

DETAILS

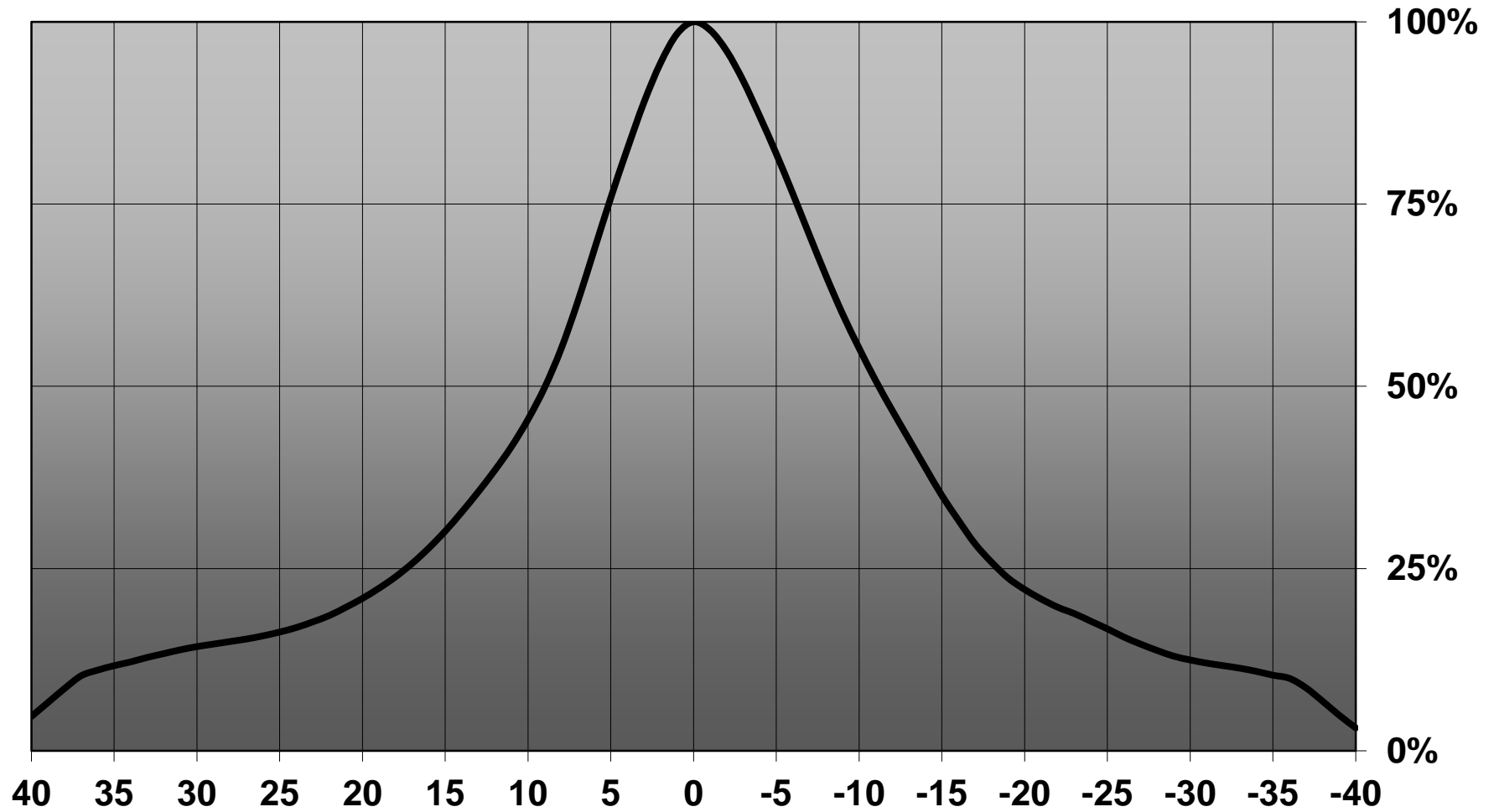
Product Number	C13556_BRIDGET-M-UNI
Family	Bridget
Type	Reflector
Color	metal
Diameter	22.6 mm
Height	12.8 mm
Style	hexag
Optic Material	PC
Holder Material	
Fastening	glue
Status	ready
ROHS Compliant	Yes
Date Updated	8/05/2015

OPTICAL PROPERTIES

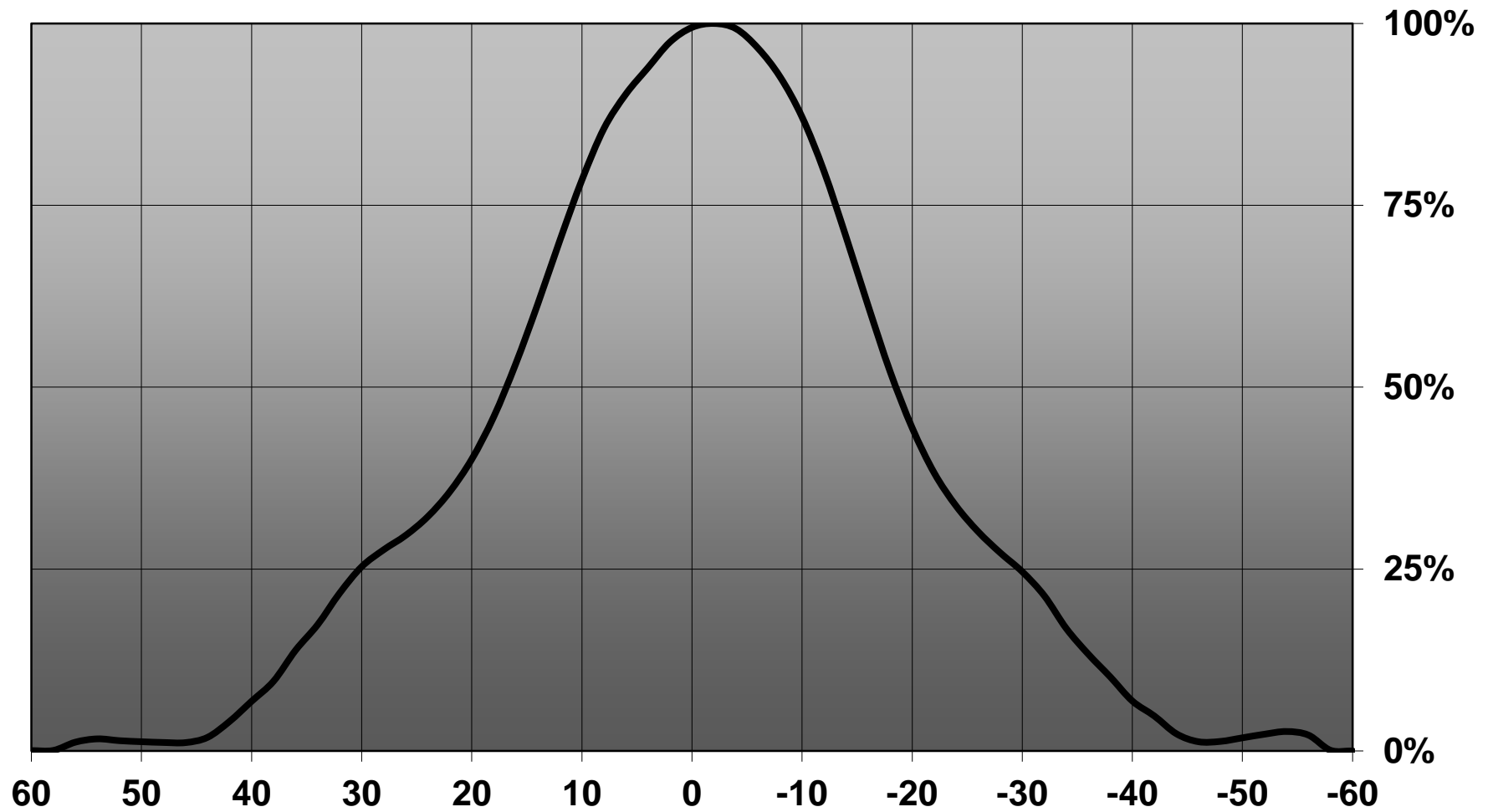
LED	Viewing	Light	Effi-	cd/lm	Connector
	Angle	Beam	ciency		
XP-L HI	20 deg	Medium	86 %	3.000	-
CLU700	34 deg	Medium	85 %	1.700	-
Soleroiq P6	35 deg	Medium	80 %	1.660	-
CXA/B 15xx	47 deg	Medium	84 %	1.200	-
BXRA ES Star	48 deg	Medium	84 %	1.200	-
Mini Zenigata (GW5BM)	49 deg	Medium	84 %	1.200	-
Soleroiq P9	50 deg	Medium	84 %	1.200	-
CLL02x/CLU024	52 deg	Medium	84 %	1.100	-
CXM-9	53 deg	Medium	85 %	1.020	-



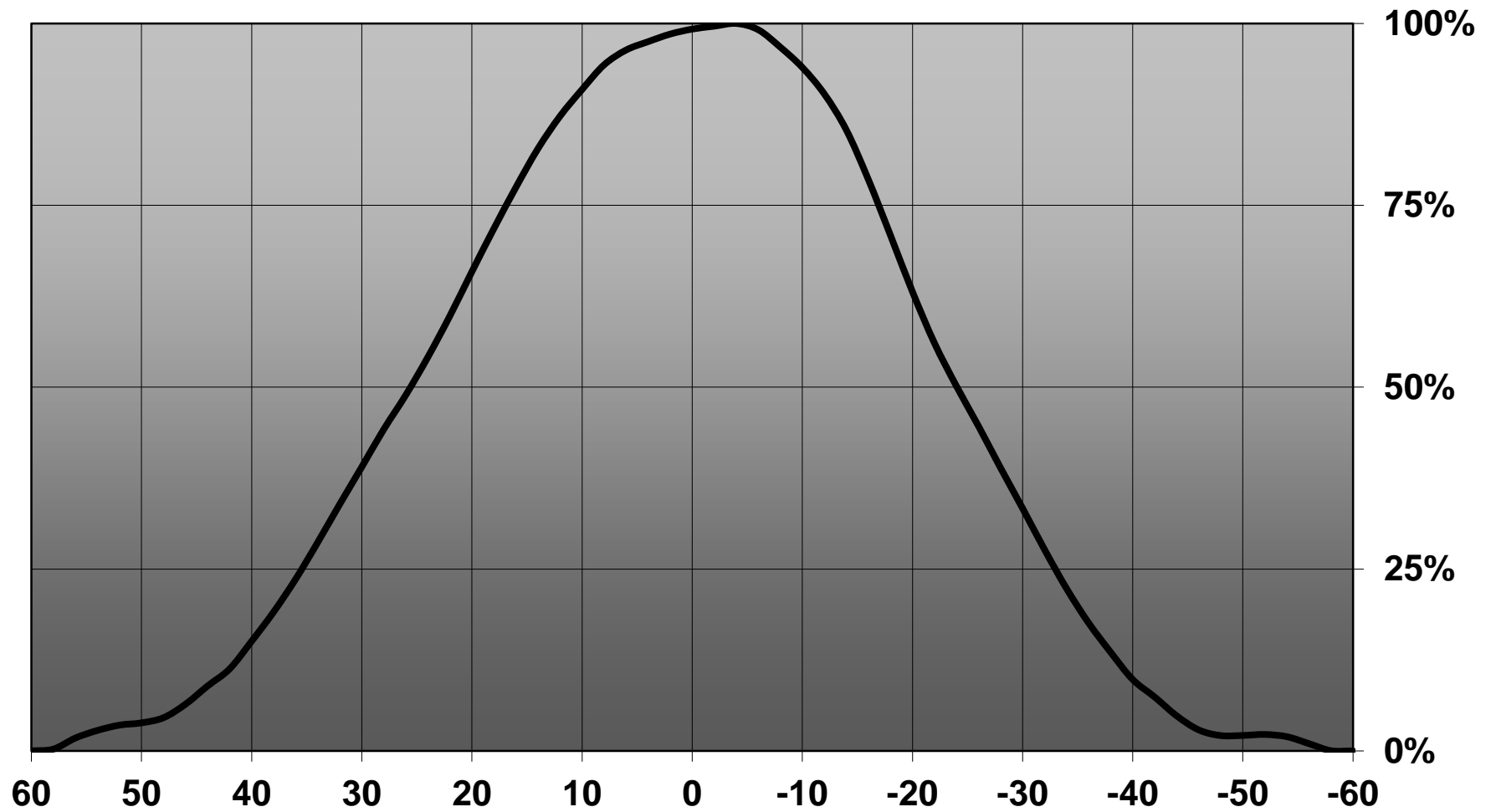
Relative intensity of C13556_BRIDGET-M-UNI_(XP-L_HI)



Relative intensity of C13556_BRIDGET-M-UNI_(Soleriq P6)



Relative intensity of C13556_BRIDGET-M-UNI_(Solariq P9)

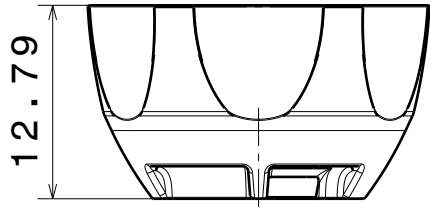


D

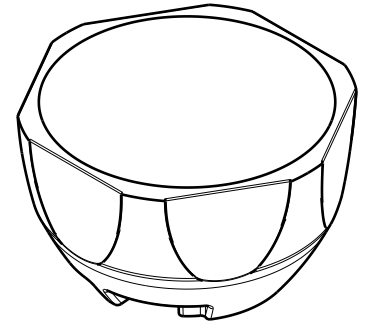
C

B

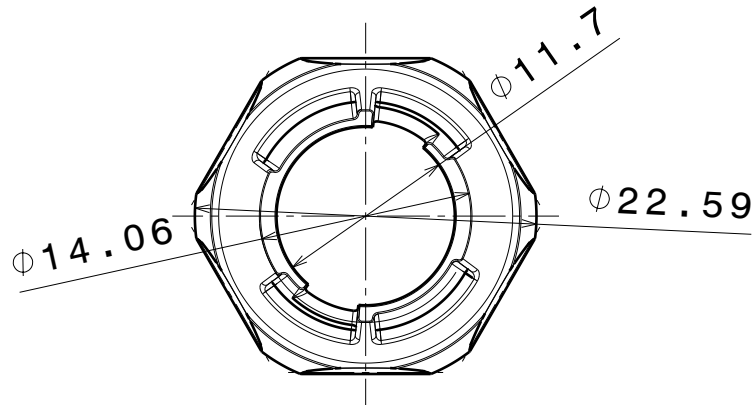
A



Front view



Isometric view



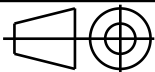
Bottom view

Tolerances if not otherwise shown
 According to DIN ISO 2768-1
 Linear measures:
 Up to 30mm class M, otherwise 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

BRIDGET_UNI_Datasheet

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 of LEDiL Oy. It may not be
 reproduced, copied or
 communicated without a written
 agreement with LEDiL Oy."

SIZE	PART NUMBER
A4	-

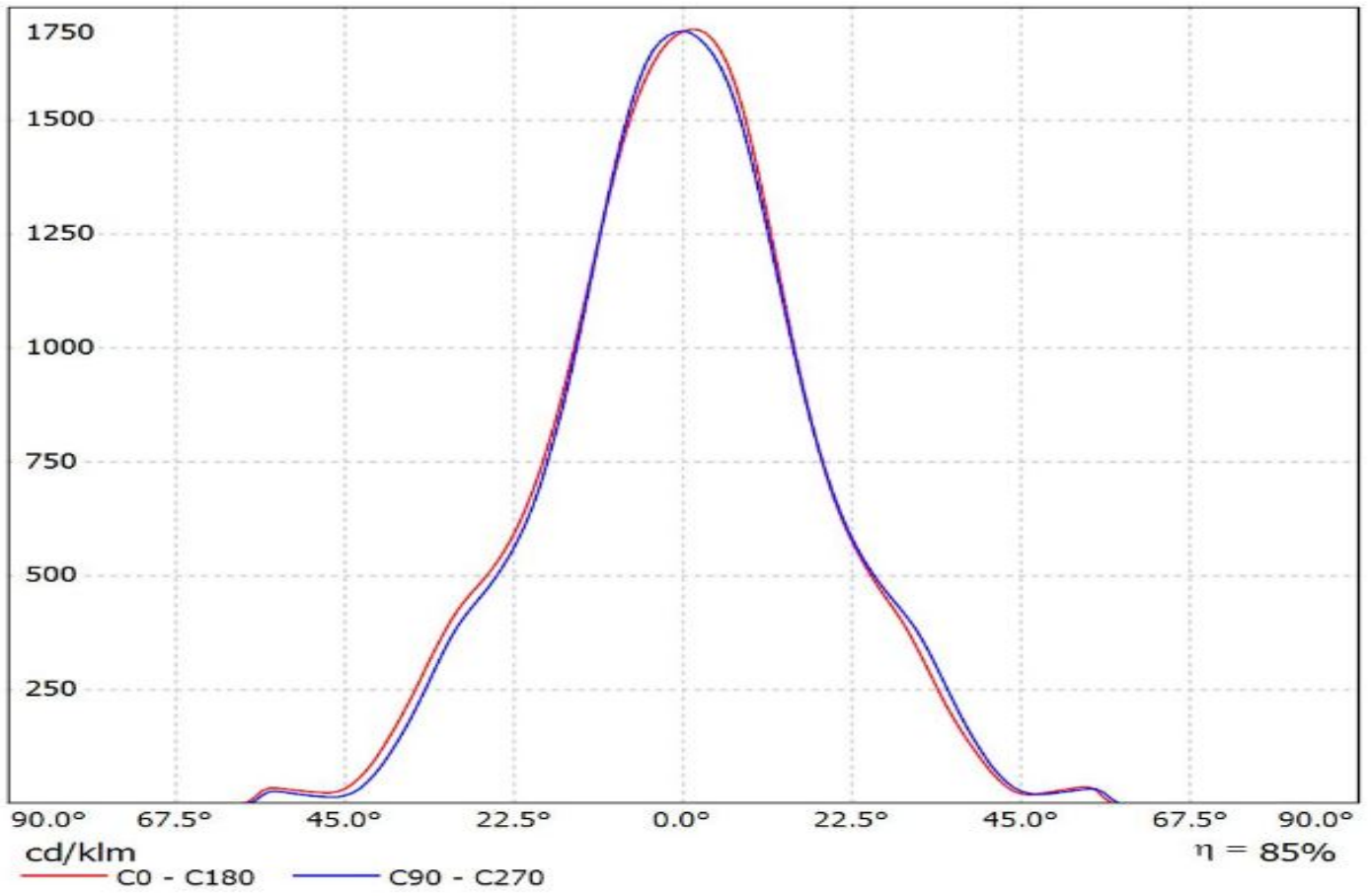
SCALE	2:1	WEIGHT	-
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SHEET	1/1
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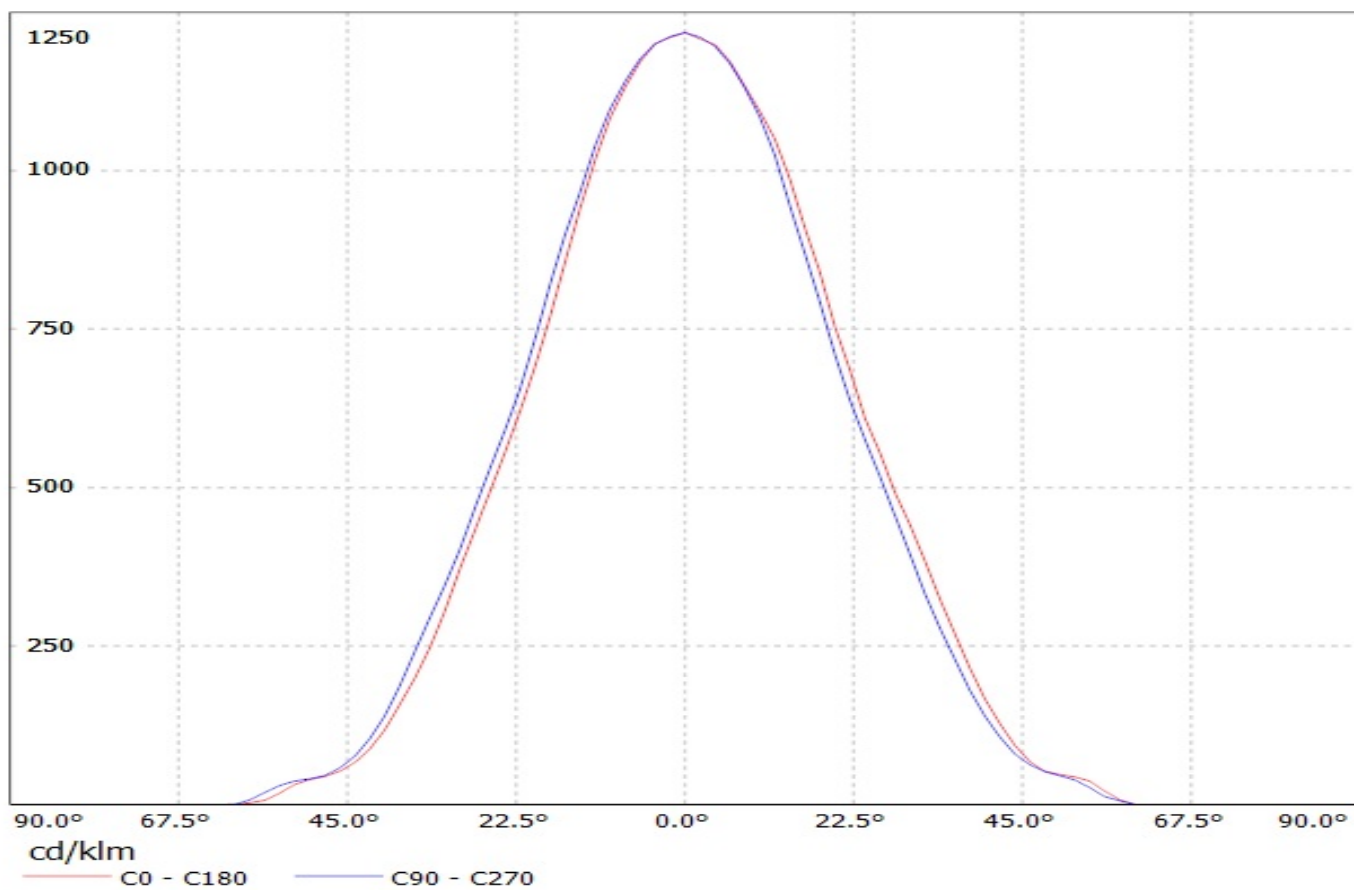
D

A

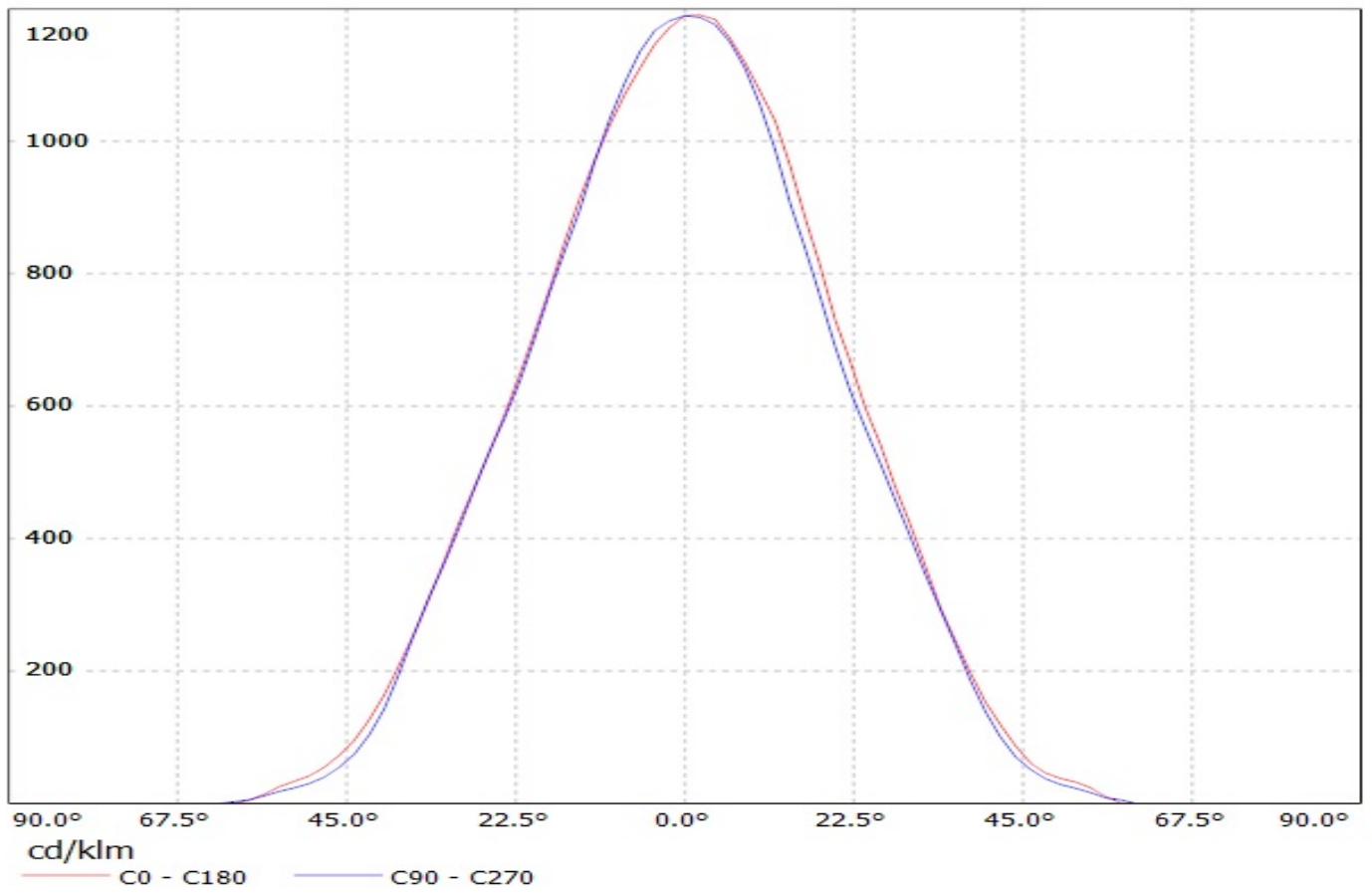
Luminaire: Ledil C13556_BRIDGET-M-UNI_(CLU700)
Lamps: 1 x Citizen_CLU700_394.637lm@100mA_P=2.8W_I=0.10A



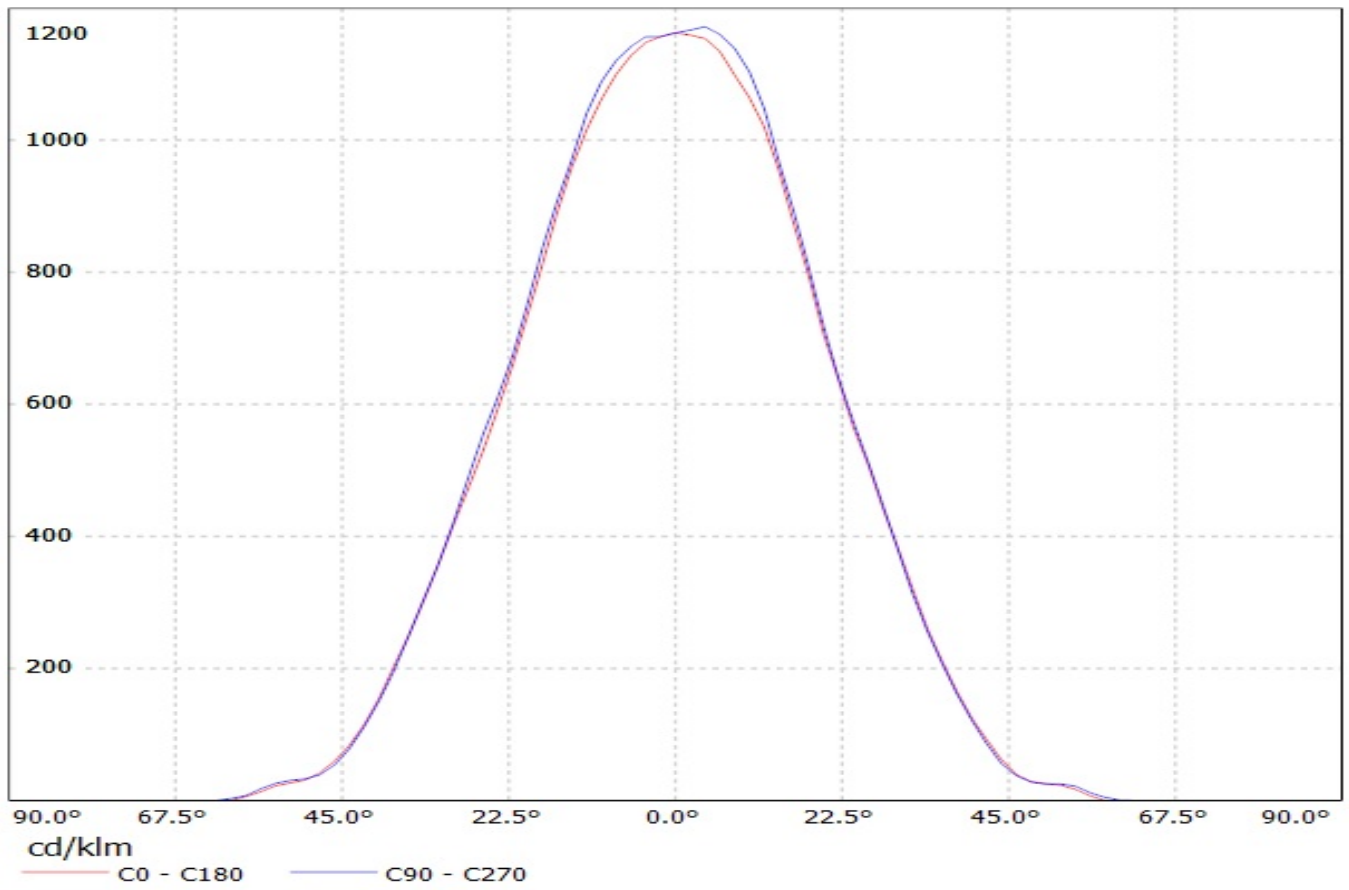
Luminaire: LEDil Oy C13556_BRIDGET-M-UNI_(CXA15) Efficiency=84%
Lamps: 1 x Cree CXA15 (CXA1507-30F-F2-N0A-00000) 218lm @ 50mA CCT=3100K P=1.7W I=50mA



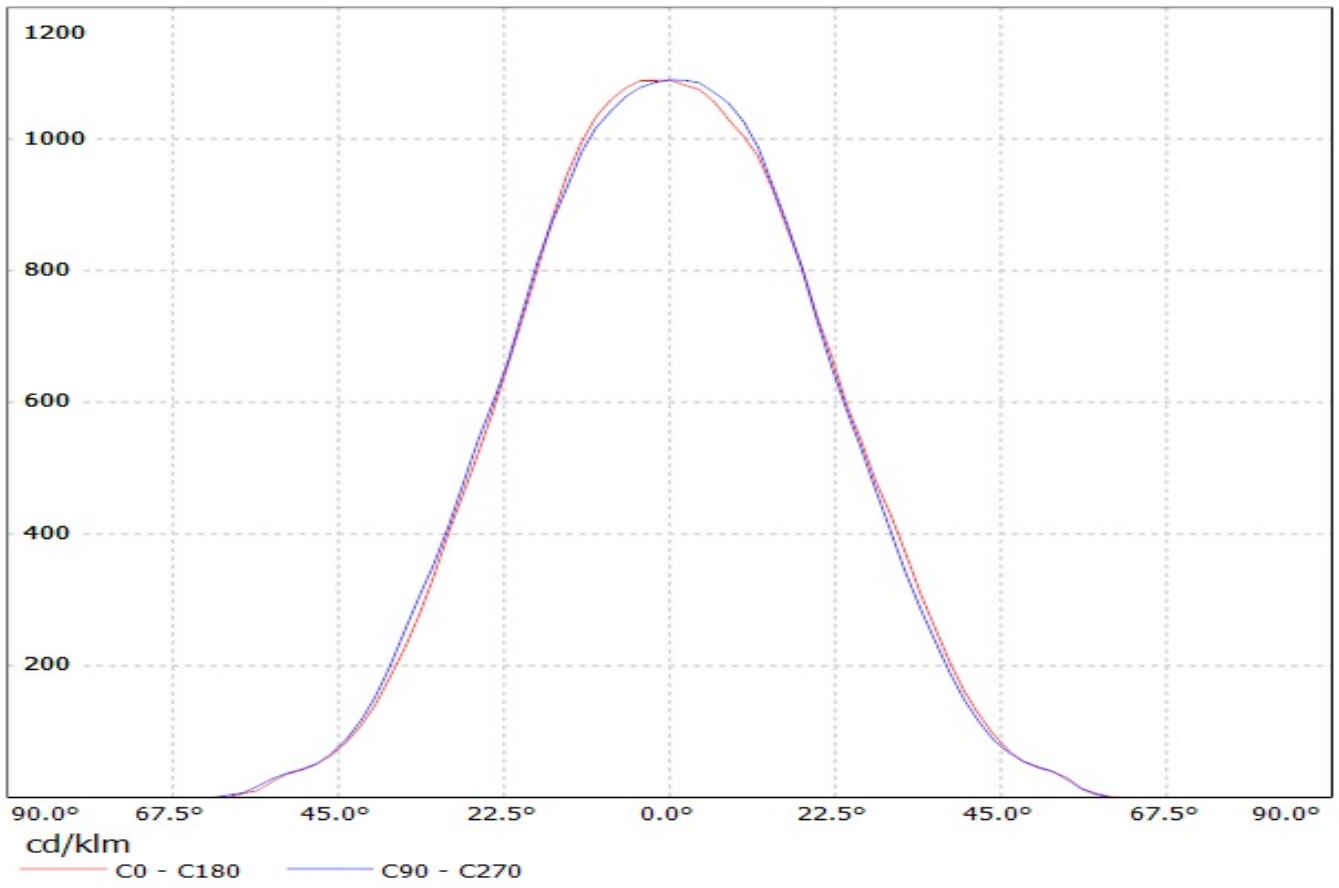
Luminaire: LEDil Oy C13556_BRIDGET-M-UNI_(BXRA_ES_STAR) Efficiency=84%
Lamps: 1 x Bridgelux BXRA ES Star (C0402) 203lm @ 250mA CCT=7300K P=2.2W I=250mA



Luminaire: LEDil Oy C13556_BRIDGET-M-UNI_(Mini_Zenigata_GW5BJT) Efficiency=84%
Lamps: 1 x Sharp Mini Zenigata (GW5BTJ) 378lm @ 250mA CCT=4100K P=4.5W I=250mA

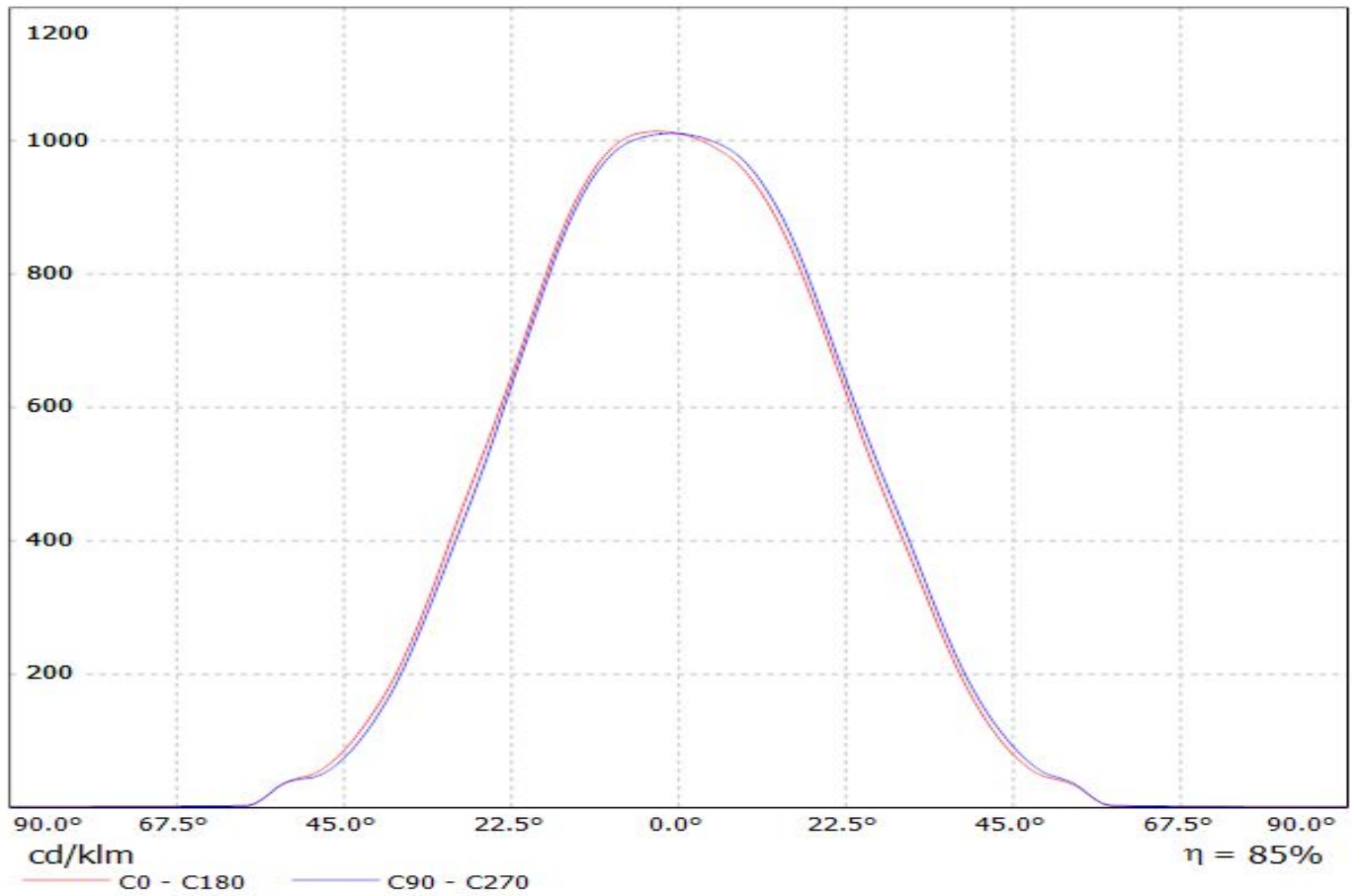


Luminaire: LEDil Oy C13556_BRIDGET-M-UNI_(CLL020) Efficiency=84%
Lamps: 1 x Citizen CLL020 (CLL020.1202A5-303H1A7) 515lm @ 250mA CCT=3000K P=9.3W I=250mA

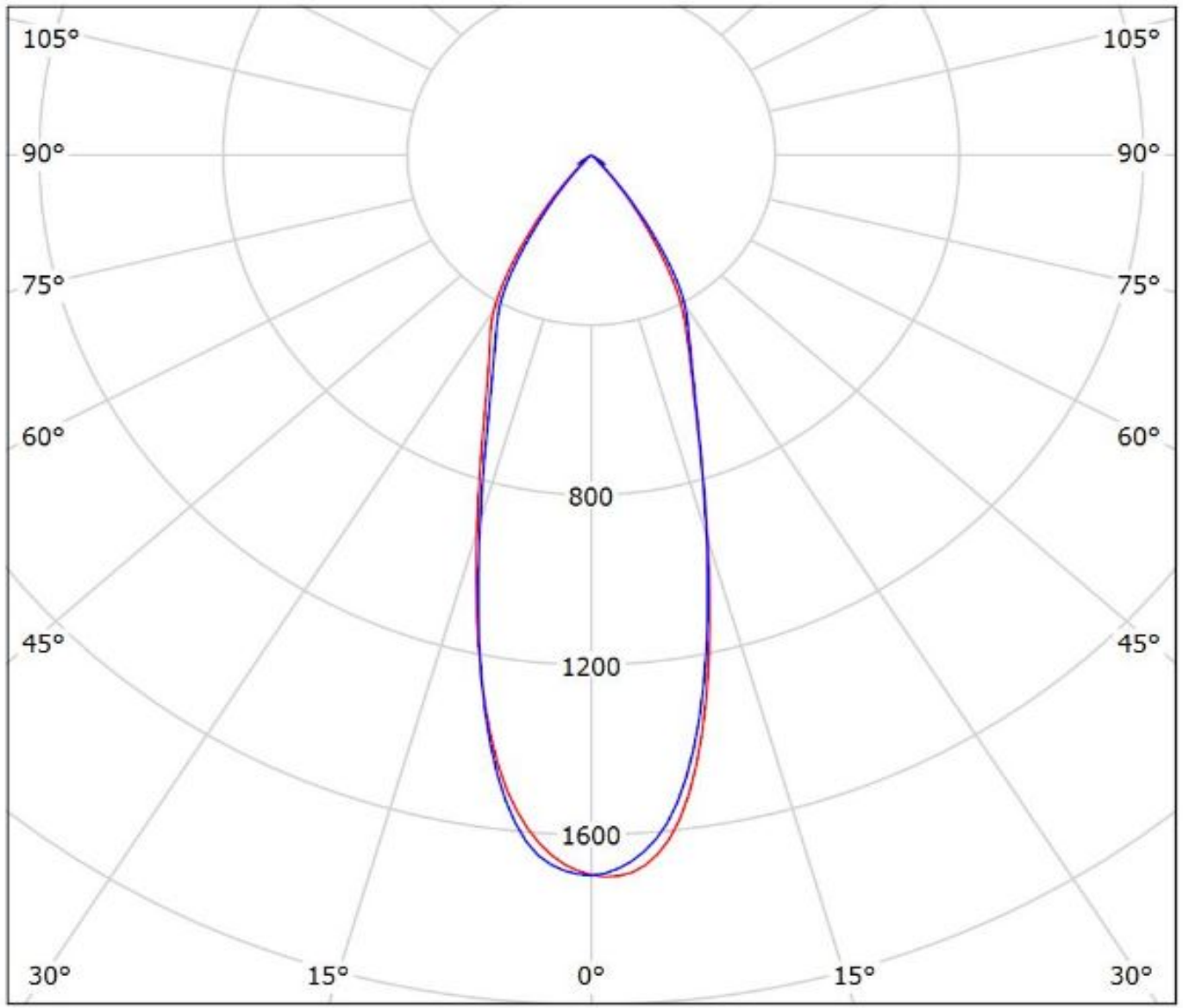


Luminaire: LEDiL Oy C13556_BRIDGET-M-UNI_(CXM-9)

Lamps: 1 x Luminus_XNOVA_CXM-9_(AA00)_977.302lm@240mA_P=8.28264W_I=240mA



Luminaire: Ledil C13556_BRIDGET-M-UNI_(CLU700)
Lamps: 1 x Citizen_CLU700_394.637lm@100mA_P=2.8W_I=0.10A

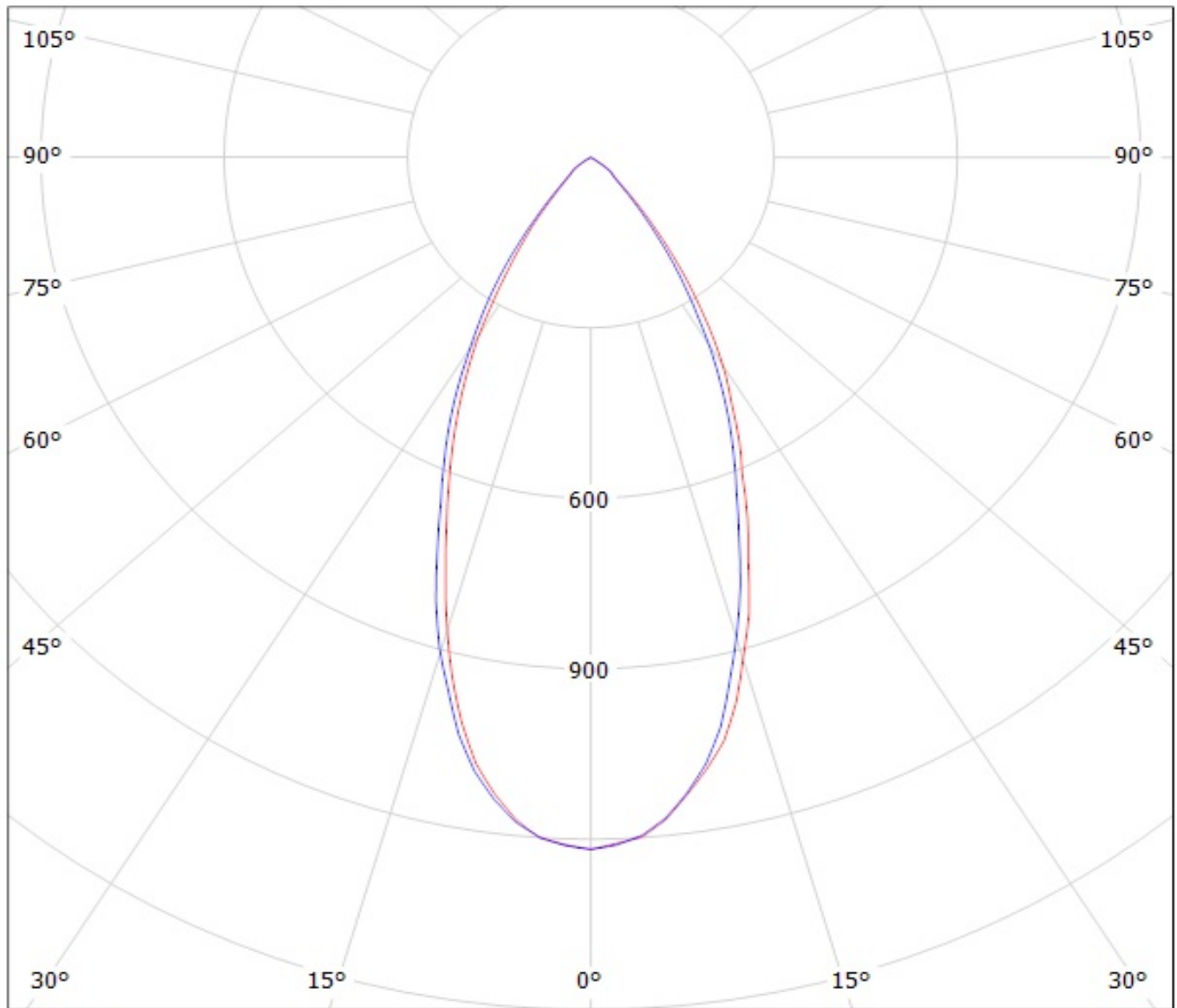


cd/klm
— C0 - C180 — C90 - C270

$\eta = 85\%$

Luminaire: LEDil Oy C13556_BRIDGET-M-UNI_(CXA15) Efficiency=84%

Lamps: 1 x Cree CXA15 (CXA1507-30F-F2-N0A-00000) 218lm @ 50mA CCT=3100K P=1.7W I=50mA

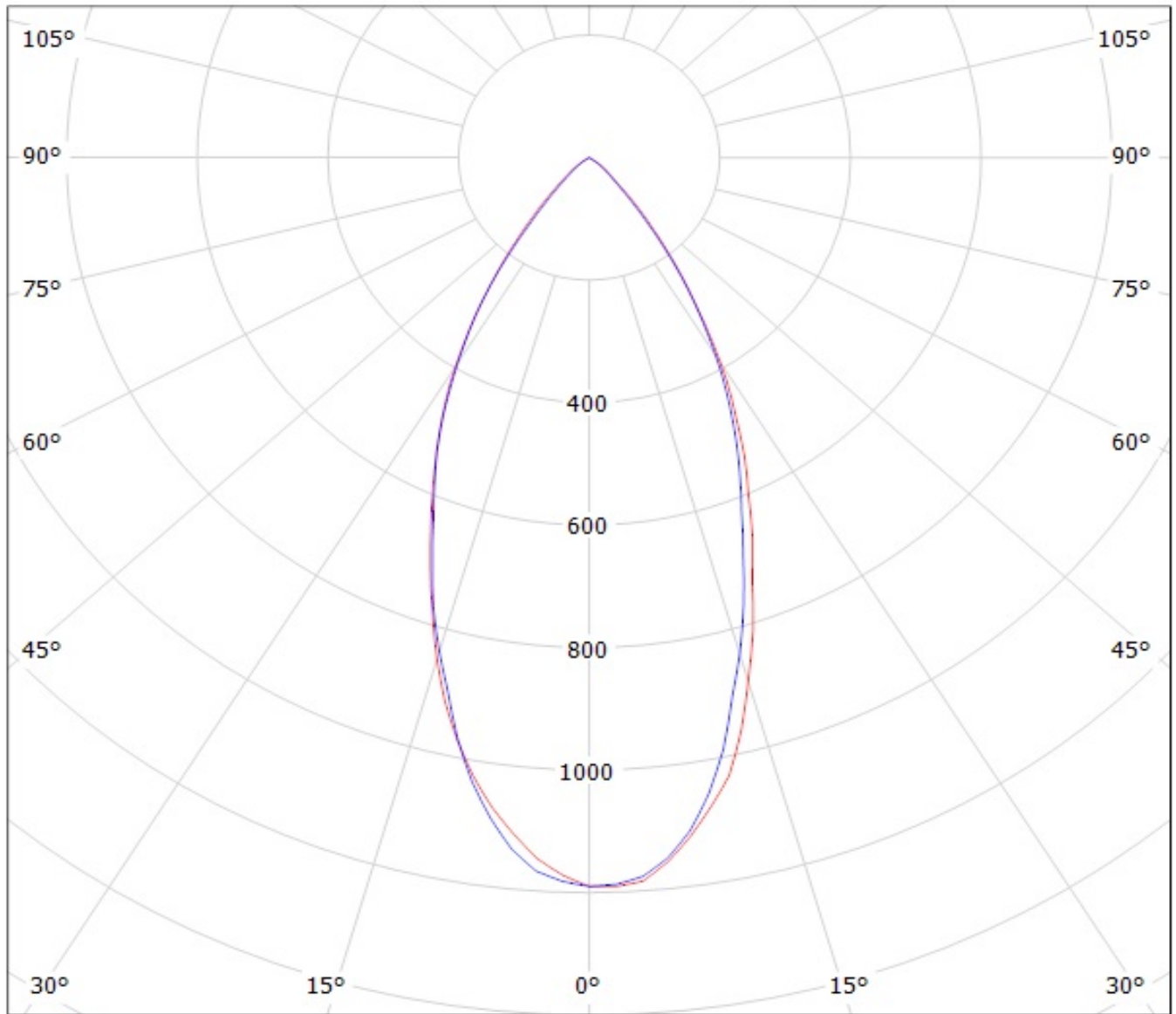


cd/klm

— C0 - C180

— C90 - C270

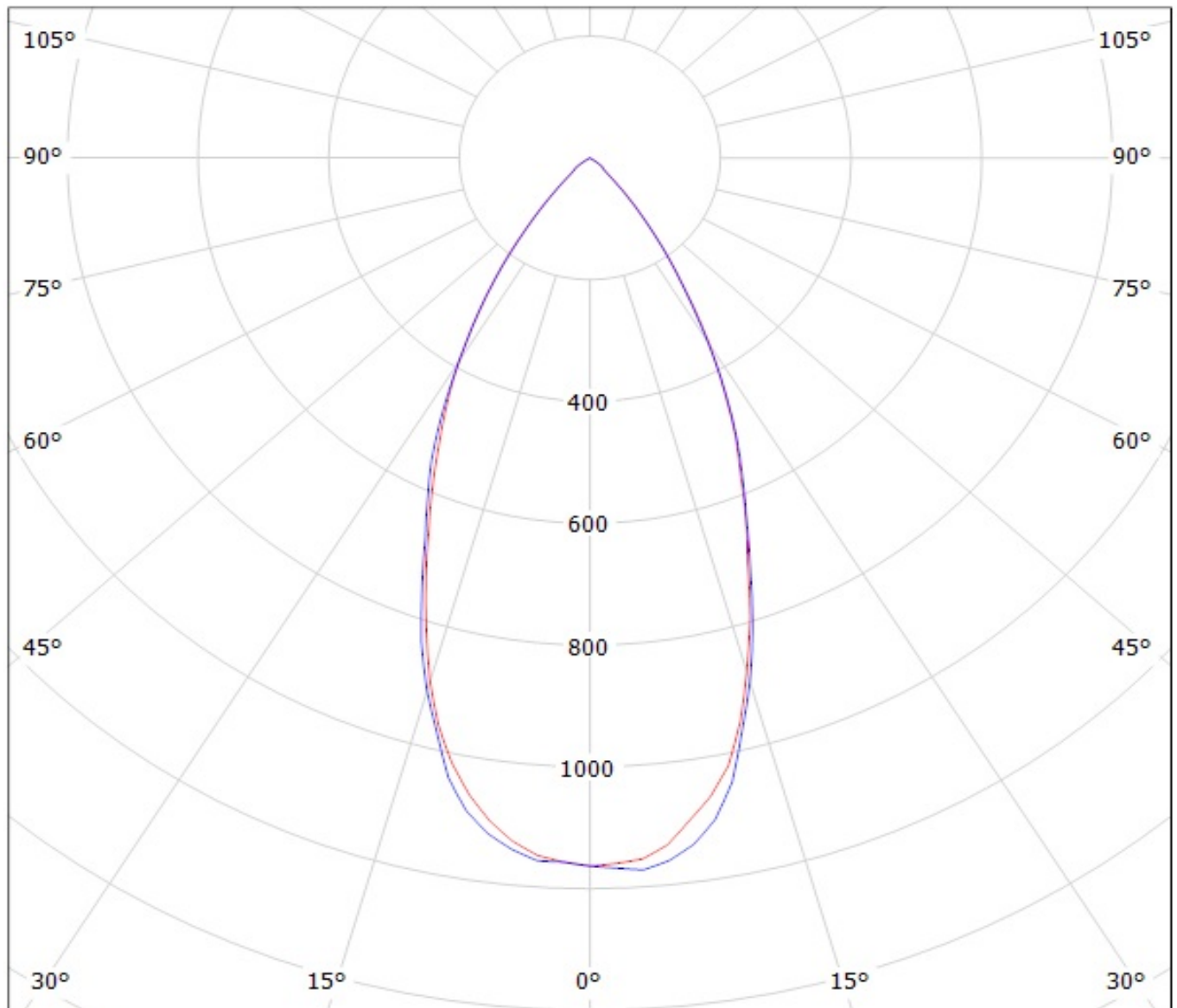
Luminaire: LEDil Oy C13556_BRIDGET-M-UNI_(BXRA_ES_STAR) Efficiency=84%
Lamps: 1 x Bridgelux BXRA ES Star (C0402) 203lm @ 250mA CCT=7300K P=2.2W I=250mA



cd/klm

— C0 - C180 — C90 - C270

Luminaire: LEDil Oy C13556_BRIDGET-M-UNI_(Mini_Zenigata_GW5BJT) Efficiency=84%
Lamps: 1 x Sharp Mini Zenigata (GW5BTJ) 378lm @ 250mA CCT=4100K P=4.5W I=250mA



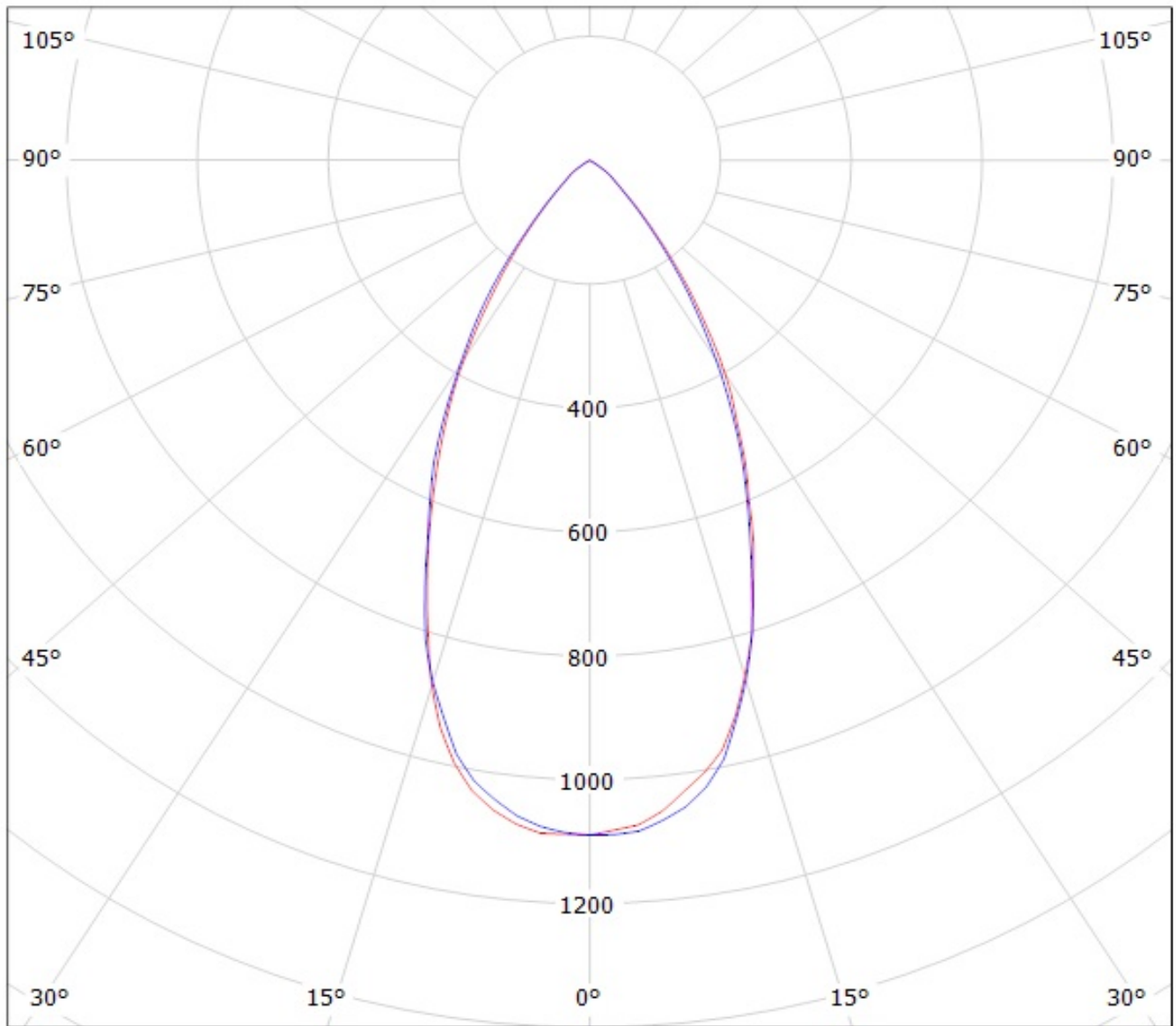
cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDil Oy C13556_BRIDGET-M-UNI_(CLL020) Efficiency=84%

Lamps: 1 x Citizen CLL020 (CLL020.1202A5-303H1A7) 515lm @ 250mA CCT=3000K P=9.3W I=250mA



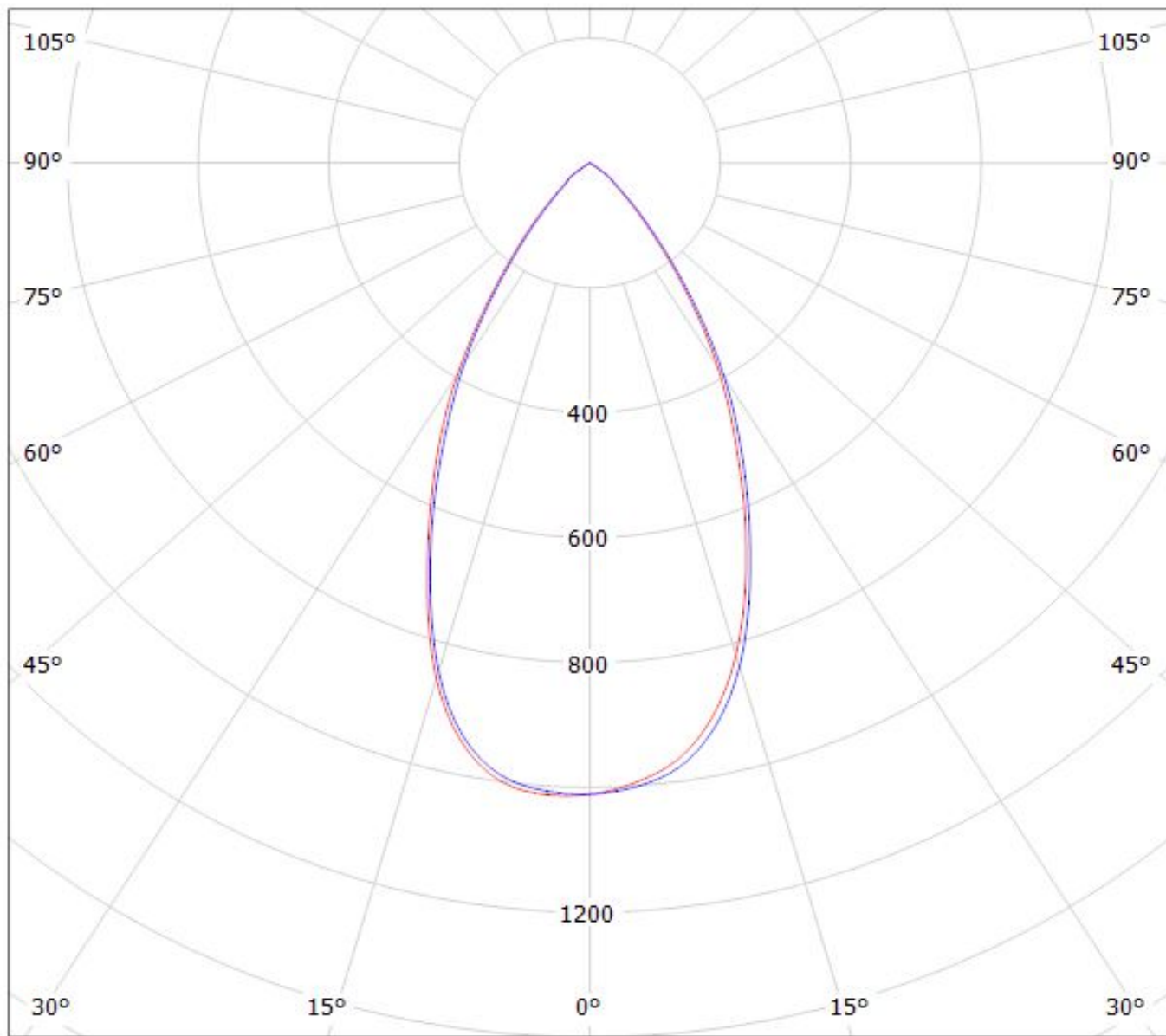
cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy C13556_BRIDGET-M-UNI_(CXM-9)

Lamps: 1 x Luminus_XNOVA_CXM-9_(AA00)_977.302lm@240mA_P=8.28264W_I=240mA



cd/klm

— C0 - C180

— C90 - C270

$\eta = 85\%$

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.
- 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).
- Fastening to PCB with appropriate adhesive. By clicking link below you can find Ledil recommended glue options.
http://www.ledil.com/datasheets/DataSheet_GLUES.pdf

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.

NOTE 1: We advise customer to ensure the suitability and sufficiency of the bond in the end product. For example, mechanical stress, vibration and holes on the surface of the circuit board weaken the strength of the glue.

NOTE 2: All surfaces where glue is applied must be clean, dry and free from grease and dirt. If cleaning of PCB surfaces is needed, please follow strictly the cleaning instructions of your LED manufacturer -this is important as cleaning shall under no circumstances damage LEDs or other electronics components on the PCB.

Further note that optical components shall not be cleaned with any chemicals - only micro fiber cloth may be used to remove fingerprints or other traces from handling.