PRODUCT DATASHEET
Lenina series
last update 31/10/2016

DETAILS

Product Number	CN12645_LENINA-M
Family	Lenina
Type	RefPack
Color	metal
Diameter	74 mm
Height	45,6 mm
Style	round
Optic Material	
Holder Material	
Fastening	screw
Status	production ready
ROHS Comliant	Yes
Date Updated	31/10/2016

OPTICAL PROPERTIES

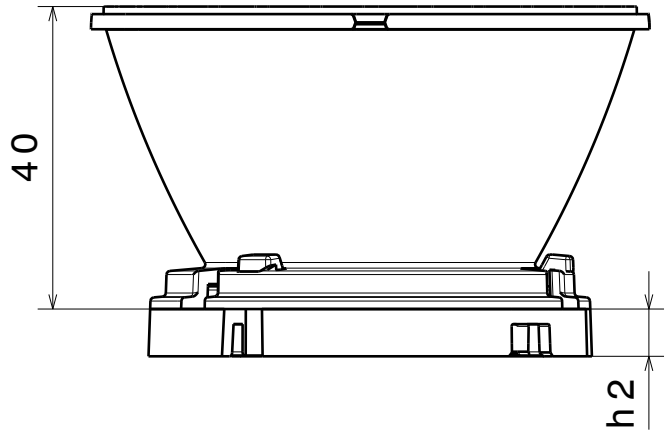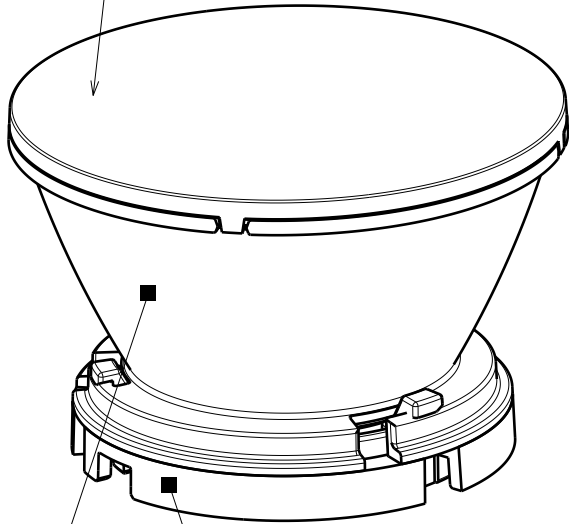| LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
LUXEON CoB 1204/1205	28 deg	Medium	87 %	2.200	-
LUXEON CoB 1208	31 deg	Medium	88 %	2.000	-
COB J-Type	31 deg	Medium	86 %	1.910	-
Mega Zenigata (GW5DGC)	21 deg	Medium	86 %	-	-
Mega Zenigata (GW6DME)	30 deg	Medium	87 %	2.000	-

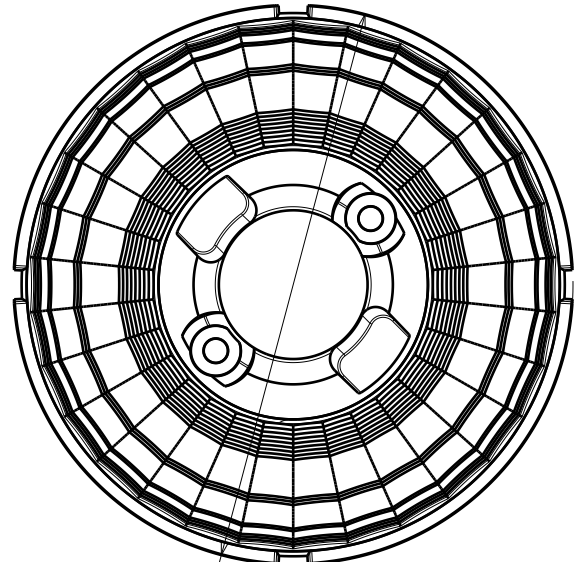D | C | B | A

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

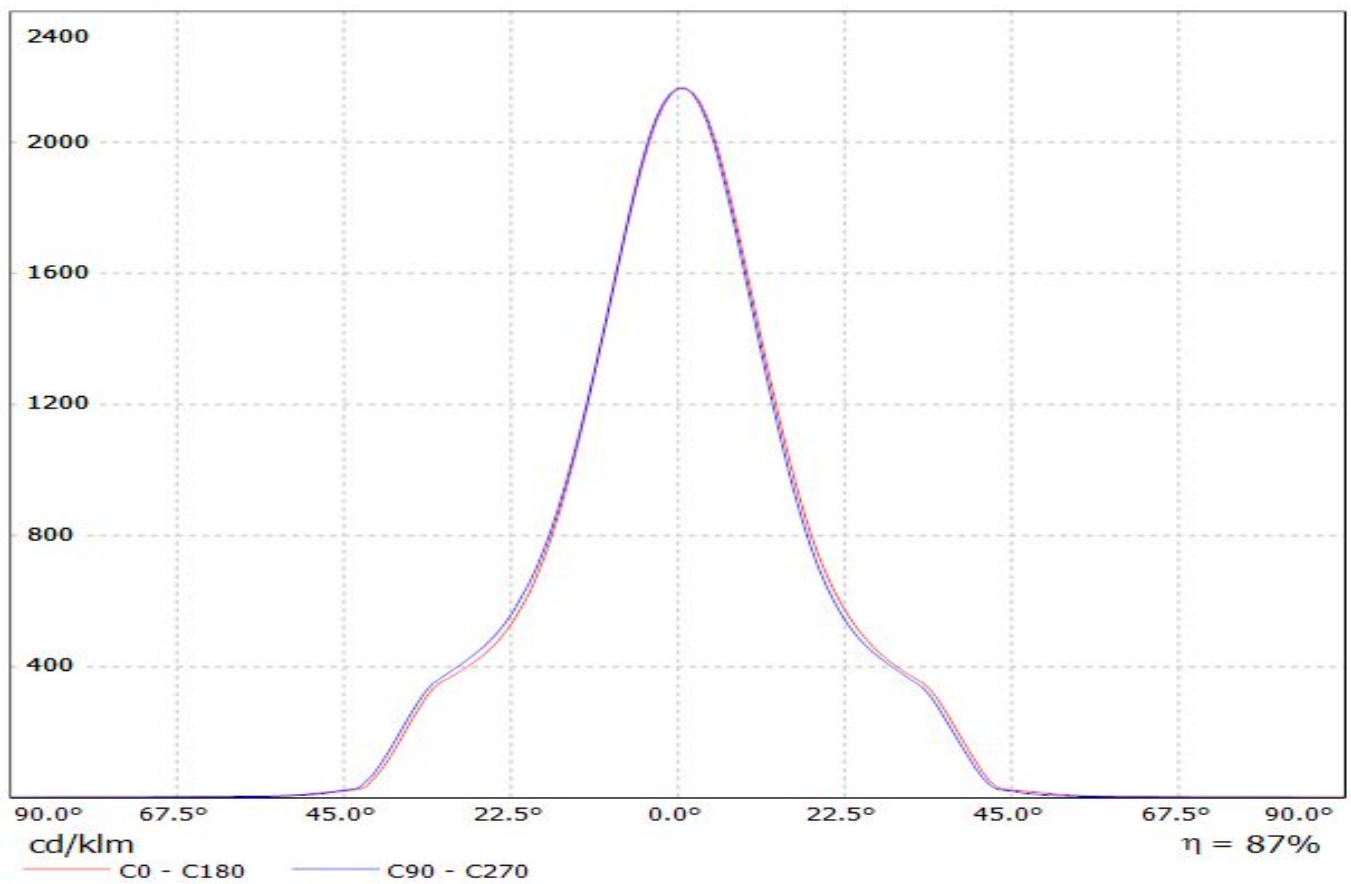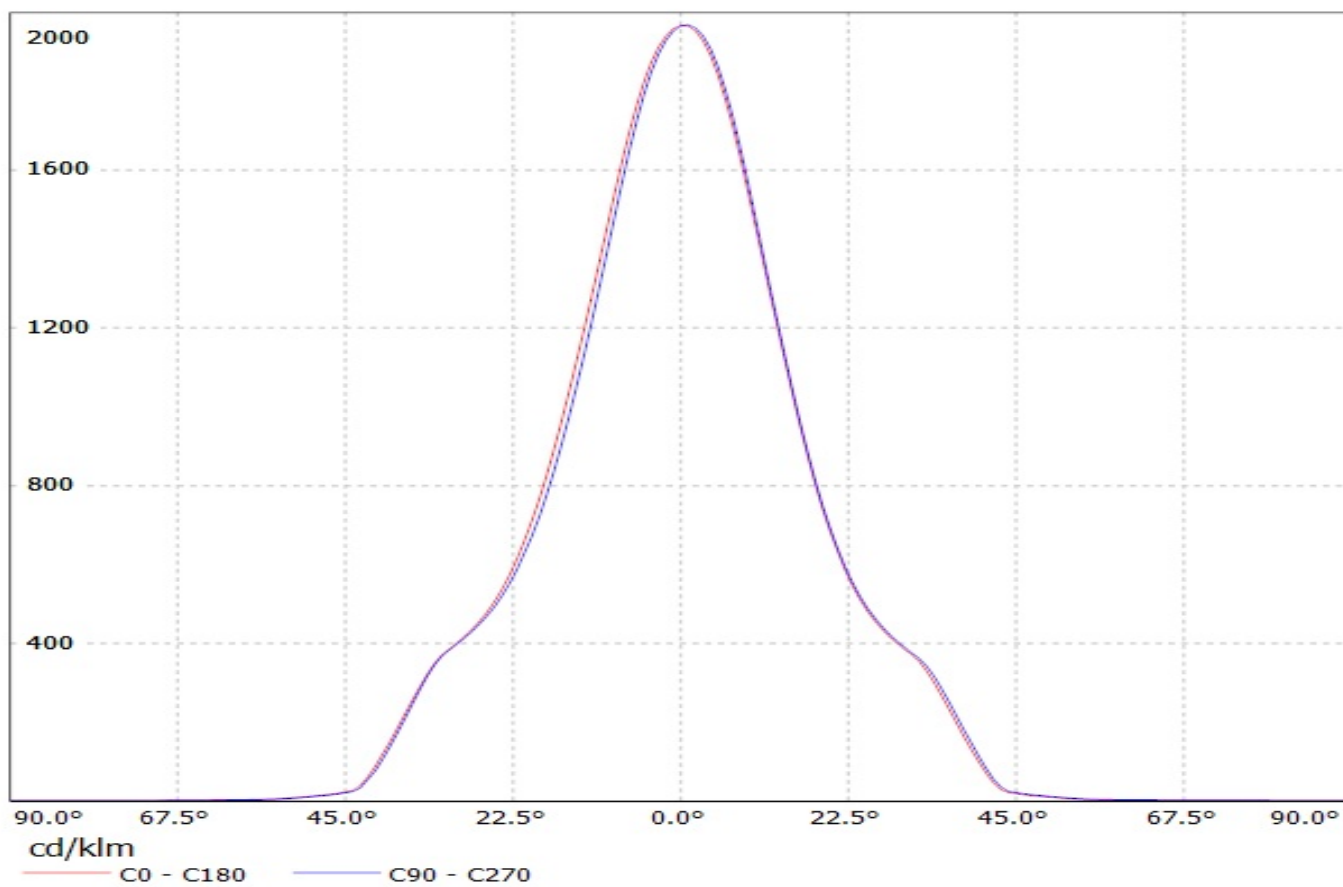| DRAWN BY	DATE				
ks	23.04.2014				
CHECKED BY	DATE	SIZE	DRAWING NUMBER		REV
		A4	--		1
DESIGNED BY	DATE	SCALE 1:1	WEIGHT(g)		SHEET 1/1
pl	08.03.2012				

Luminaire: LEDiL Oy CN12645_LENINA-M_(LUXEON-CoB_1205) Eff: 87 %
Lamps: 1 x LUXEON CoB 1205 (LHC1-3080-1205) 1106lm@250mA CCT=3000K P=8.3W I=250mA

cd/klm

η = 87%

——— C0 - C180   ——— C90 - C270
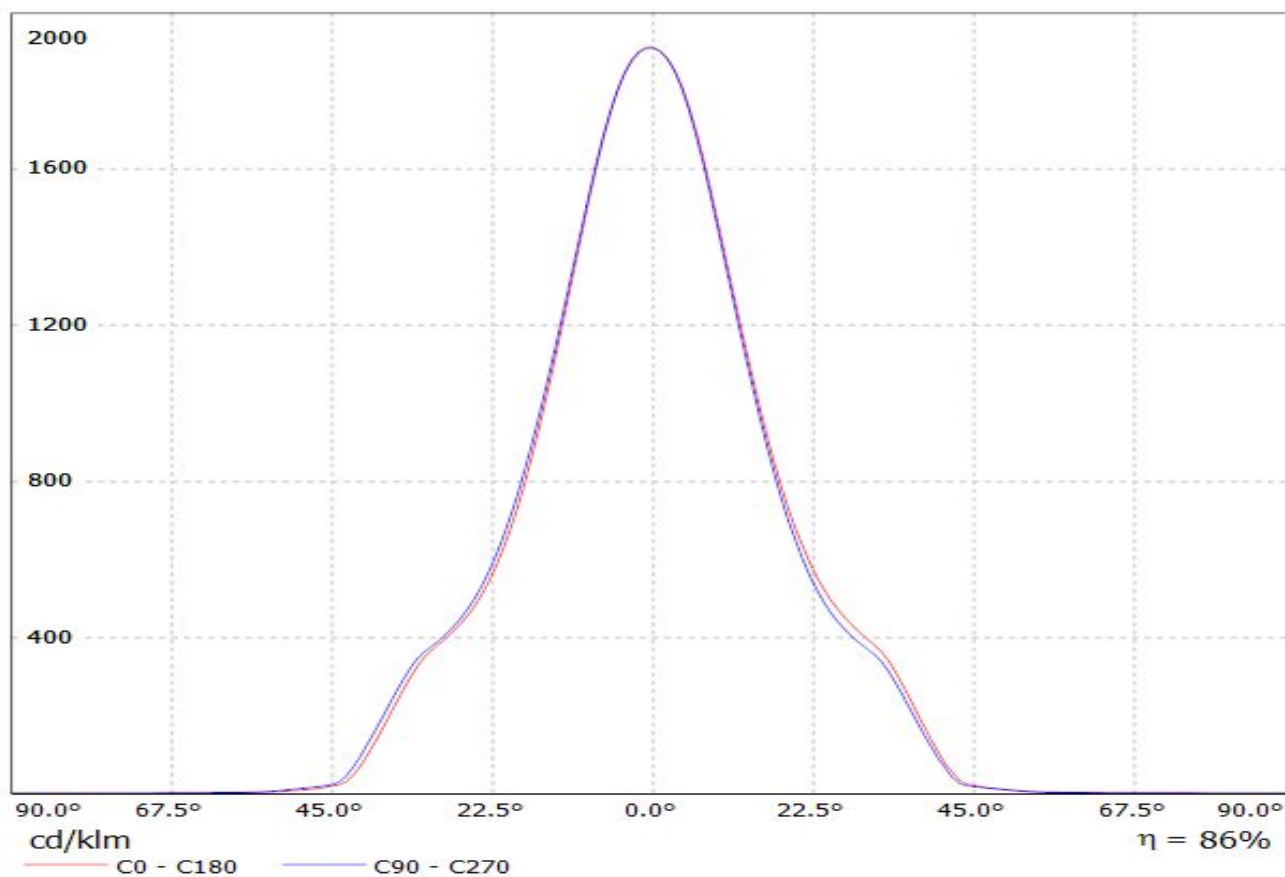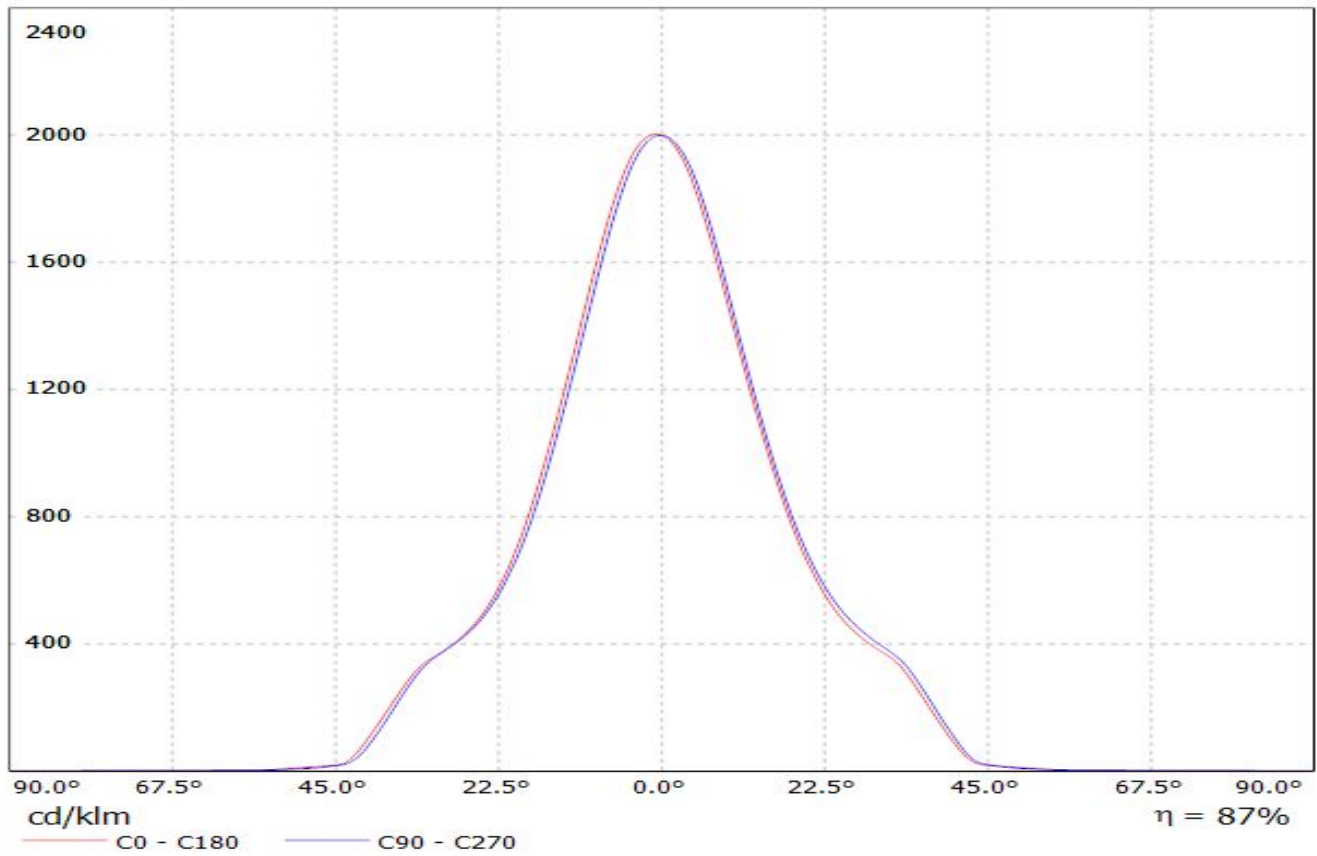
Luminaire: LEDiL Oy CN12645_LENINA-M_(Luxeon_CoB_1208) Eff: 88 %
Lamps: 1 x Luxeon CoB 1208 (LHC1-3080-1208) 1065lm@250mA CCT=3000K P=8.3W I=250mA
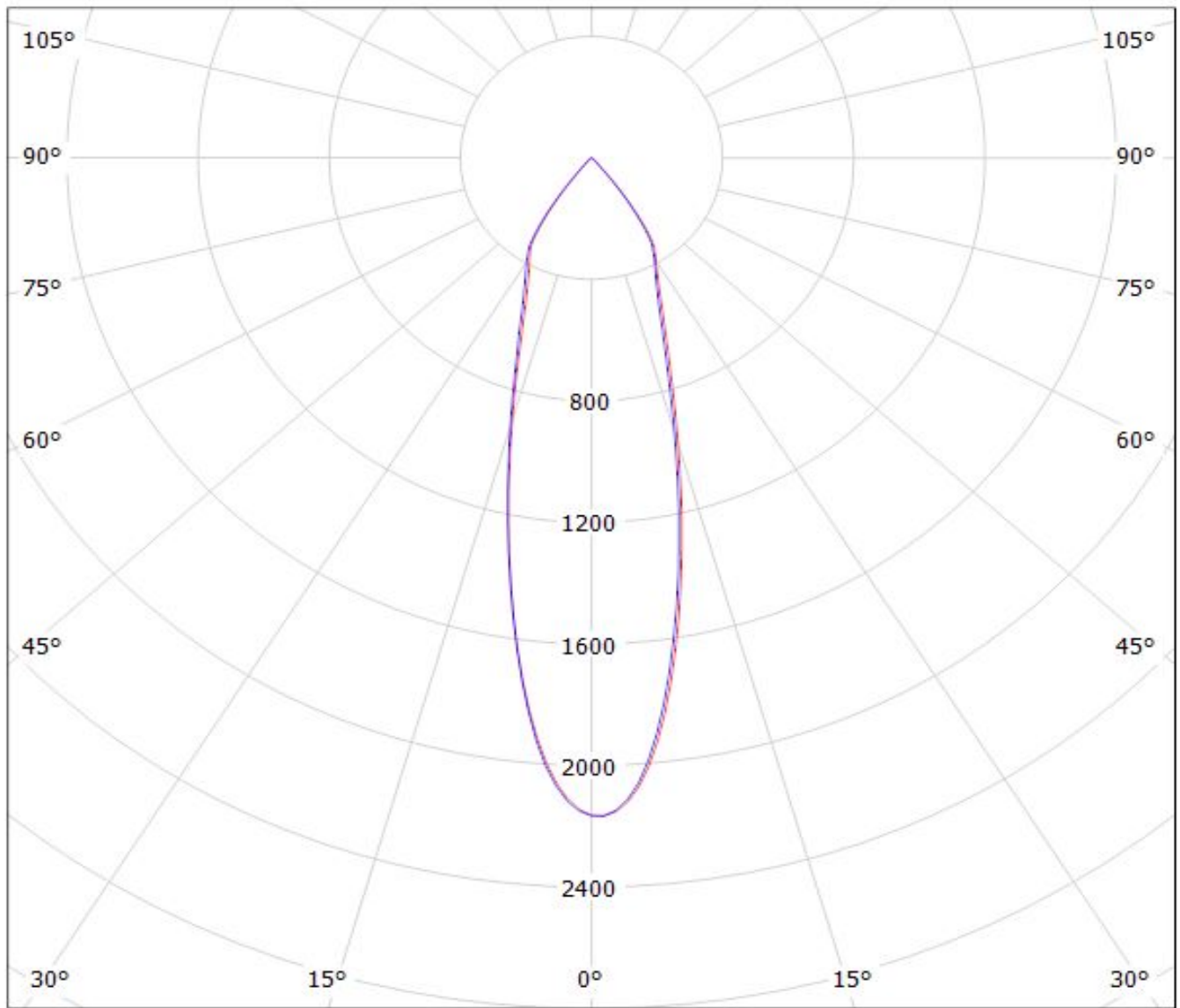

cd/klm

——— C0 - C180   ——— C90 - C270

Luminaire: LEDiL Oy CN12645_LENINA-M_(NSCxJ216A) Eff.86.0%
Lamps: 1 x NICHIA_NSCxJ216A_(NSCLJ216AE)_1073.33lm@250mA CCT=3000K P=8.11575W I=249.9mA

cd/klm   η = 86%

——— C0 - C180   ——— C90 - C270

Luminaire: LEDiL Oy CN12645_LENINA-M_(Megazenigata_GW6D) Eff.86.7%
Lamps: 1 x SHARP_Megazenigata_(GW6DMC40NFC)_1087.39lm@250mA_P=8.48721W_I=249.8mA

cd/klm

η = 87%

——— C0 - C180   ——— C90 - C270

Luminaire: LEDiL Oy CN12645_LENINA-M_(LUXEON-CoB_1205) Eff: 87 %
Lamps: 1 x LUXEON CoB 1205 (LHC1-3080-1205) 1106lm@250mA CCT=3000K P=8.3W I=250mA
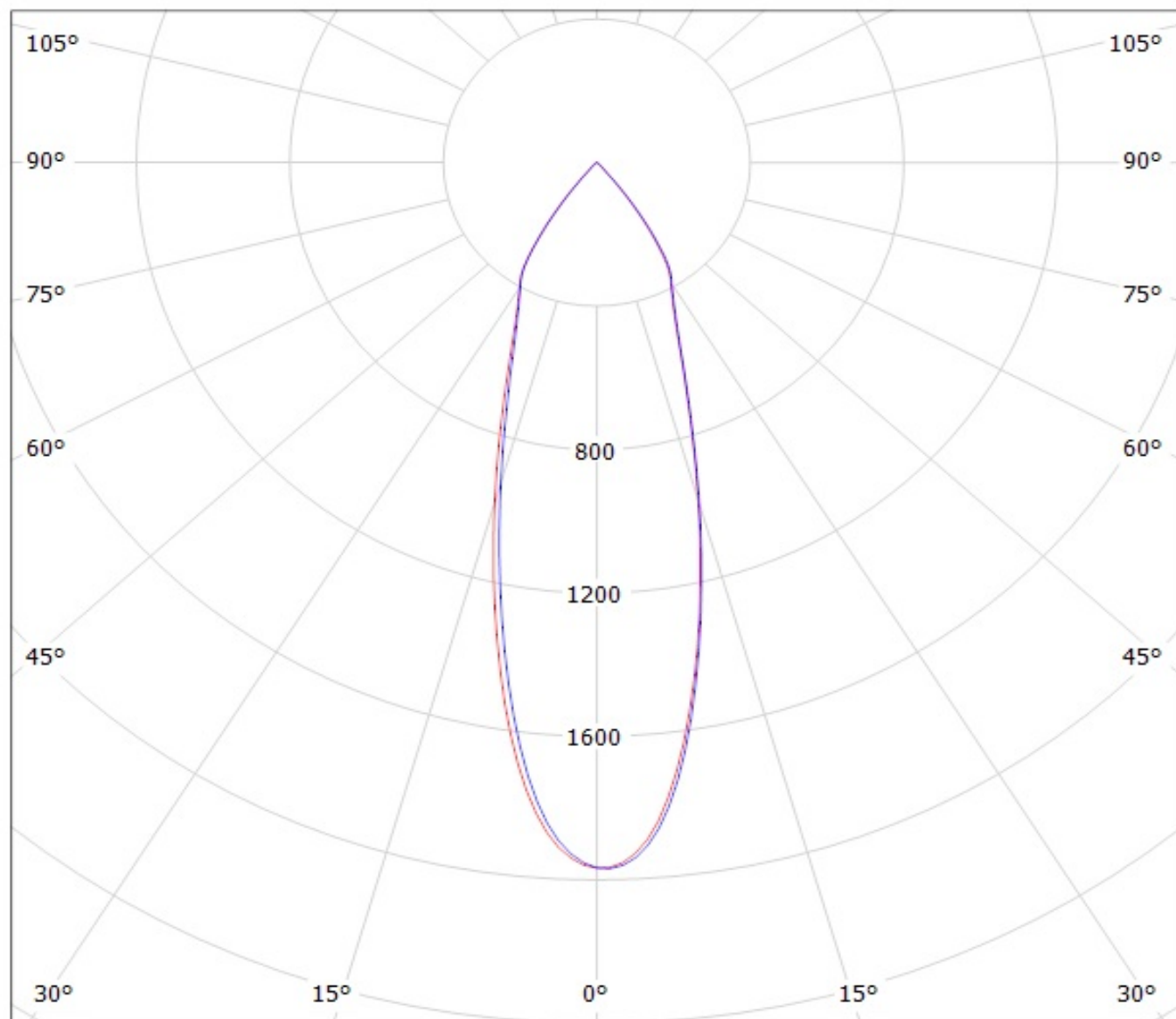

cd/klm

η = 87%

C0 - C180   C90 - C270

Luminaire: LEDiL Oy CN12645_LENINA-M_(Luxeon_CoB_1208) Eff: 88 %
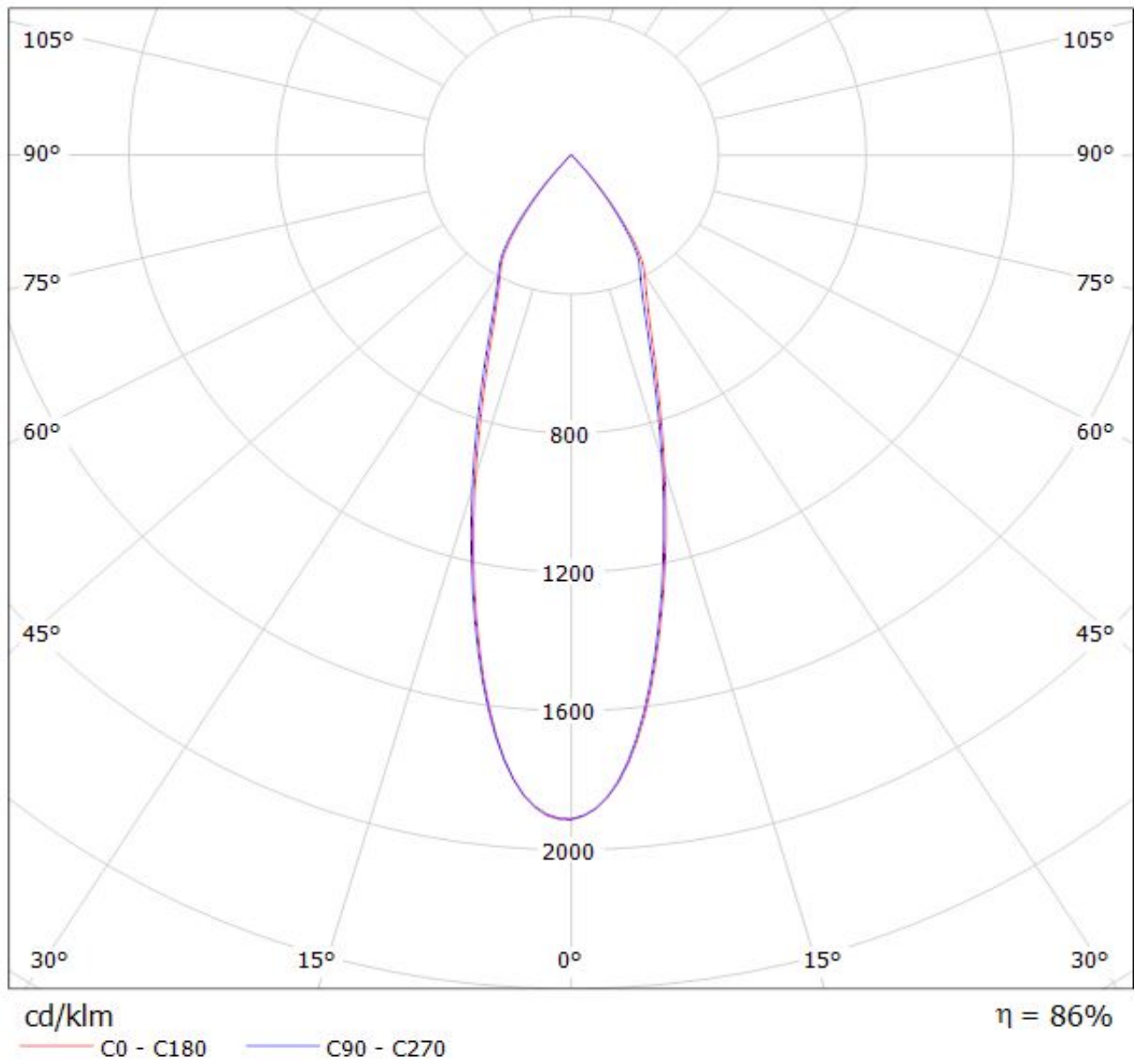Lamps: 1 x Luxeon CoB 1208 (LHC1-3080-1208) 1065lm@250mA CCT=3000K P=8.3W I=250mA
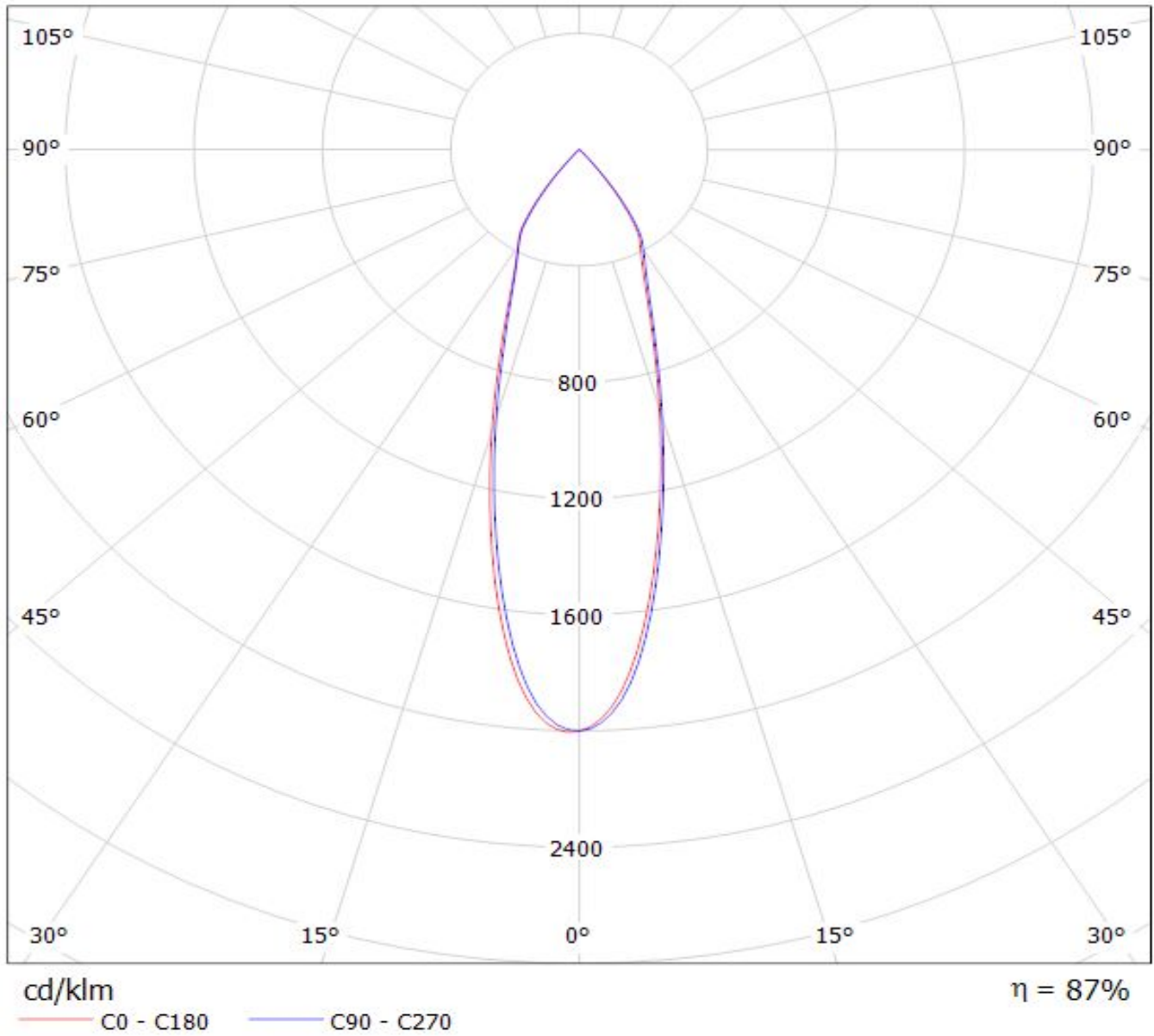

cd/klm
——— C0 - C180   ——— C90 - C270

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cd/klm

η = 87%

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.