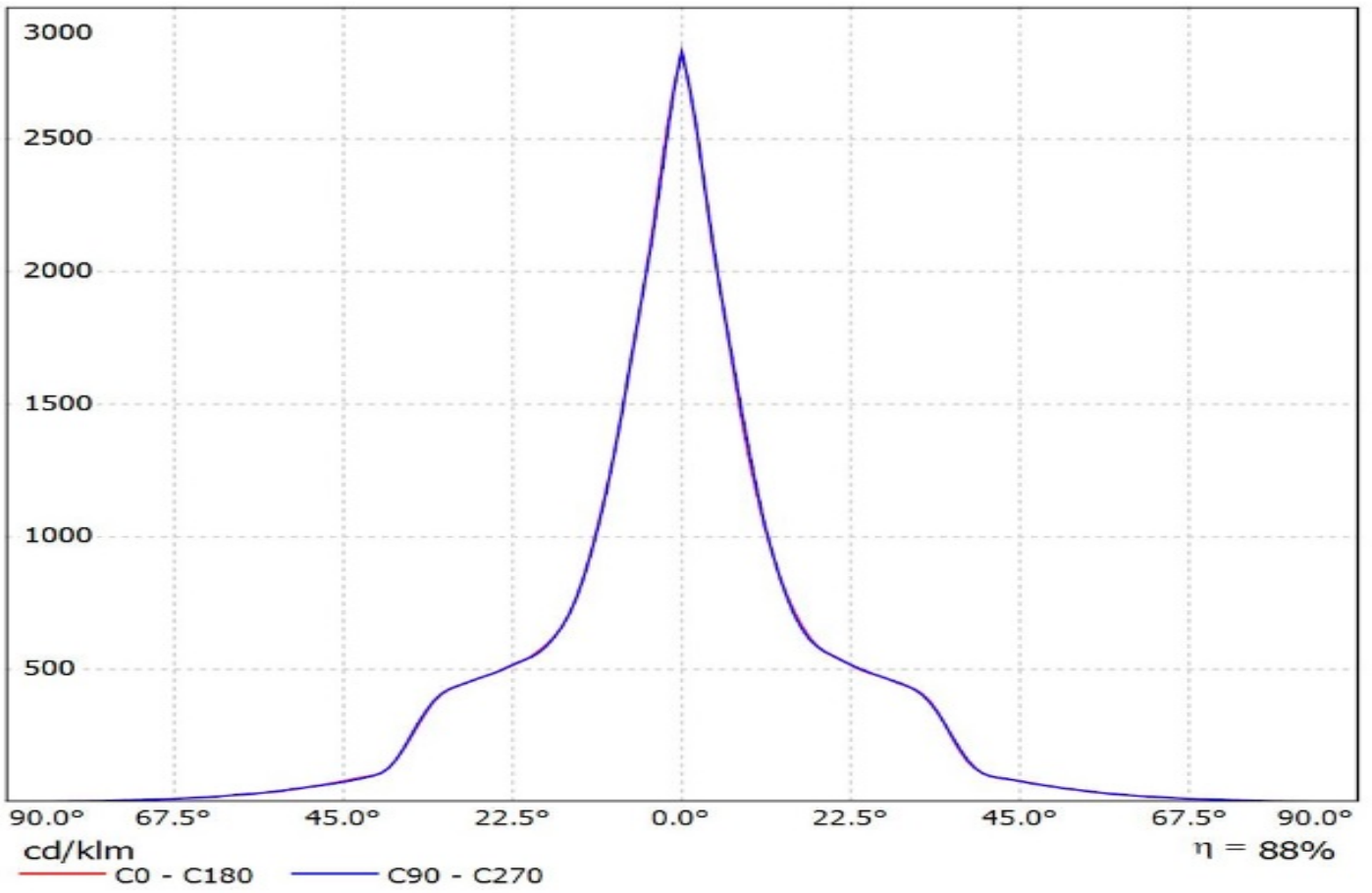


Ledil Oy C11552_Barbara-S_CL-L330 C11552_Barbara-S_CL-L330 / LDC (Linear)

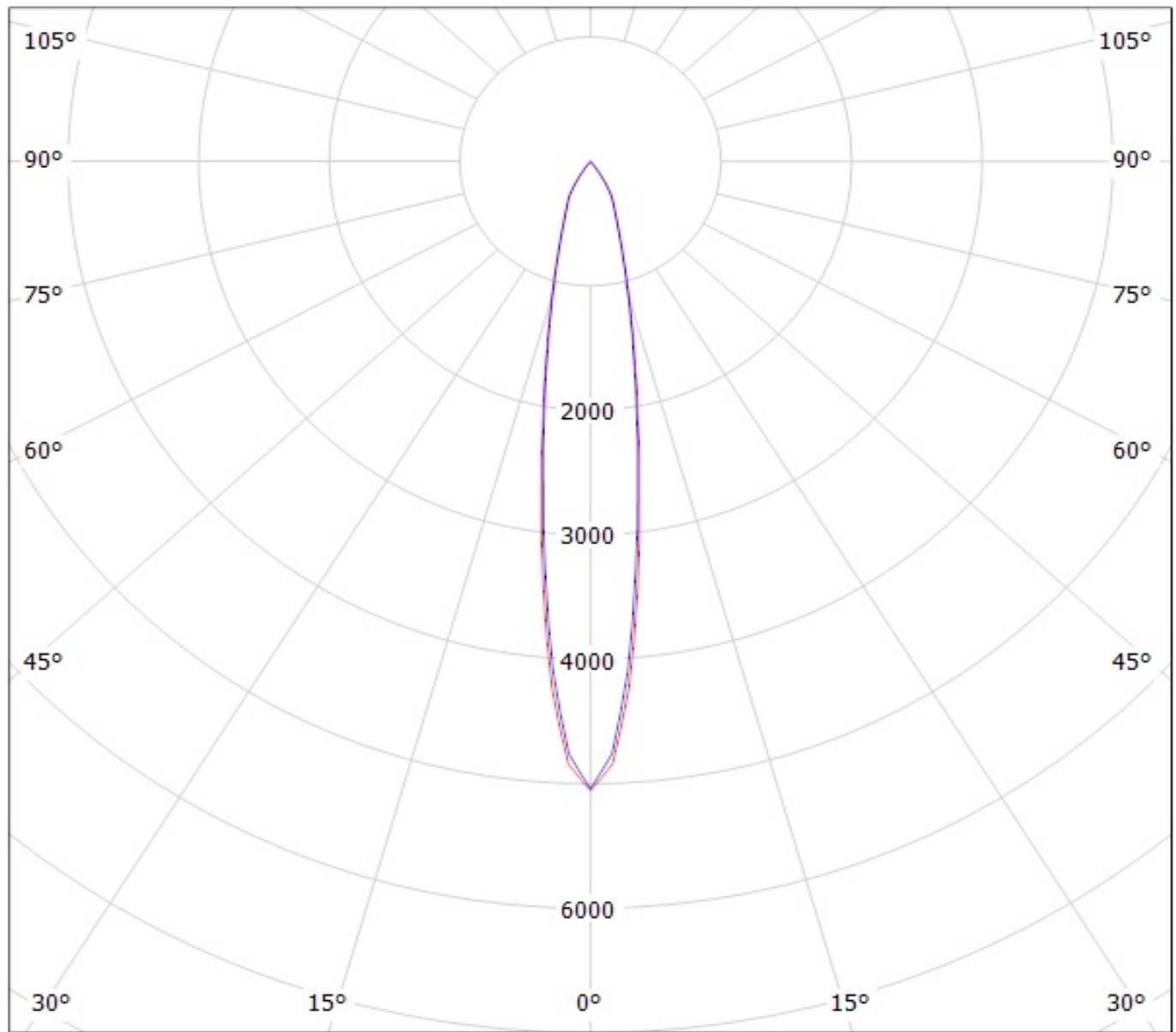
Luminaire: Ledil Oy C11552_Barbara-S_CL-L330 C11552_Barbara-S_CL-L330
Lamps: 1 x Citizen CL-L330 white



Luminaire: Ledil Oy C11552_BARBARA-S_(NSBxL110)_SIMULATED
Lamps: 1 x Nichia NSBxL110 (NSBLL110)



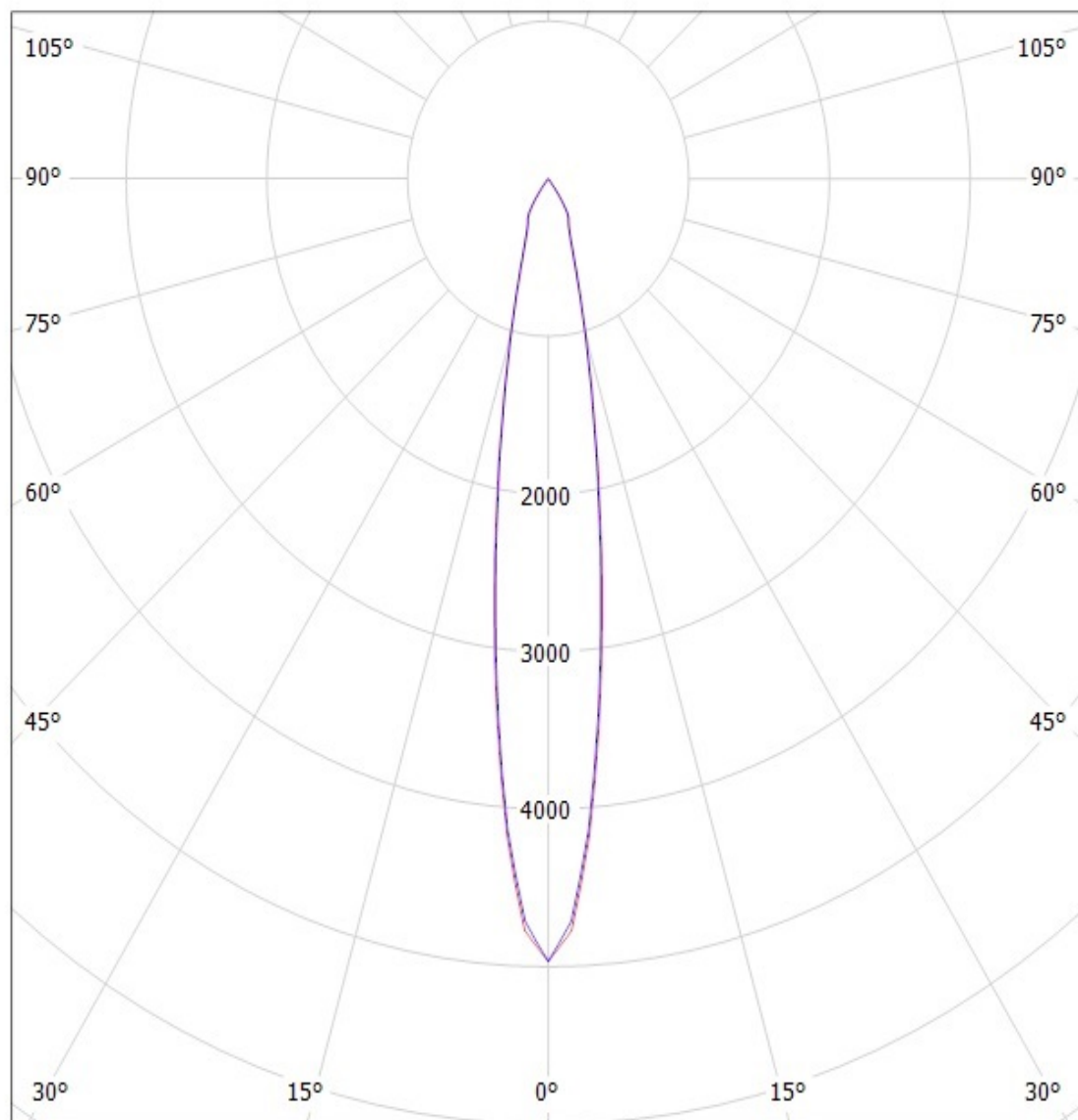
Luminaire: Ledil Oy C11552_Barbara-S C11552_Barbara-S
Lamps: 1 x Bridgelux BXRA-C2002 (Wh



Ledil Oy C11552_Barbara-S_CL-L330 C11552_Barbara-S_CL-L330 / LDC (Polar)

Luminaire: Ledil Oy C11552_Barbara-S_CL-L330 C11552_Barbara-S_CL-L330

Lamps: 1 x Citizen CL-L330 white



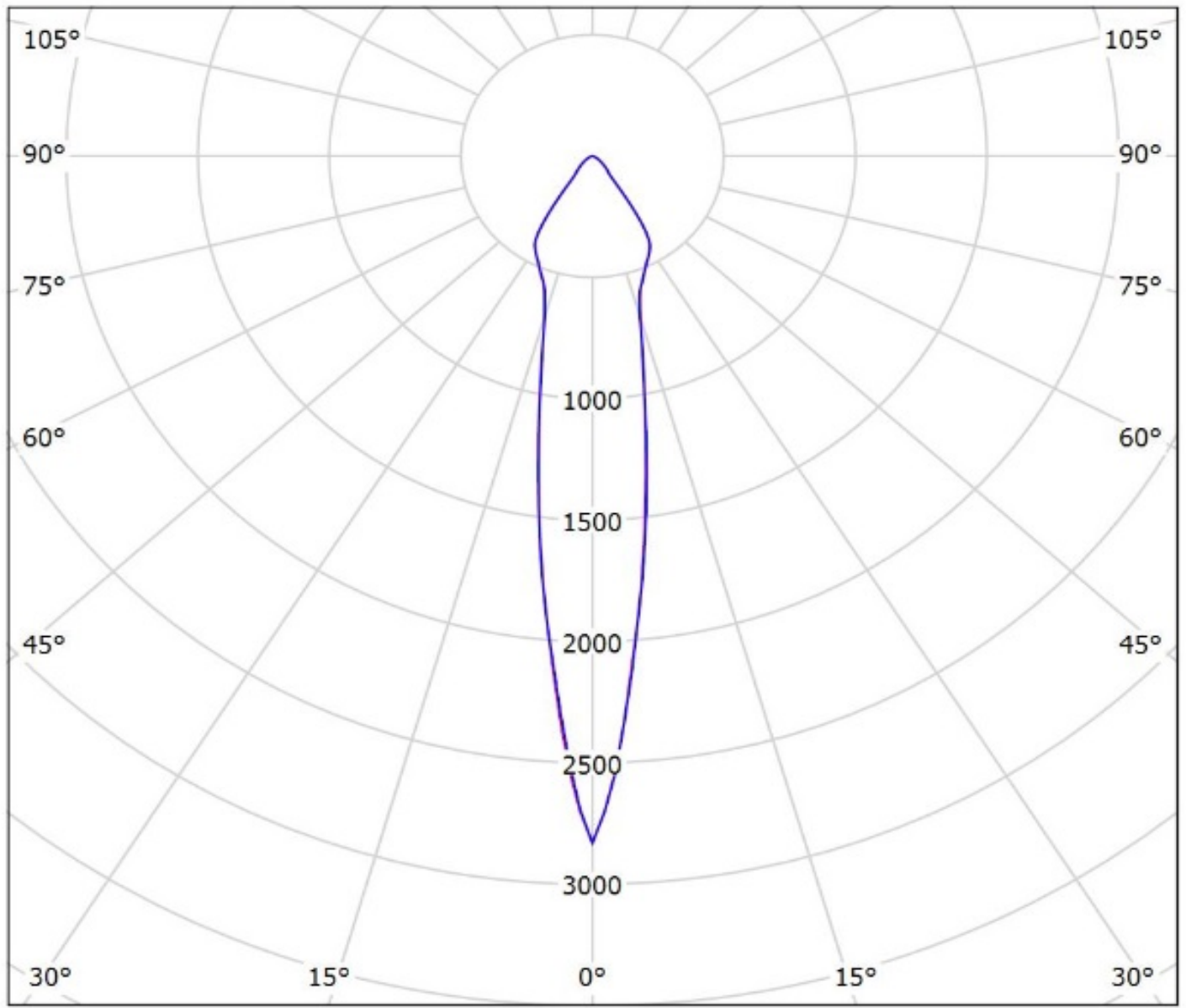
cd/klm

— C0 - C180

— C90 - C270

SIMULATED

Luminaire: Ledil Oy C11552_BARBARA-S_(NSBxL110)_SIMULATED
Lamps: 1 x Nichia NSBxL110 (NSBLL110)



cd/klm

— C0 - C180 — C90 - C270

$\eta = 88\%$

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.

GENERAL INFORMATION

- Product series especially designed & optimized for series of LEDs.
- Special care taken to make light distribution as uniform as possible.

Note! Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.