DETAILS

Product Number	CA12070_EMILY-M2
Family	Emily
Type	Assembly
Color	clear
Diameter	26 mm
Height	15 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	tape, pin
Status	production ready
ROHS Comliant	Yes
Date Updated	7/07/2016
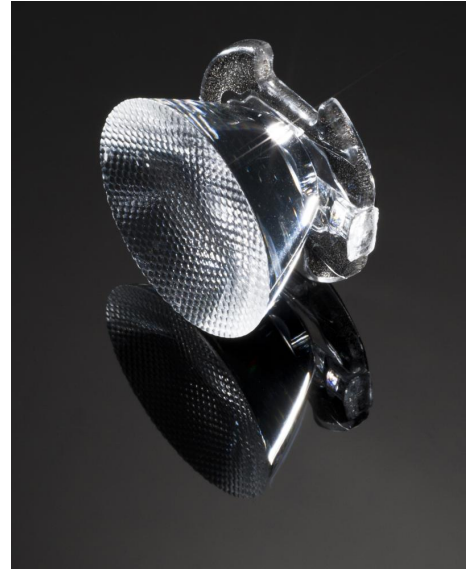
OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
XM-L	28 deg	M2-class	92 %	-	-
XM-L HVW	sim: 30	M2-class	88 %	-	-
XM-L2	29 deg	M2-class	90 %	3.800	-
XP-L HI	27 deg	M2-class	89 %	4.100	-
NS9x383	26 deg	M2-class	89 %	3.400	-

D | C | B | A

Bottom view

Beam direction Emily-O-90

Beam direction Emily-O

8.6 c/c
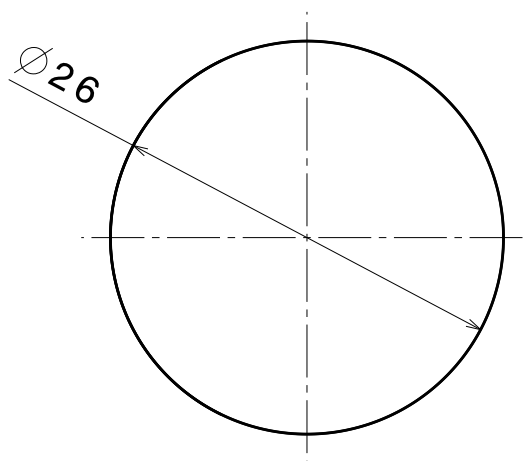
∅2

Front view

15

0.7

Tape 0.4mm

∅26
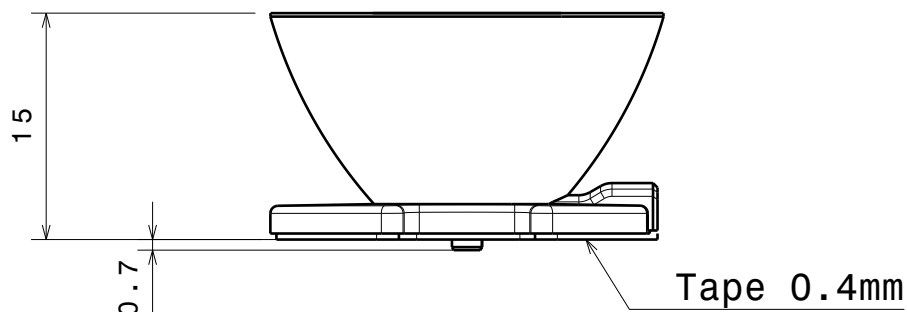
Top view

Material:
Lens: PMMA
Tape: PU Foam with adhesive

Part no.s:
CA12062_Emily-SS
CA12064_Emily-M
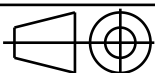CA12066_Emily-O
CA12068_Emily-O-90
CA12070_Emily-M2

THIRD ANGLE PROJECTION:

LEDiL

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE
Datasheet Emily-RE-ES series lens

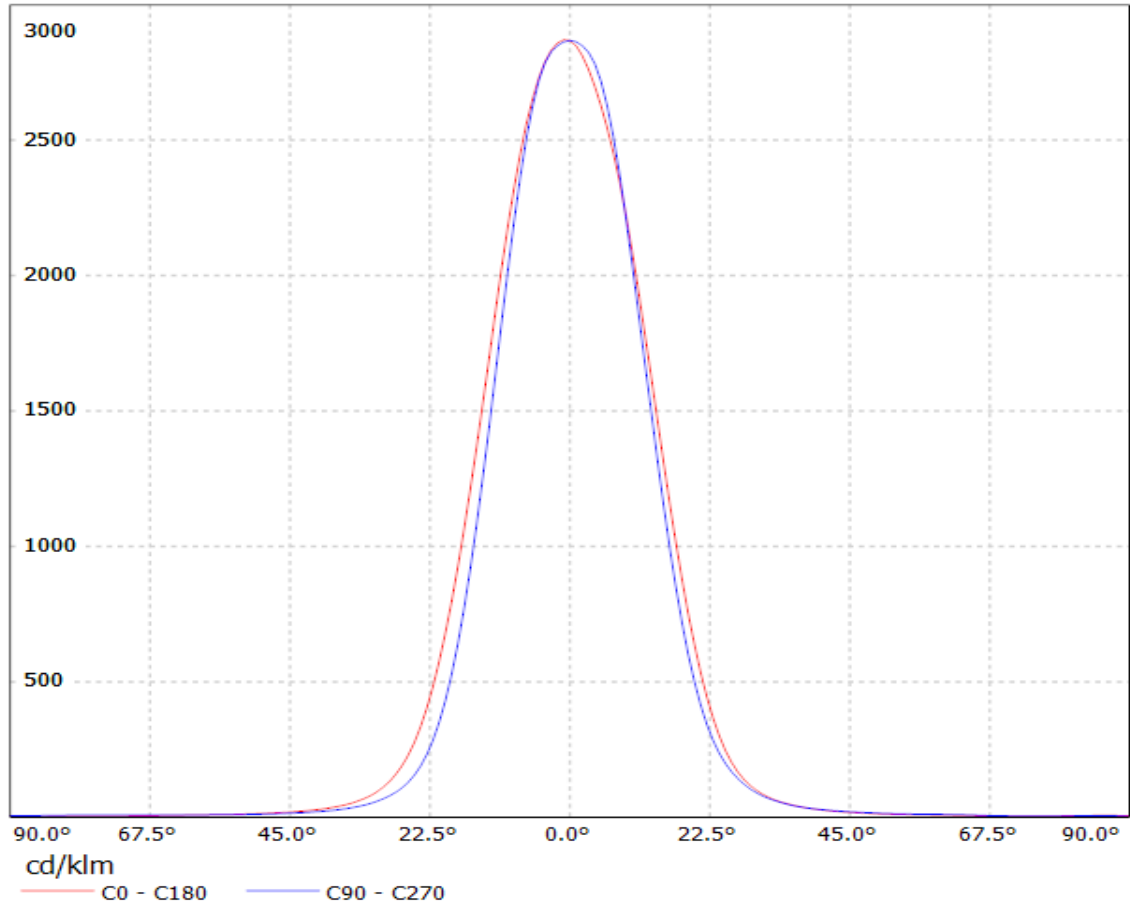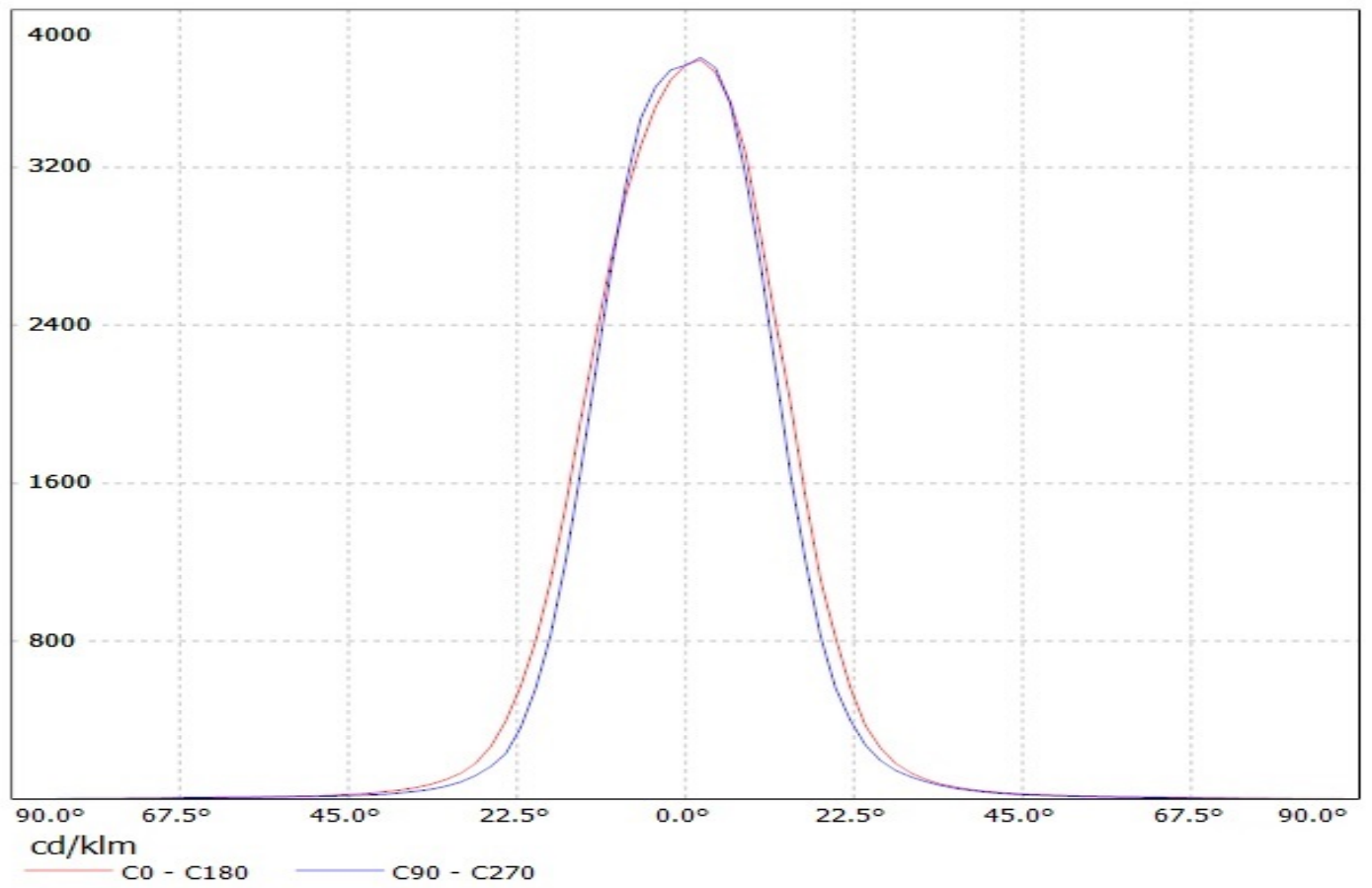| SIZE	PART NUMBER		
A4			
SCALE 2:1	WEIGHT		SHEET 1/1

Luminaire: Ledil Oy CA12070_Emily-M2-Tape-XM CA12070_Emily-M2-Tape-XM Cree XM-L (white) 97lm @ 250 mA LOR=92%
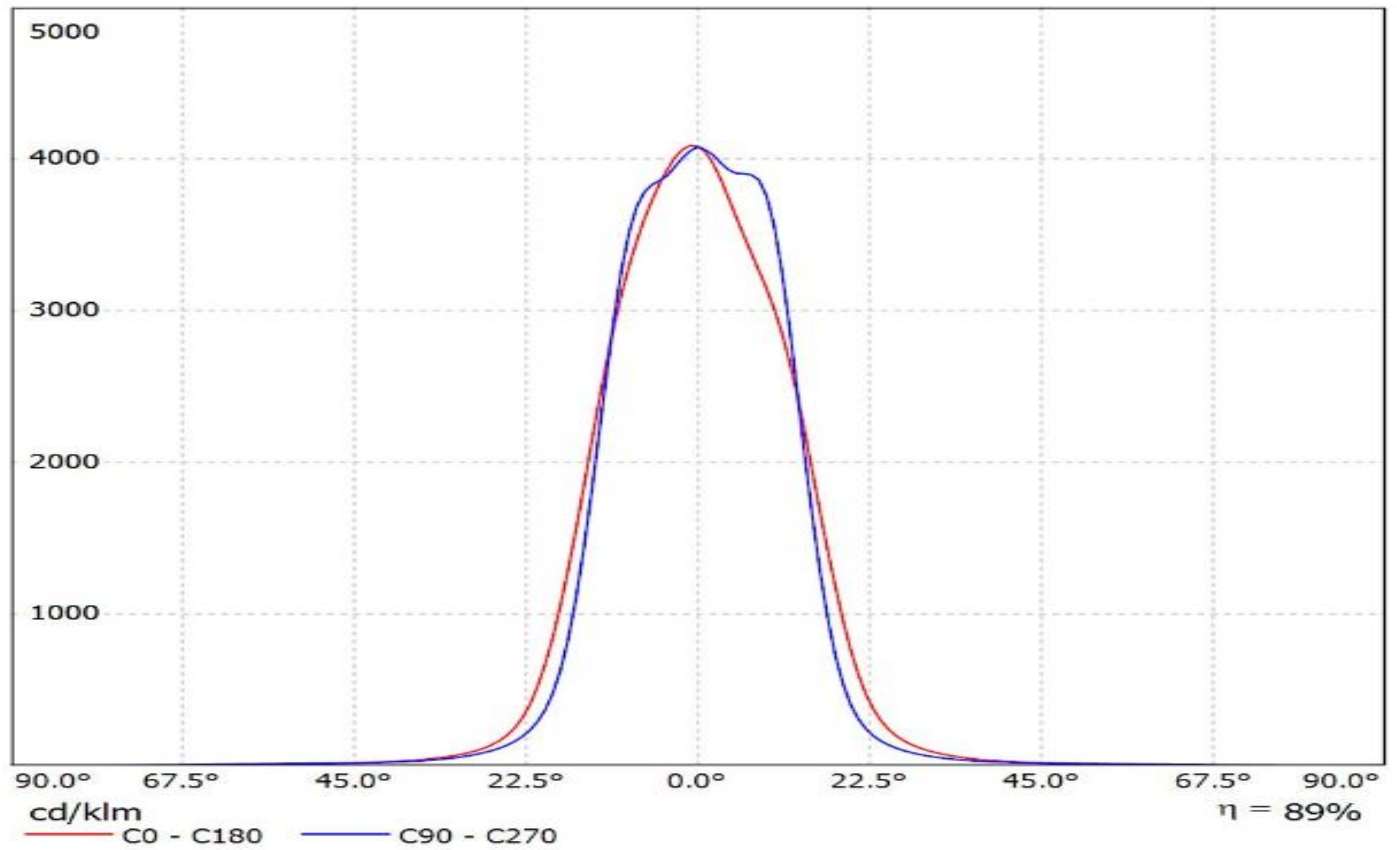Lamps: 1 x Cree XM-L (white) 97lm @ 250 mA

cd/klm

—— C0 - C180   —— C90 - C270

Luminaire: LEDil Oy CA12070_EMILY-M2_(XM-L2) Efficiency=90%
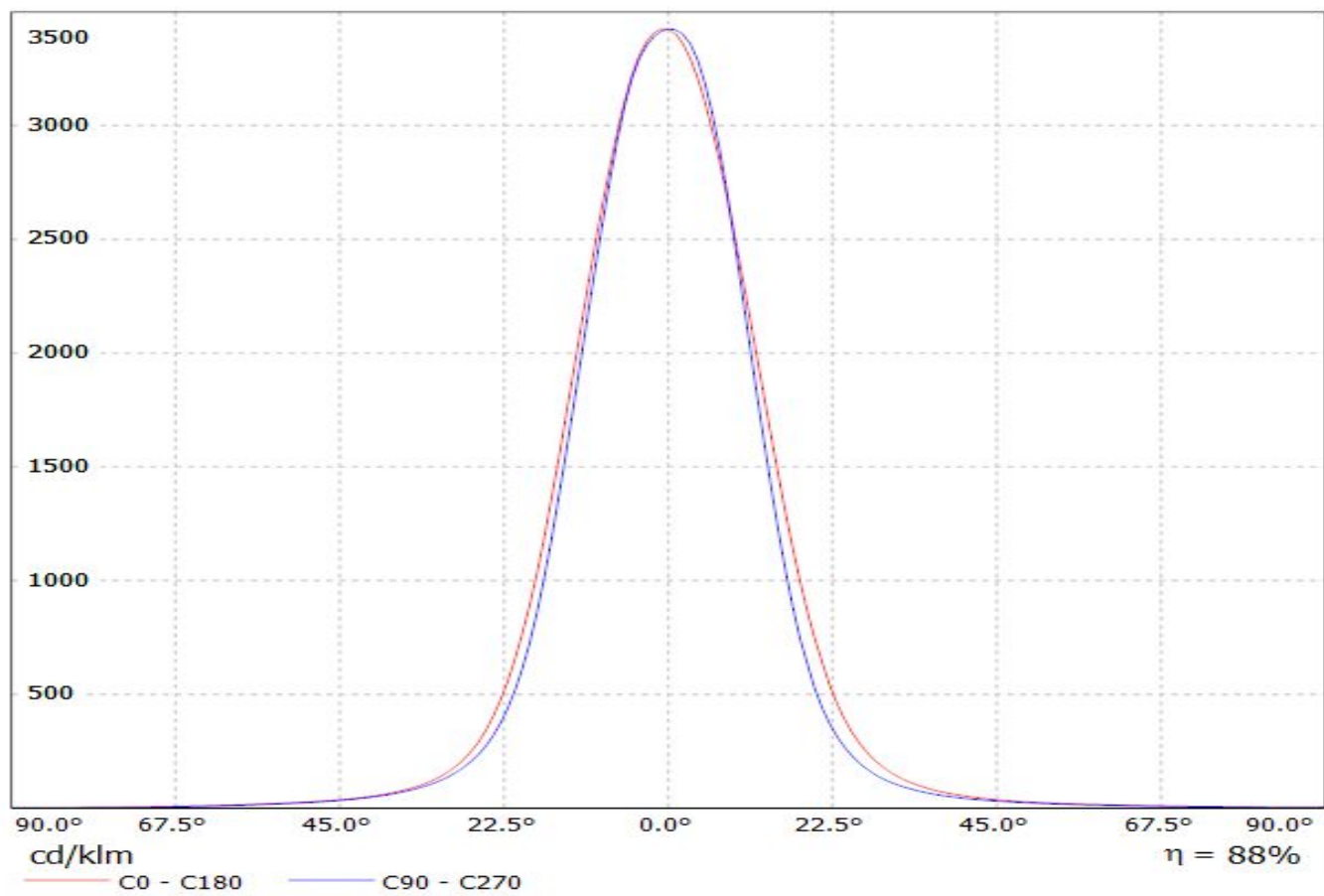Lamps: 1 x Cree XM-L2 (XMLBWT-0-7B4-T30-0L-0001) 91lm @ 250mA CCT=3200K P=0.7W I=250mA

cd/klm

—— C0 - C180   —— C90 - C270

Ledil CA12070_EMILY-M2_(XP-L_HI) / LDC (Linear)

Luminaire: Ledil CA12070_EMILY-M2_(XP-L_HI)
Lamps: 1 x CREE_XP-L_HI_116.971lm@250mA_P=0.75W_I=0.25A

η = 89%

C0 - C180
C90 - C270

Luminaire: LEDiL Oy CA12070_EMILY-M2_(NS9x383) Eff.88,5%
Lamps: 1 x Nichia NS9x383 (105lm@250mA)
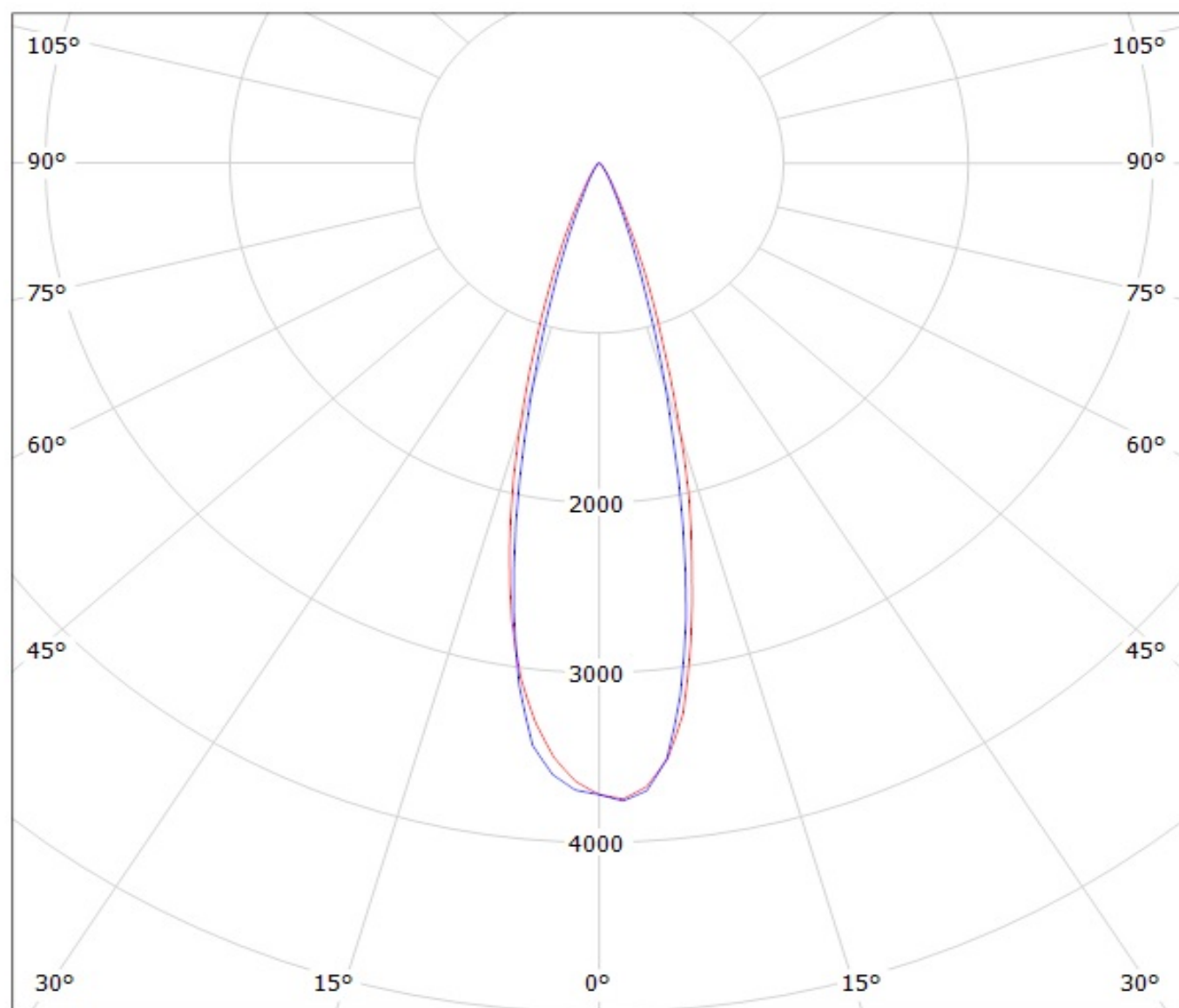

cd/klm

η = 88%

C0 - C180   C90 - C270

Luminaire: Ledil Oy CA12070_Emily-M2-Tape-XM CA12070_Emily-M2-Tape-XM Cree XM-L (white) 97lm @ 250 mA LOR=92%
Lamps: 1 x Cree XM-L (white) 97lm @ 250 mA

cd/klm

—— C0 - C180   —— C90 - C270

Luminaire: LEDil Oy CA12070_EMILY-M2_(XM-L2) Efficiency=90%
Lamps: 1 x Cree XM-L2 (XMLBWT-0-7B4-T30-0L-0001) 91lm @ 250mA CCT=3200K P=0.7W I=250mA
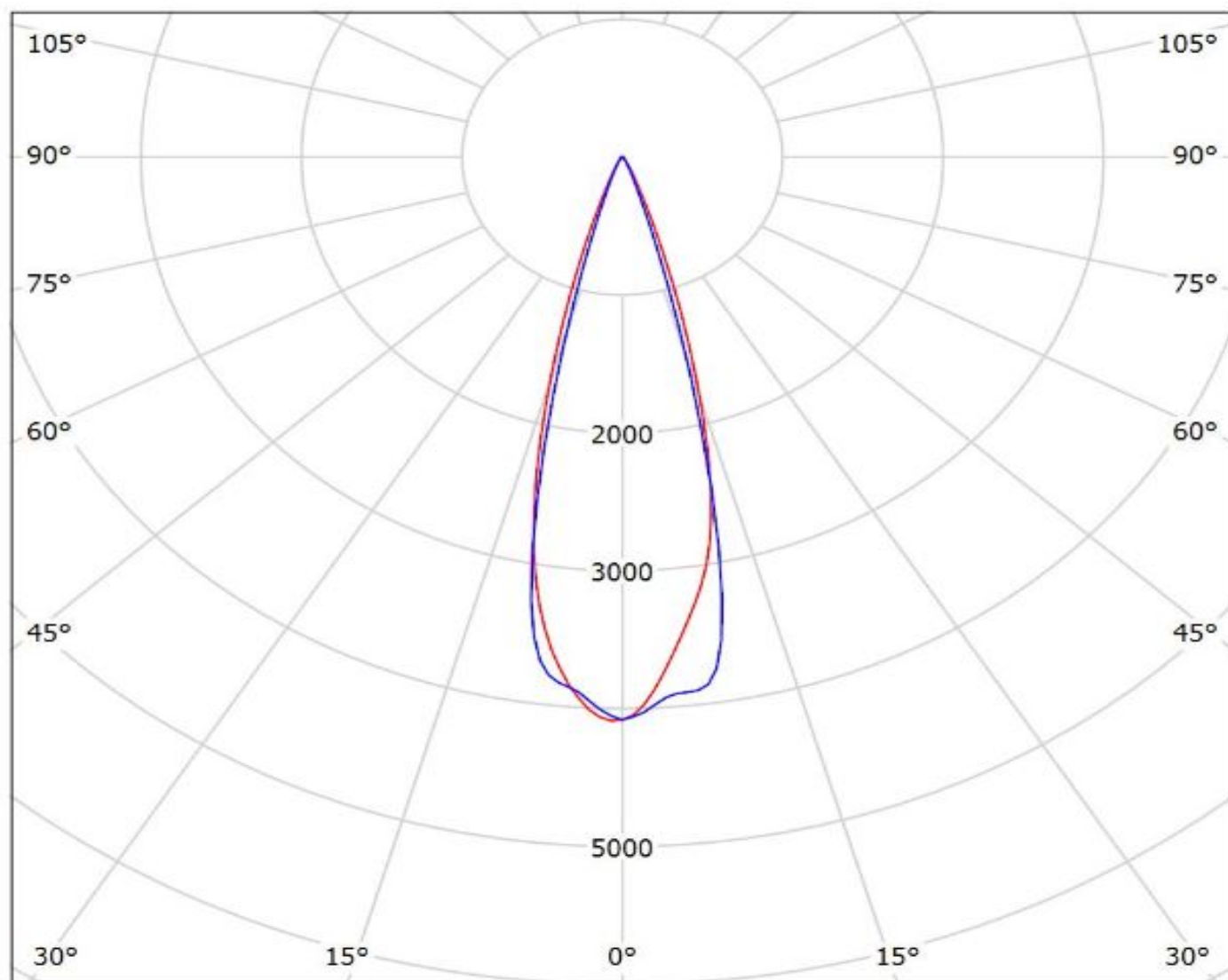

cd/klm

| | C0 - C180 | | C90 - C270 |

Luminaire: Ledil CA12070_EMILY-M2_(XP-L_HI)
Lamps: 1 x CREE_XP-L_HI_116.971lm@250mA_P=0.75W_I=0.25A

cd/klm η = 89%

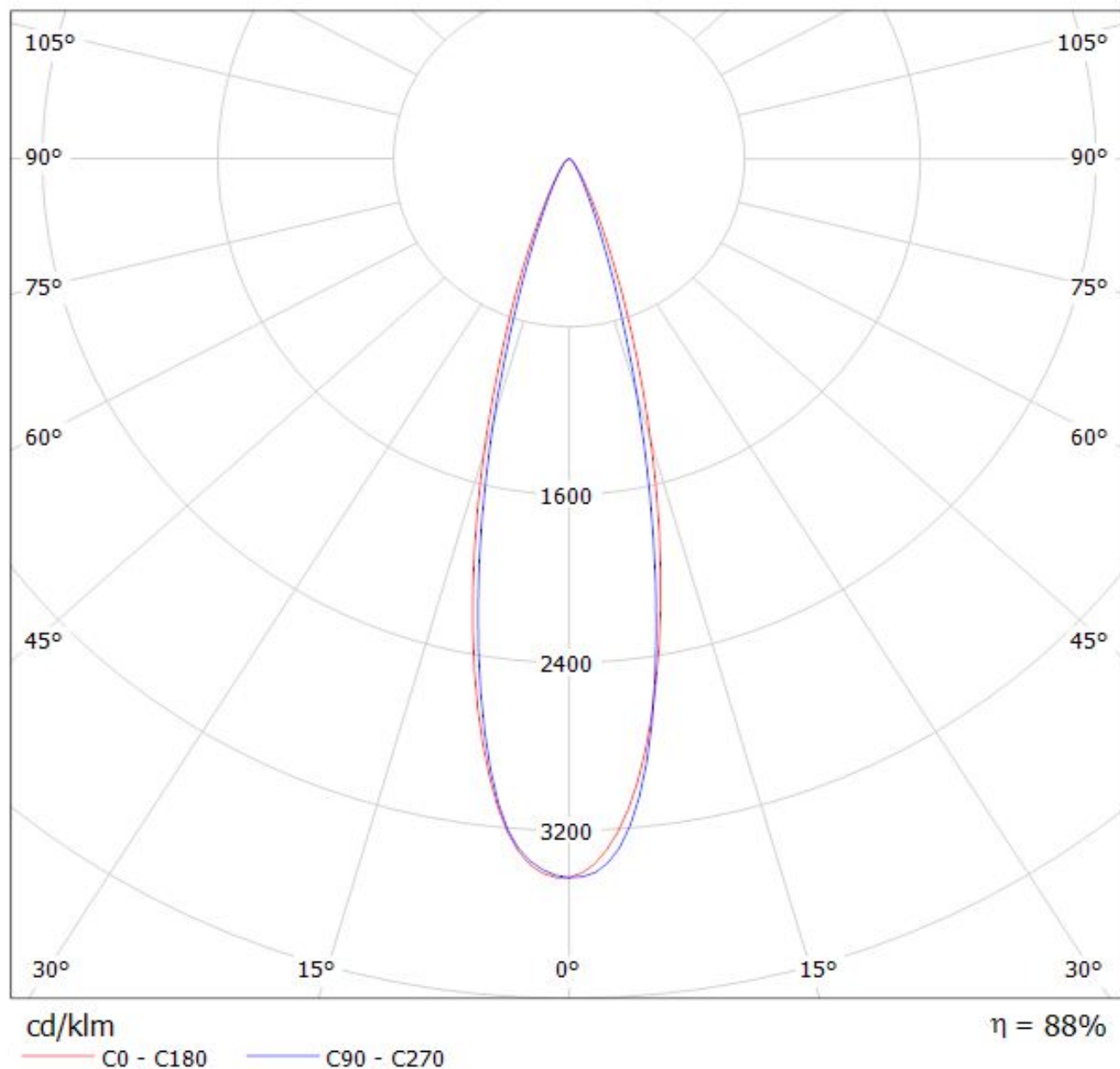—— C0 - C180   —— C90 - C270

Luminaire: LEDiL Oy CA12070_EMILY-M2_(NS9x383) Eff.88,5%
Lamps: 1 x Nichia NS9x383 (105lm@250mA)

cd/klm

η = 88%

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.