LEDiL

DETAILS

Product Number	CN12975_LENINA-XW-DL
Family	Lenina
Type	RefPack
Color	white
Diameter	74 mm
Height	47,7 mm
Style	round
Optic Material	HRPC
Holder Material	
Fastening	socket
Status	production ready
ROHS Comliant	Yes
Date Updated	31/10/2016

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi- ciency	cd/lm	Connector
LUXEON CoB 1204/1205	71 deg	WWW-class	86 %	0.600	-
LUXEON CoB 1208	72 deg	WWW-class	86 %	0.600	-
COB J-Type	72 deg	WWW-class	84 %	0.580	-
Mega Zenigata (GW5DGC)	72 deg	WWW-class	86 %	0.588	-
Mega Zenigata (GW6DME)	72 deg	WWW-class	85 %	0.580	-

Absolute intensity of CN12975_LENINA-XW-DL

CN12975_LENINA-XW-DL

D | C | B | A

Material of
optional sublens: PC, clear
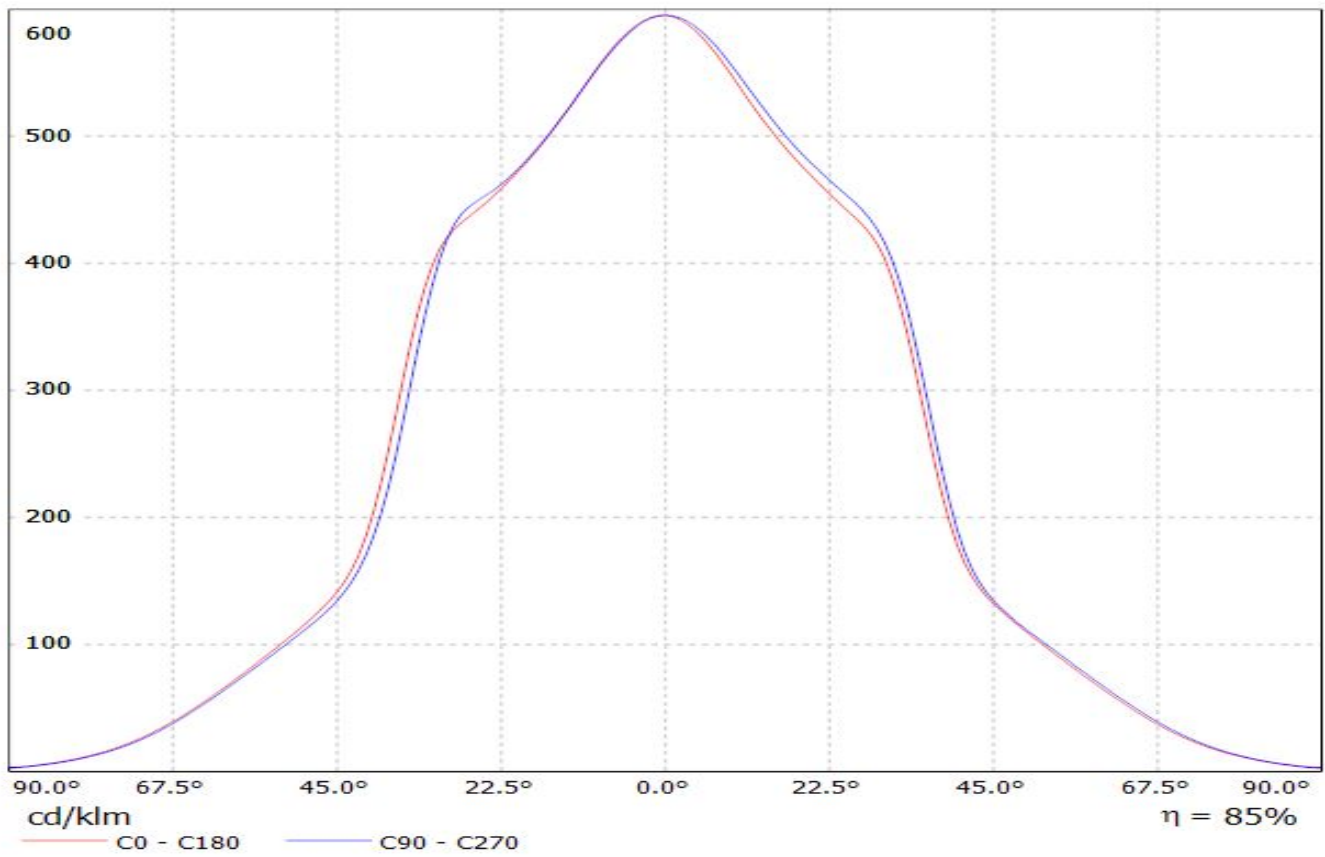
40

h2

Base material PC, white

Reflector material PC

⌀74
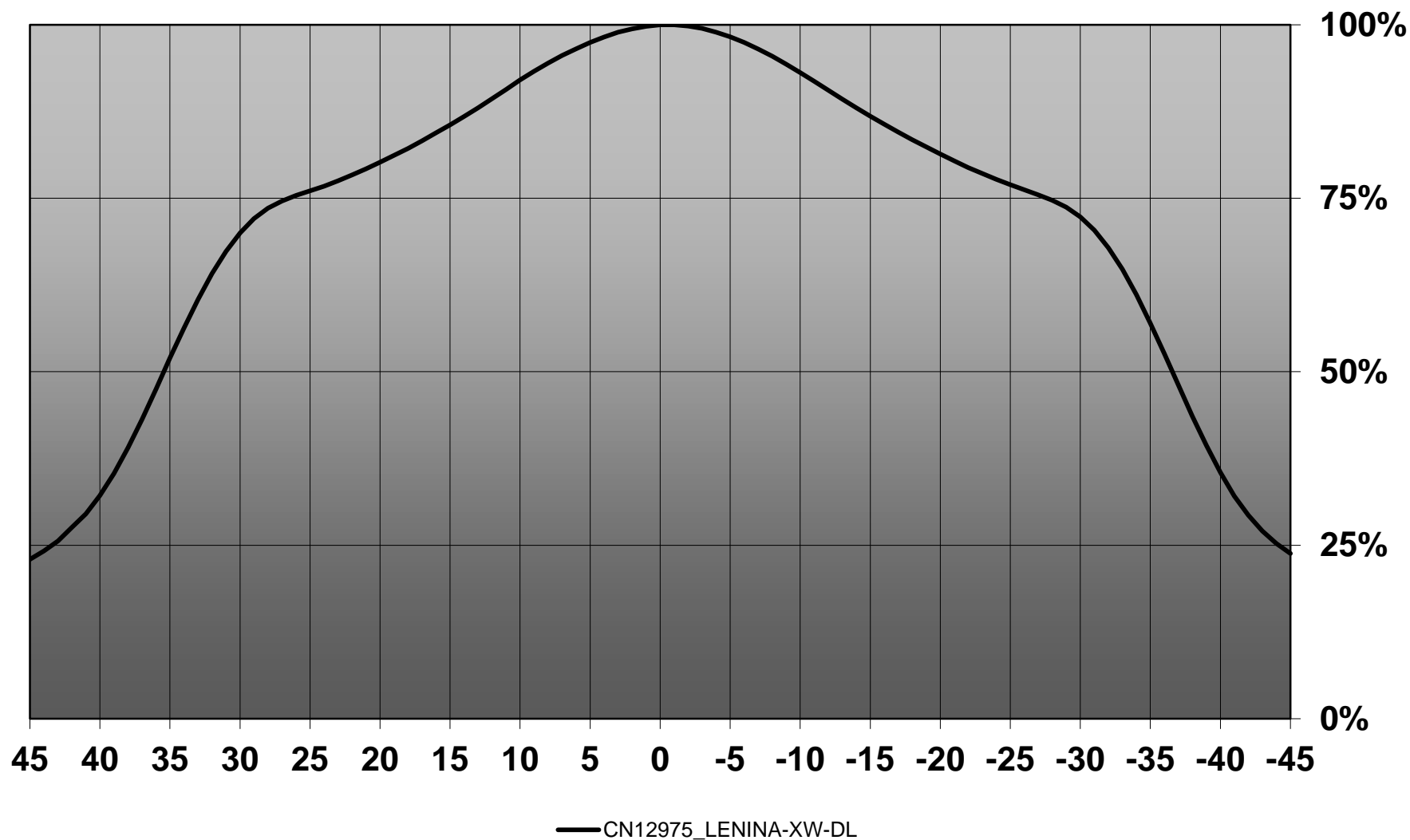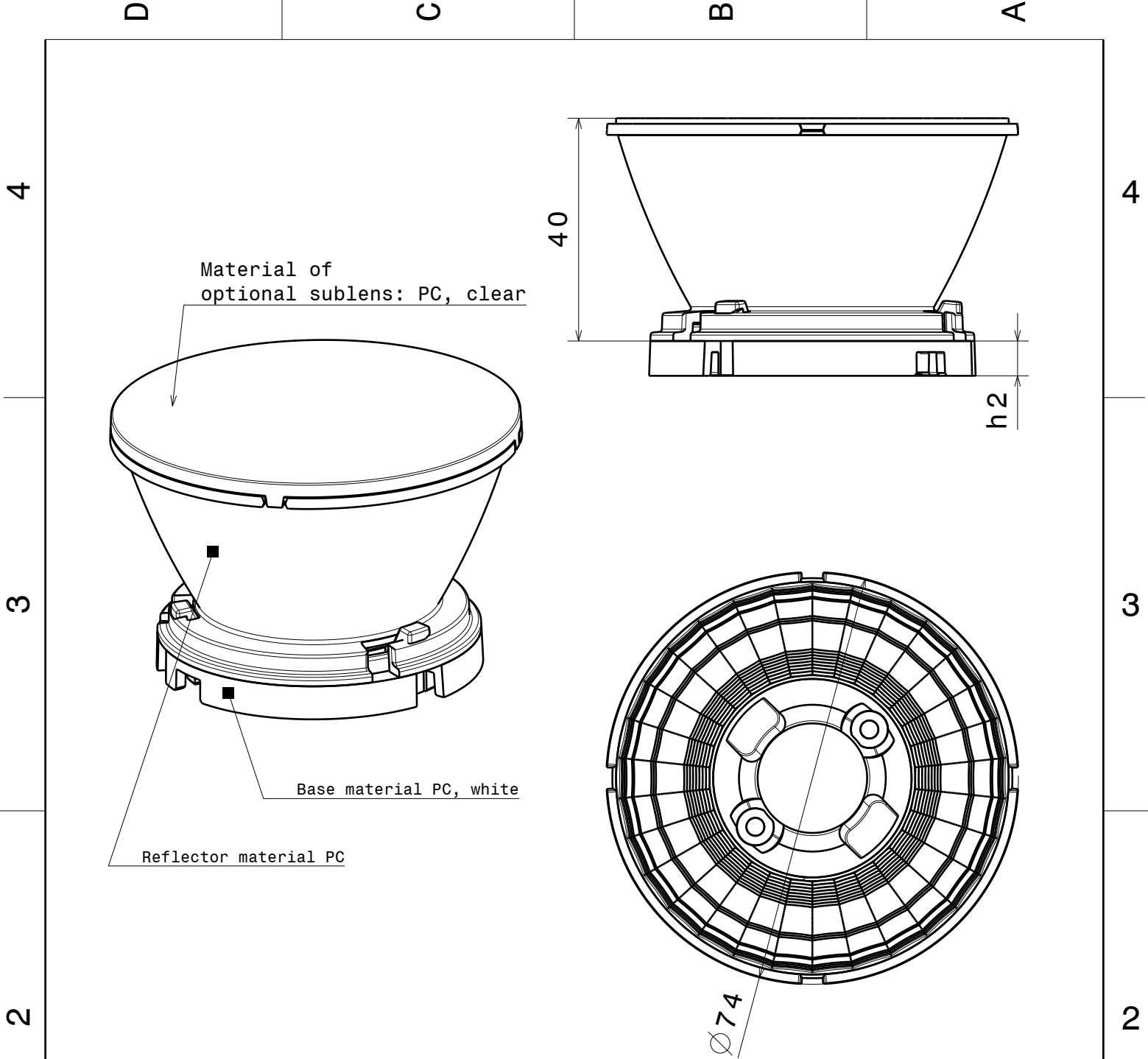
NOTE:

Using optional sublens, add 2.1mm
to the system height

Dimension 'h2' varies from 4.5mm to
7mm depending on the LED specific base part

LEDIL

Ledil Oy
Salorankatu 10
FIN-24240 SALO
Finland

DRAWING TITLE

Datasheet Lenina series

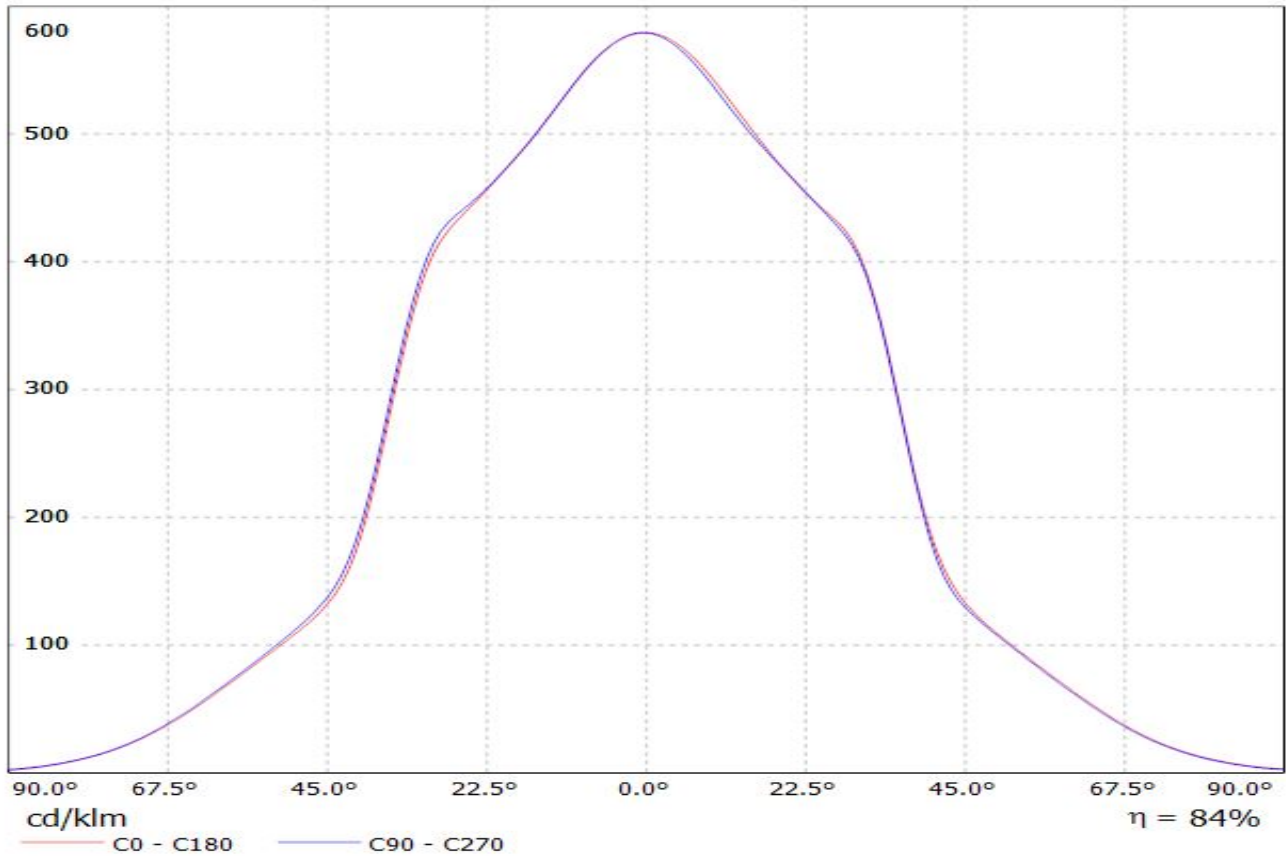| DRAWN BY | DATE | | | | |
ks	23.04.2014				
CHECKED BY	DATE	SIZE	DRAWING NUMBER		REV
		A4	--		1
DESIGNED BY	DATE	SCALE 1:1	WEIGHT(g)		SHEET 1/1
pl	08.03.2012				

D | A

Luminaire: LEDiL Oy CN12975_LENINA-XW-DL_(LUXEON_CoB_1205) Eff: 86 %
Lamps: 1 x LUXEON CoB 1205 (LHC1-3080-1205) 1106lm@250mA CCT=3000K P=8.3W I=250mA

cd/klm

η = 85%

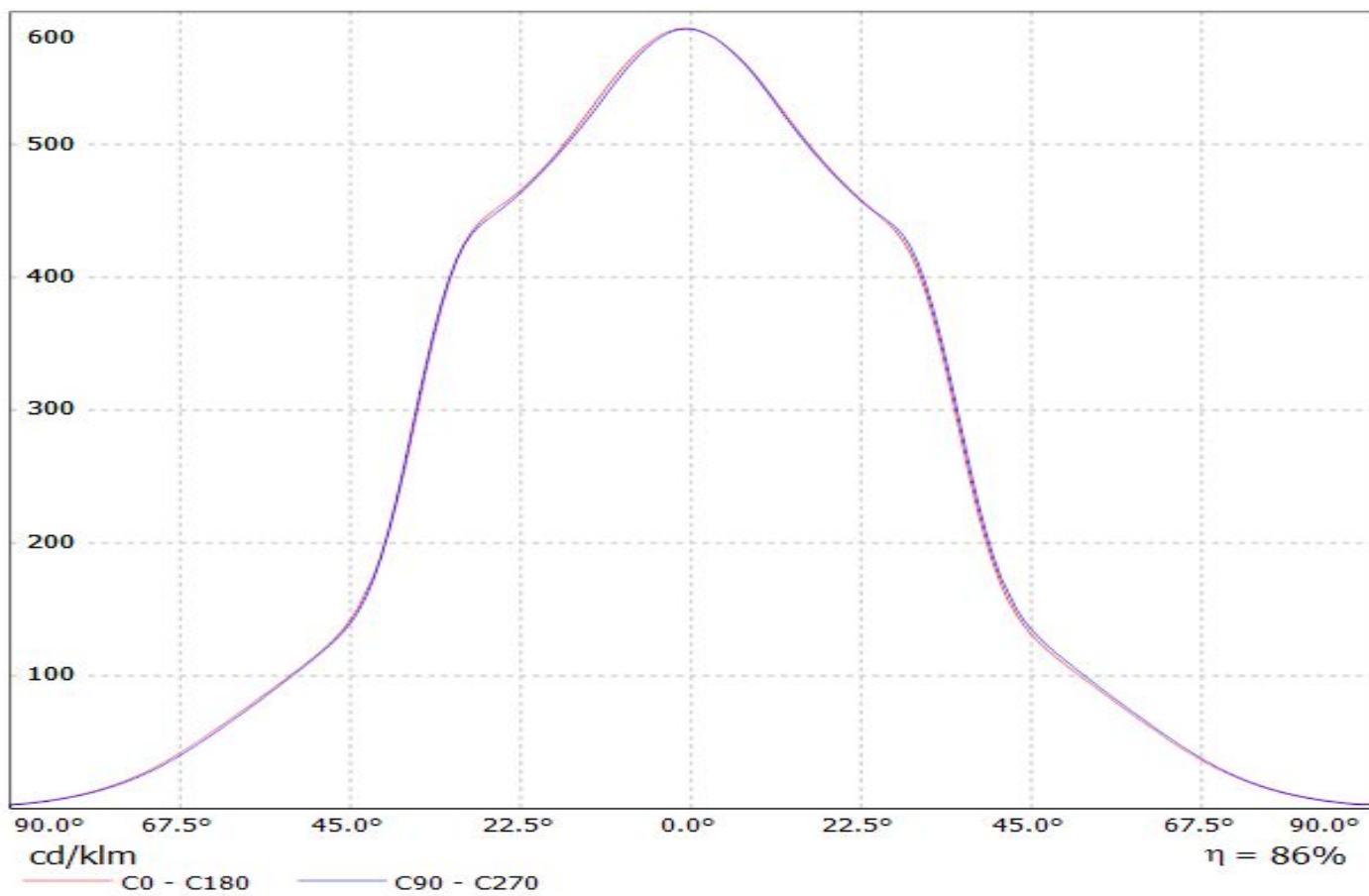C0 - C180   C90 - C270

Luminaire: LEDiL Oy CN12975_LENINA-XW-DL_(Luxeon_CoB_1208) Eff: 86 %
Lamps: 1 x Luxeon CoB 1208 (LHC1-3080-1208) 1065lm@250mA CCT=3000K P=8.3W I=250mA

cd/klm
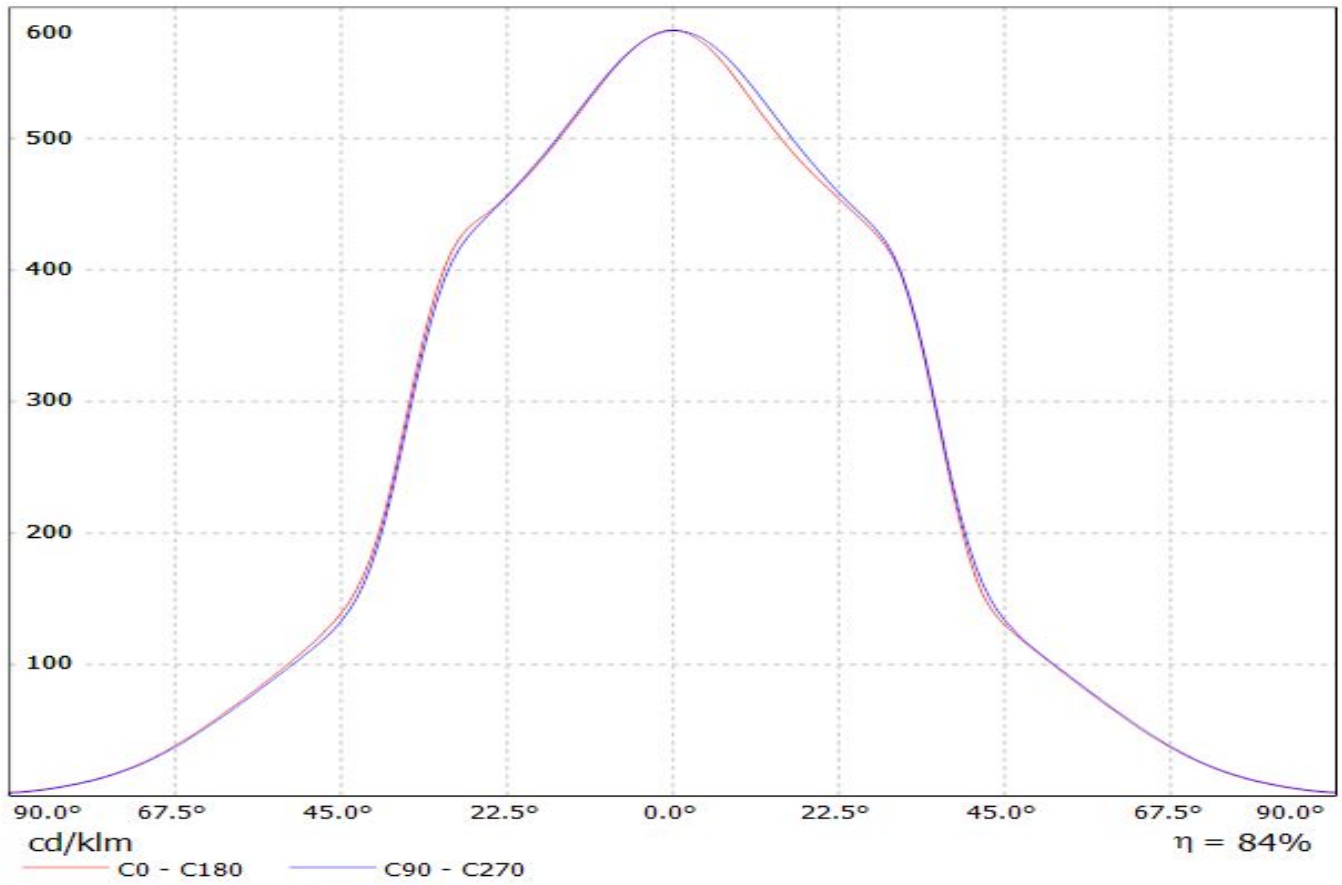
—— C0 - C180   —— C90 - C270

Luminaire: LEDiL Oy CN12975_LENINA-XW-DL_(NSCxJ216A) Eff.84.3%
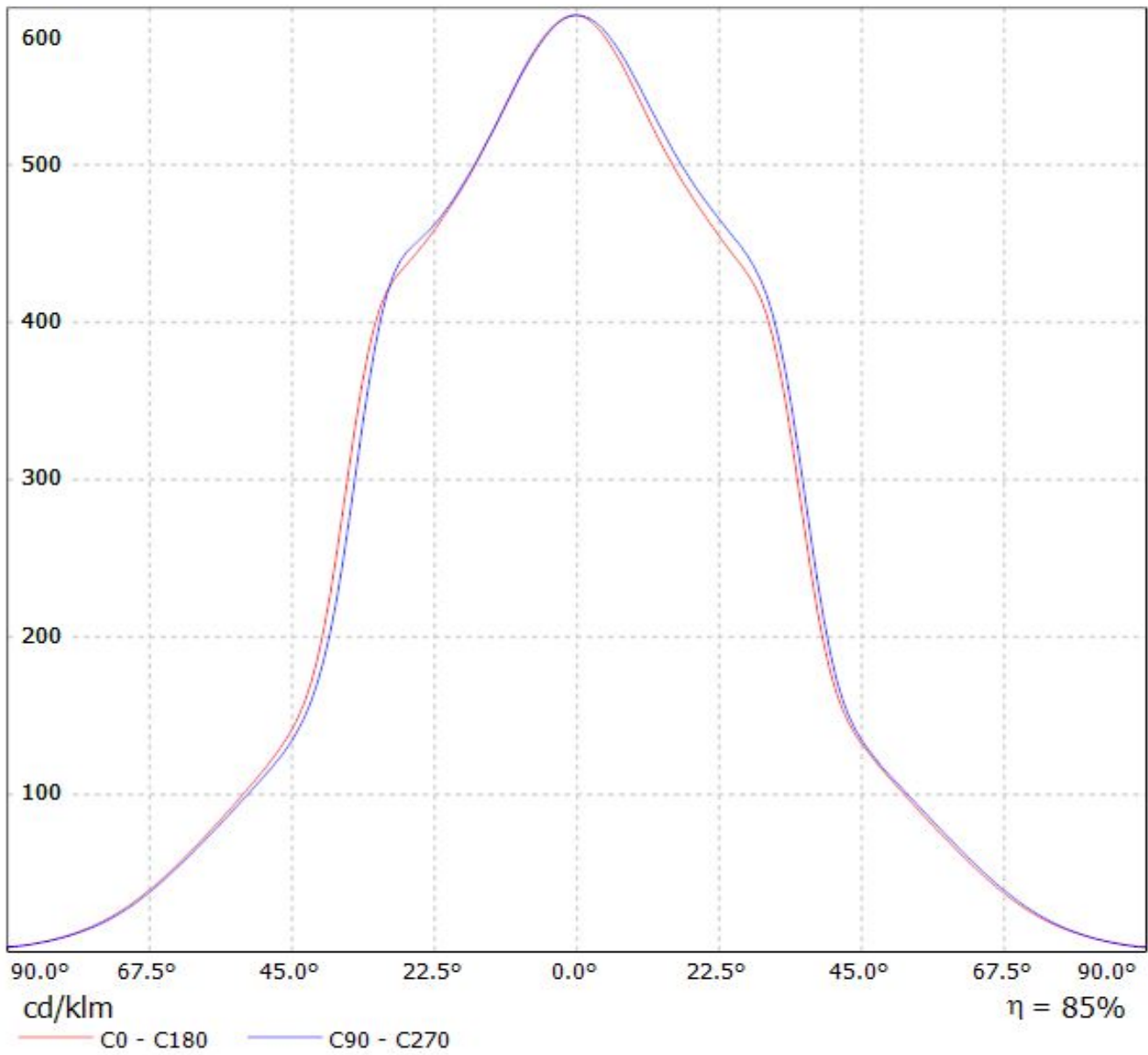Lamps: 1 x NICHIA_NSCxJ216A_(NSCLJ216AE)_1073.33lm@250mA CCT=3000K P=8.11575W I=249.9mA

cd/klm

η = 84%

C0 - C180   C90 - C270

Luminaire: LEDIL OY CN12975_LENINA-XW-DL Eff.86%
Lamps: 1 x MegaZen (884.6lm@250mA)

cd/klm

η = 86%

C0 - C180   C90 - C270

Luminaire: LEDiL Oy CN12975_LENINA-XW-DL_(Megazenigata_GW6D) Eff.84.5%
Lamps: 1 x SHARP_Megazenigata_(GW6DMC40NFC)_1087.39lm@250mA_P=8.48721W_I=249.8mA

cd/klm

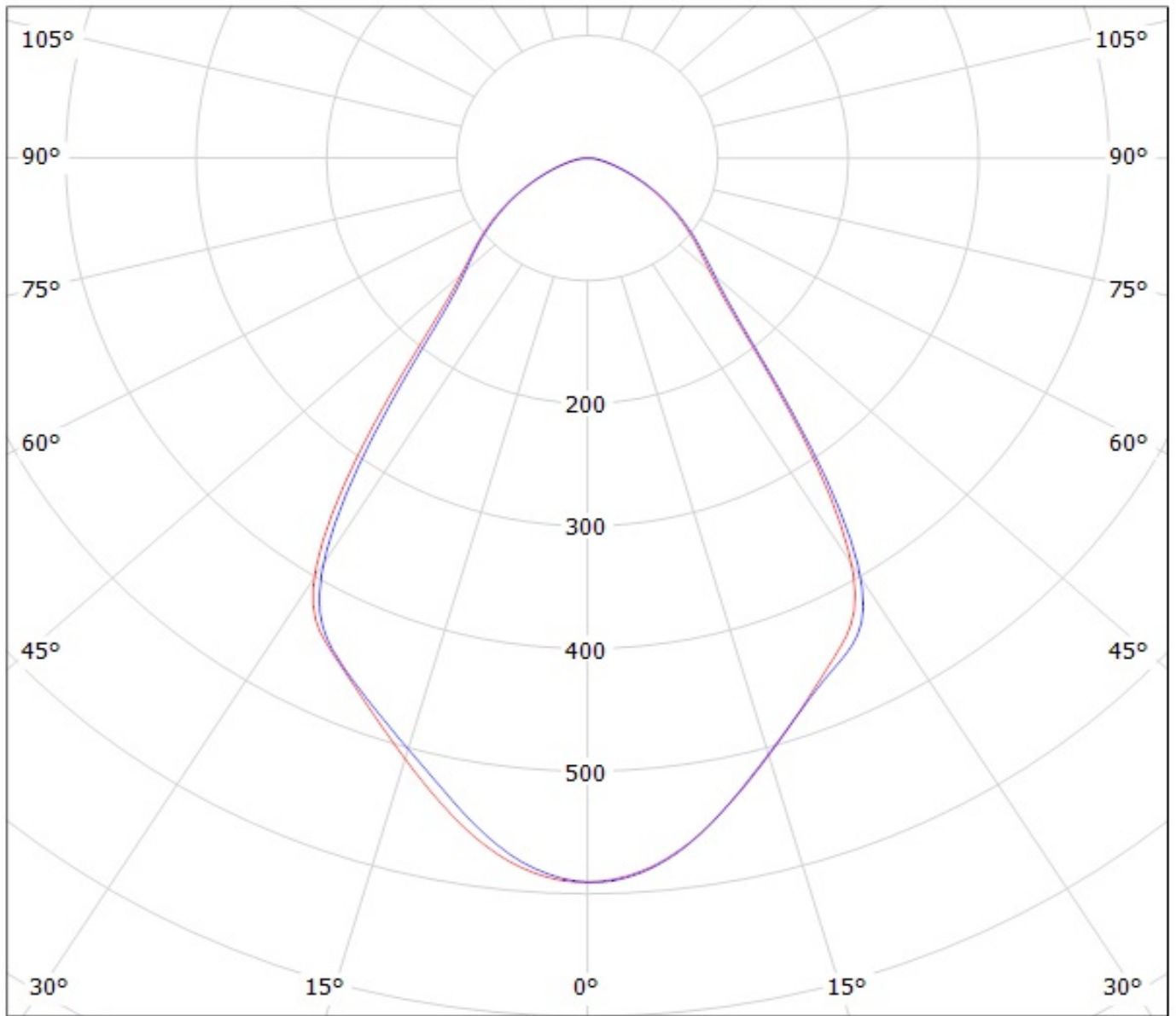η = 84%

C0 - C180   C90 - C270

Luminaire: LEDiL Oy CN12975_LENINA-XW-DL_(LUXEON_CoB_1205) Eff: 86 %
Lamps: 1 x LUXEON CoB 1205 (LHC1-3080-1205) 1106lm@250mA CCT=3000K P=8.3W I=250mA

cd/klm

η = 85%

C0 - C180   C90 - C270

Luminaire: LEDiL Oy CN12975_LENINA-XW-DL_(Luxeon_CoB_1208) Eff: 86 %
Lamps: 1 x Luxeon CoB 1208 (LHC1-3080-1208) 1065lm@250mA CCT=3000K P=8.3W I=250mA
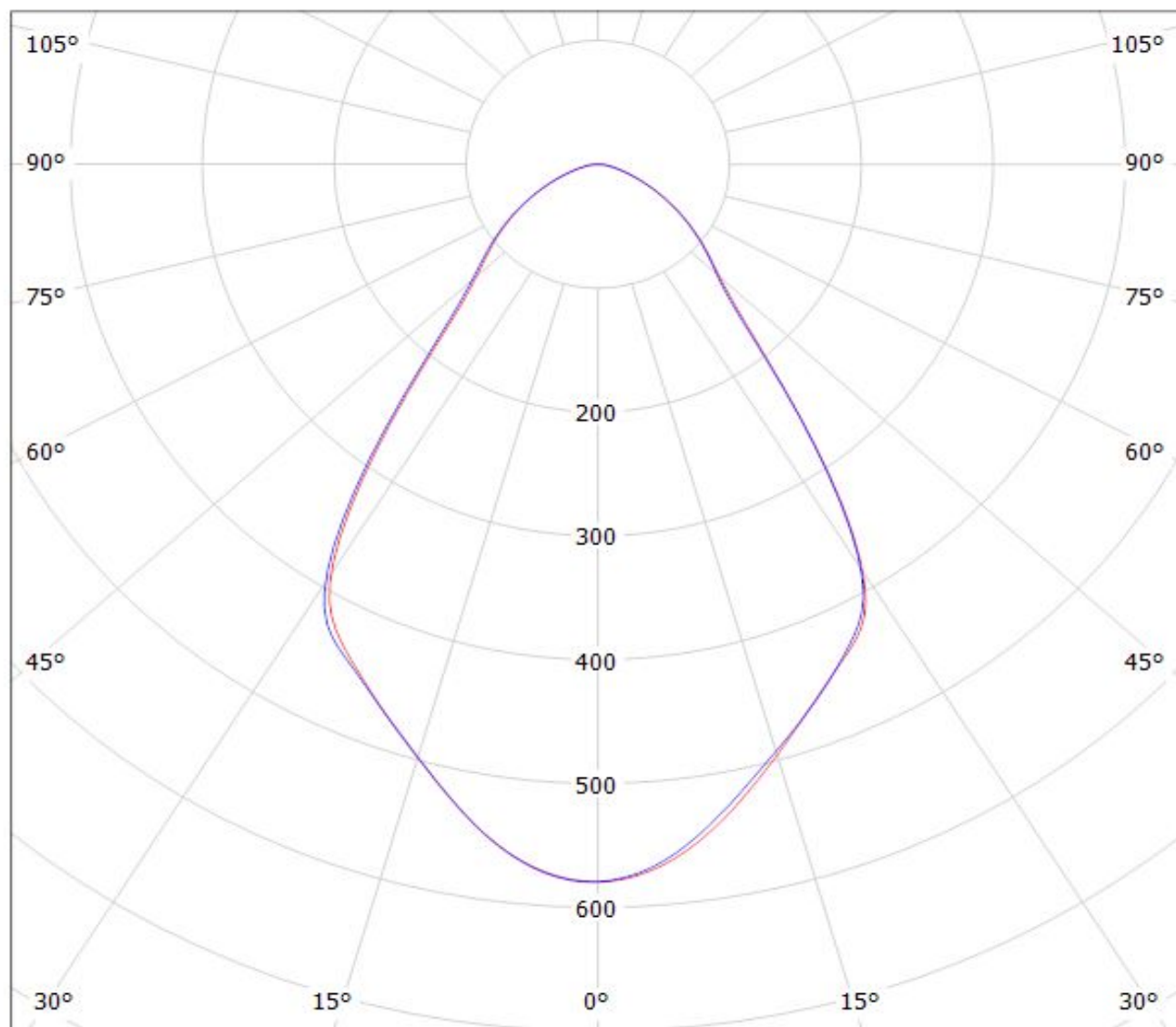

cd/klm
C0 - C180   C90 - C270

Luminaire: LEDiL Oy CN12975_LENINA-XW-DL_(NSCxJ216A) Eff.84.3%
Lamps: 1 x NICHIA_NSCxJ216A_(NSCLJ216AE)_1073.33lm@250mA CCT=3000K P=8.11575W I=249.9mA
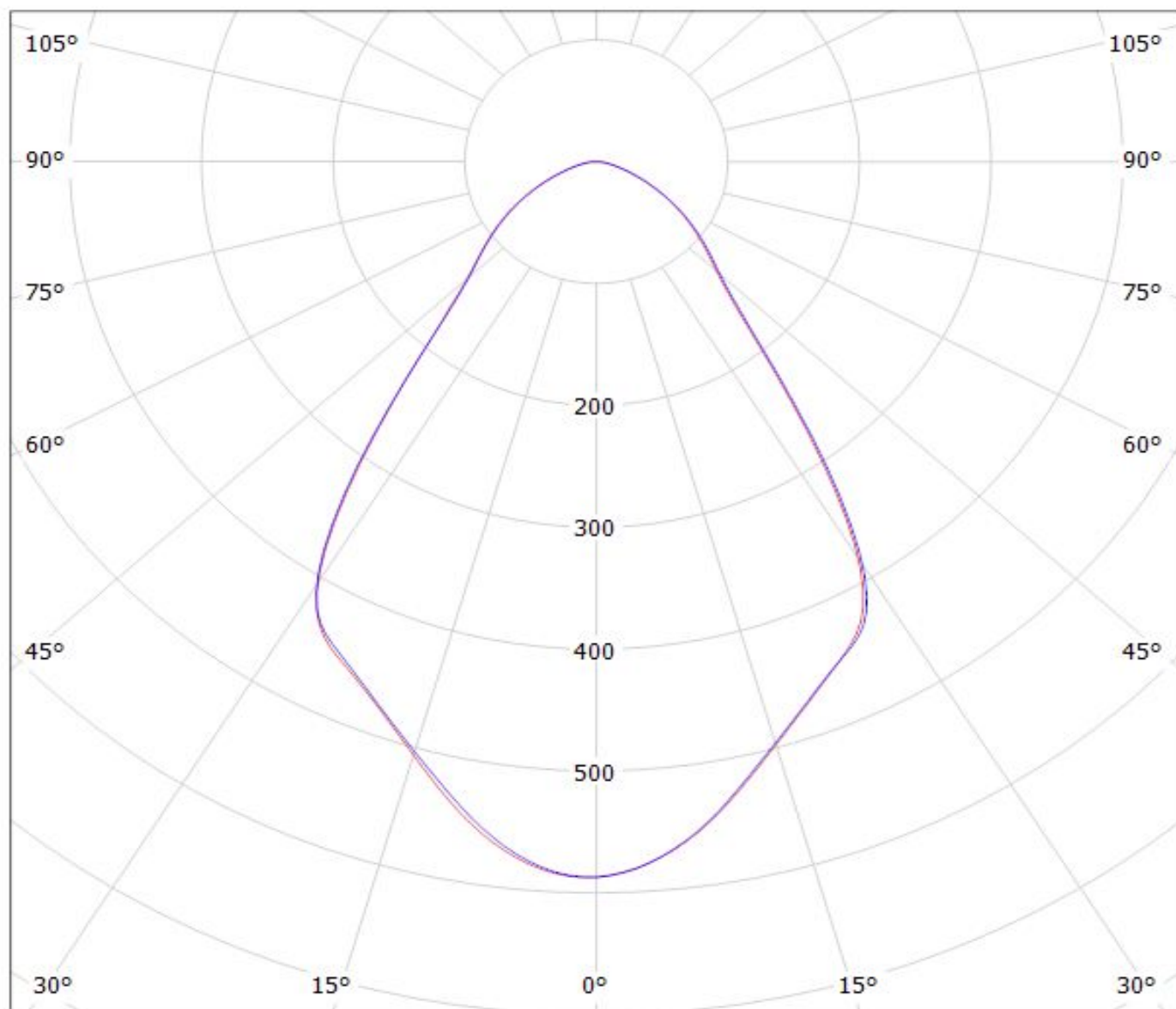

cd/klm   η = 84%

——— C0 - C180   ——— C90 - C270

Luminaire: LEDIL OY CN12975_LENINA-XW-DL Eff.86%
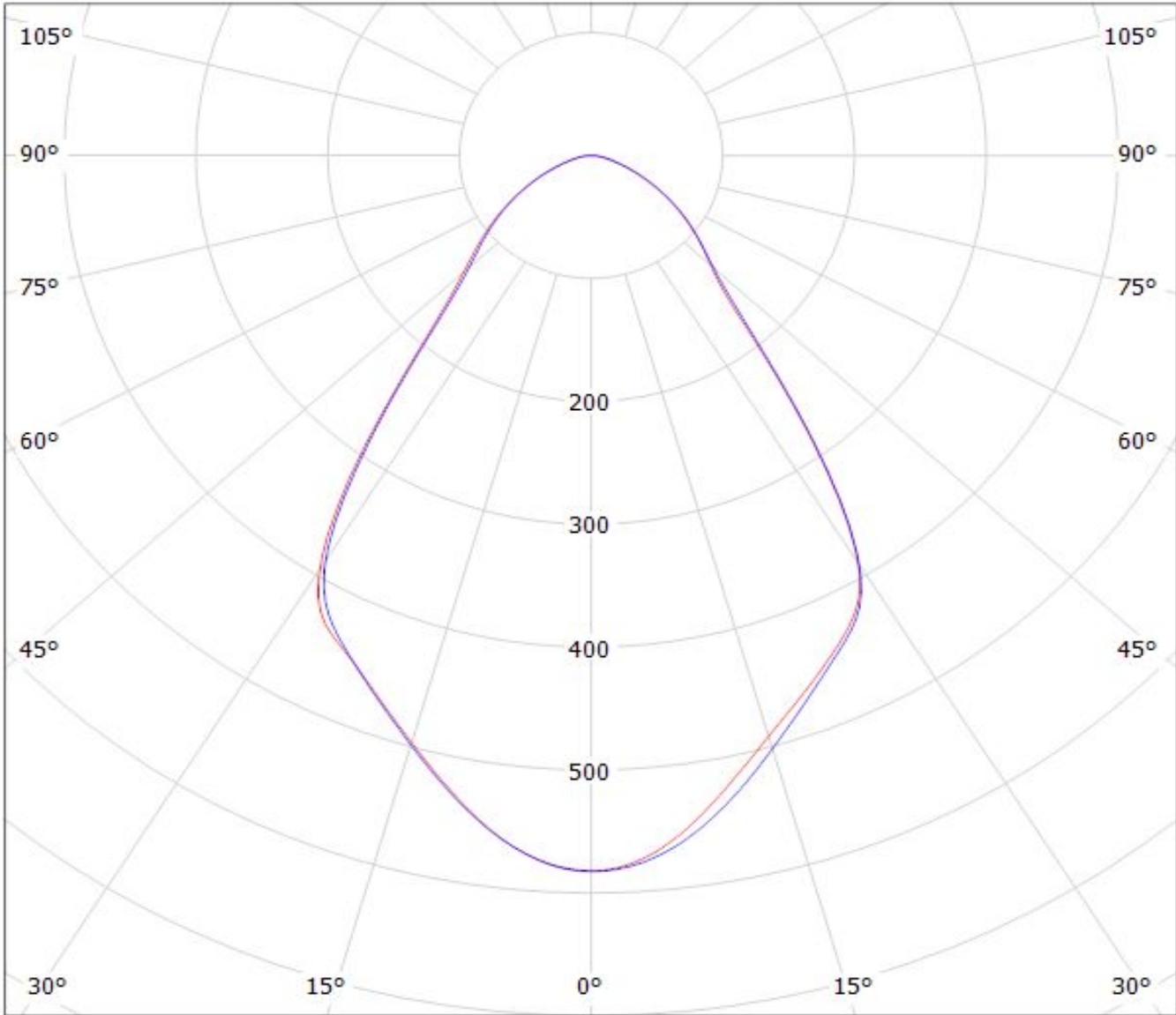Lamps: 1 x MegaZen (884.6lm@250mA)

cd/klm

η = 86%

— C0 - C180   — C90 - C270

Luminaire: LEDiL Oy CN12975_LENINA-XW-DL_(Megazenigata_GW6D) Eff.84.5%
Lamps: 1 x SHARP_Megazenigata_(GW6DMC40NFC)_1087.39lm@250mA_P=8.48721W_I=249.8mA

cd/klm

η = 84%

C0 - C180   C90 - C270

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.