PRODUCT DATASHEET
Lucia series
last update 11/11/2015

DETAILS

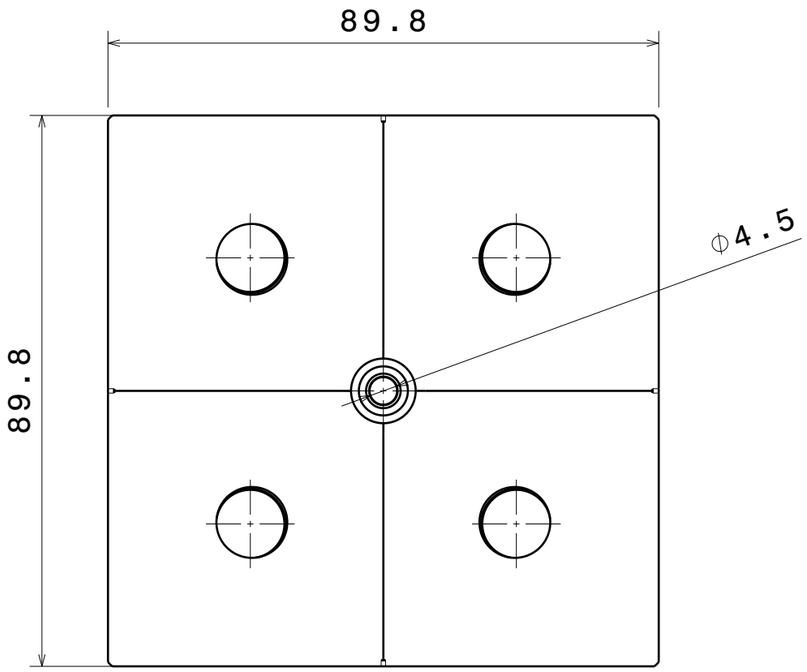
Product Number	C14678_LUCIA-S
Family	Lucia
Type	Lens
Color	clear
Diameter	89,8 mm
Height	34,68 mm
Style	square
Optic Material	PMMA
Holder Material	
Fastening	screw, pin
Status	production ready
ROHS Comliant	Yes
Date Updated	11/11/2015

OPTICAL PROPERTIES

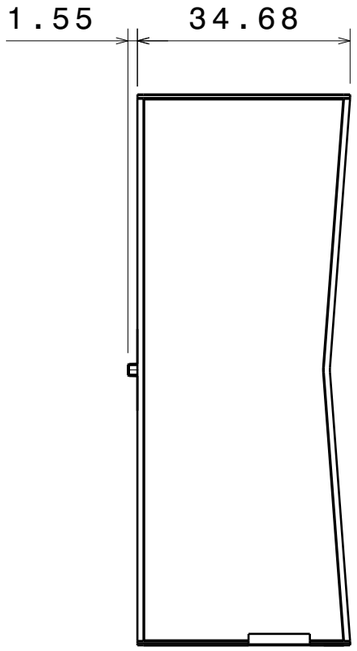
LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
XHP50	sim: 13	Spot	sim: 94 %	sim: 14.170	-
XHP70	sim: 18	Spot	sim: 91 %	sim: 8.220	-
XP-E2	sim: 7	Spot	sim: 96 %	sim: 41.668	-
XM-L RGB	13 deg	Spot	93 %	13.360	-
XP-L	10 deg	Spot	94 %	21.200	-
XHP35 HI	sim: 8,4	Spot	sim: 96 %	sim: 30.800	-
LUXEON M/MX	sim: 14	Spot	sim: 93 %	sim: 12.610	-
LUXEON MZ	sim: 10	Spot	sim: 95 %	sim: 23.730	-
Duris P10	sim: 13	Spot	sim: 94 %	sim: 15.000	-
Duris S10	sim: 13	Spot	sim: 94 %	sim: 12.900	-

Ledil Oy
Salorankatu 10
24240 SALO, Finland

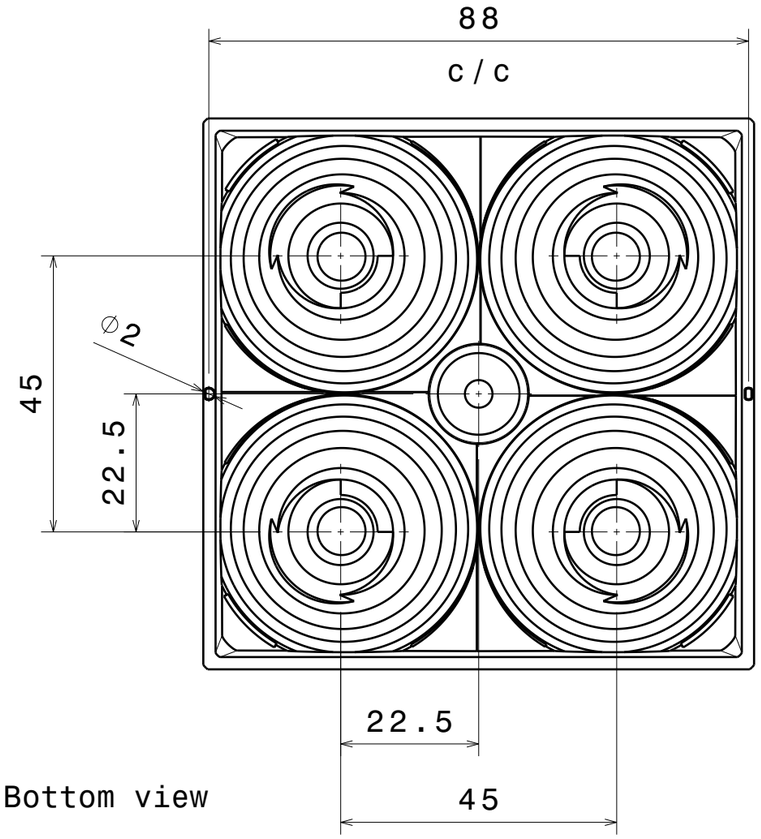
http://www.ledil.com
email: ledil@ledil.com
FAX: +358-2-733 8001



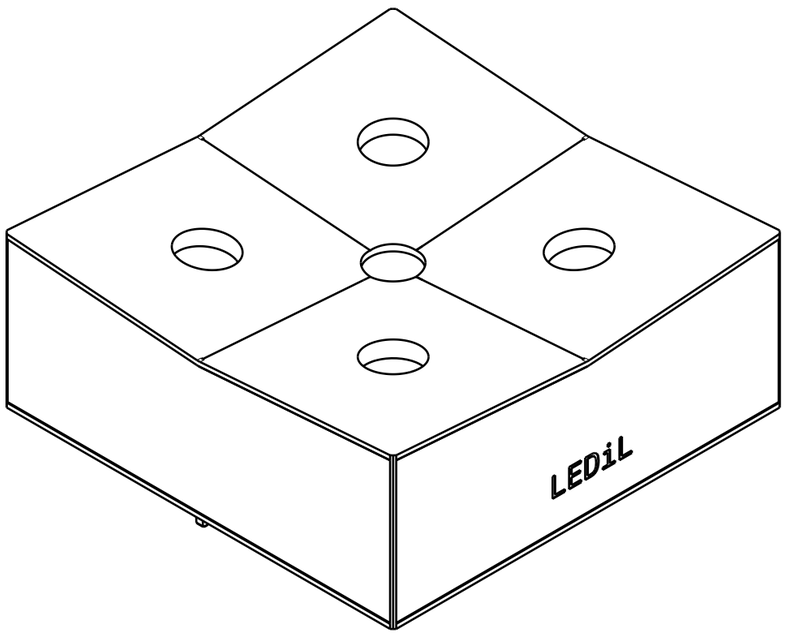
Top view



Side view



Bottom view



Isometric view

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14678	LUCIA-S	PMMA	

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

THIRD ANGLE PROJECTION:

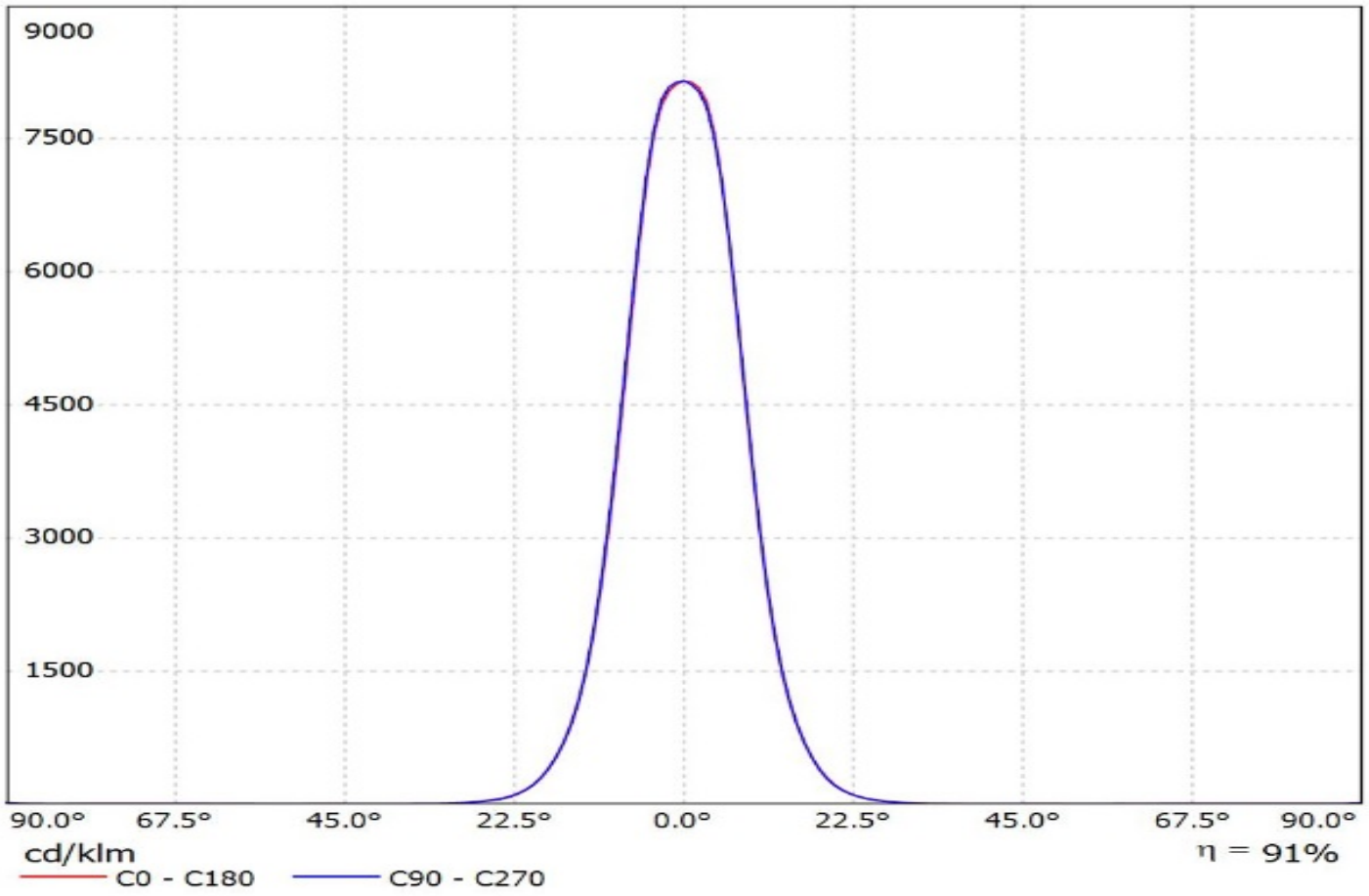
LEDiL
Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE
C14678_LUCIA-S

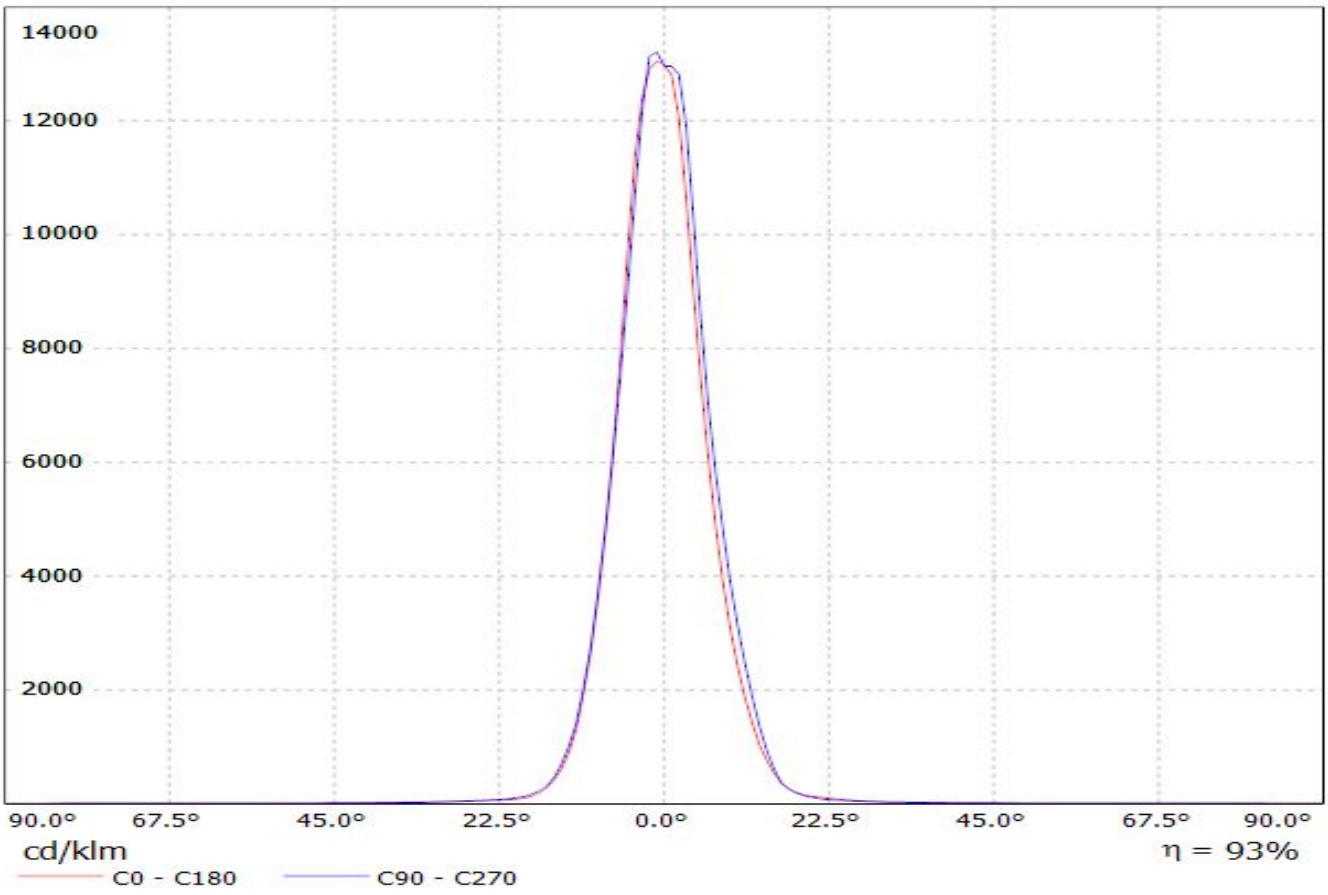
SIZE	PART NUMBER
A3	C14678

SCALE	WEIGHT		SHEET
1:1	150,62 g		1/1

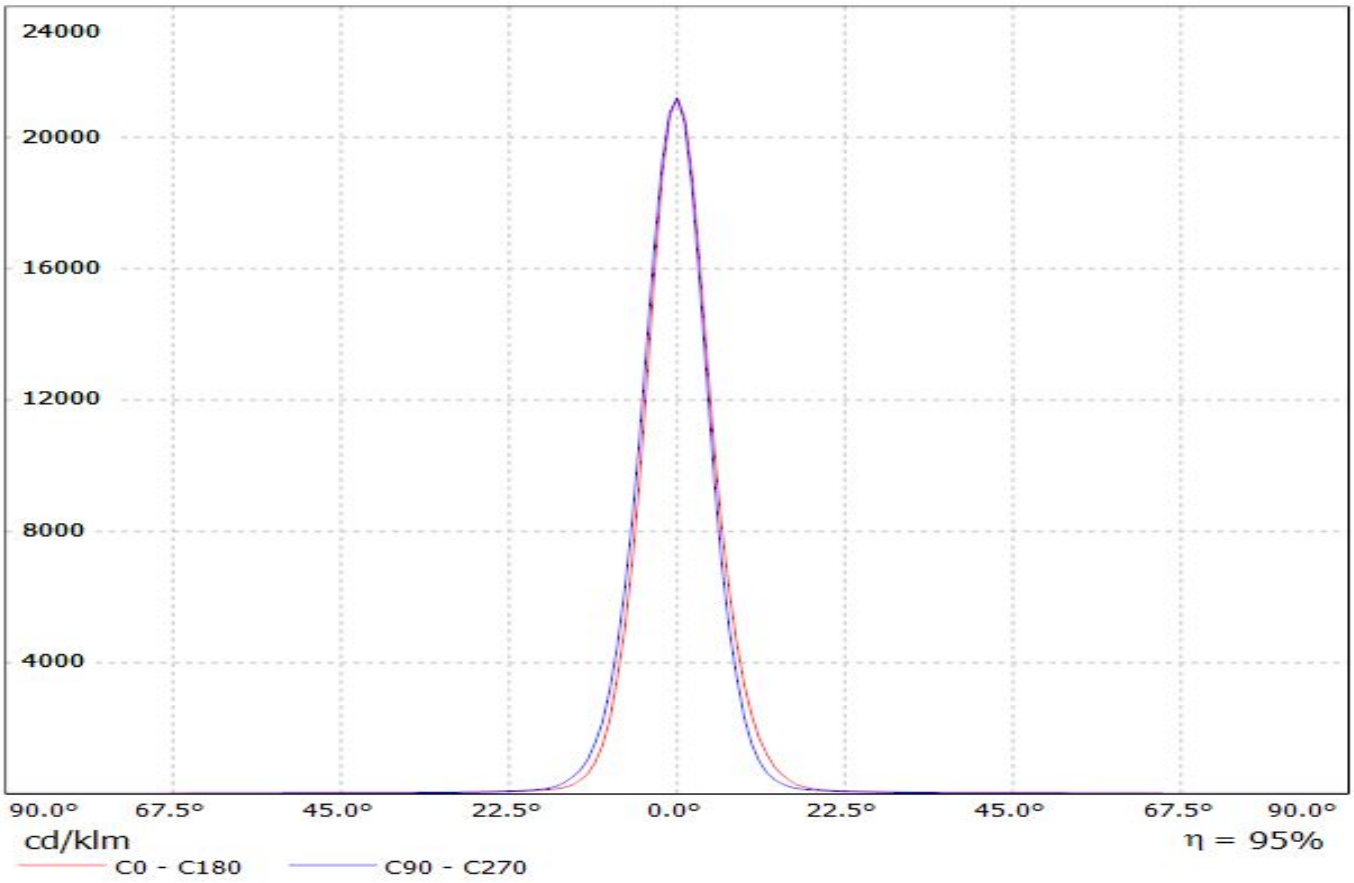
Luminaire: Ledil Oy C14678_LUCIA-S_(XHP70)_SIMULATED
Lamps: 1 x Cree XHP70



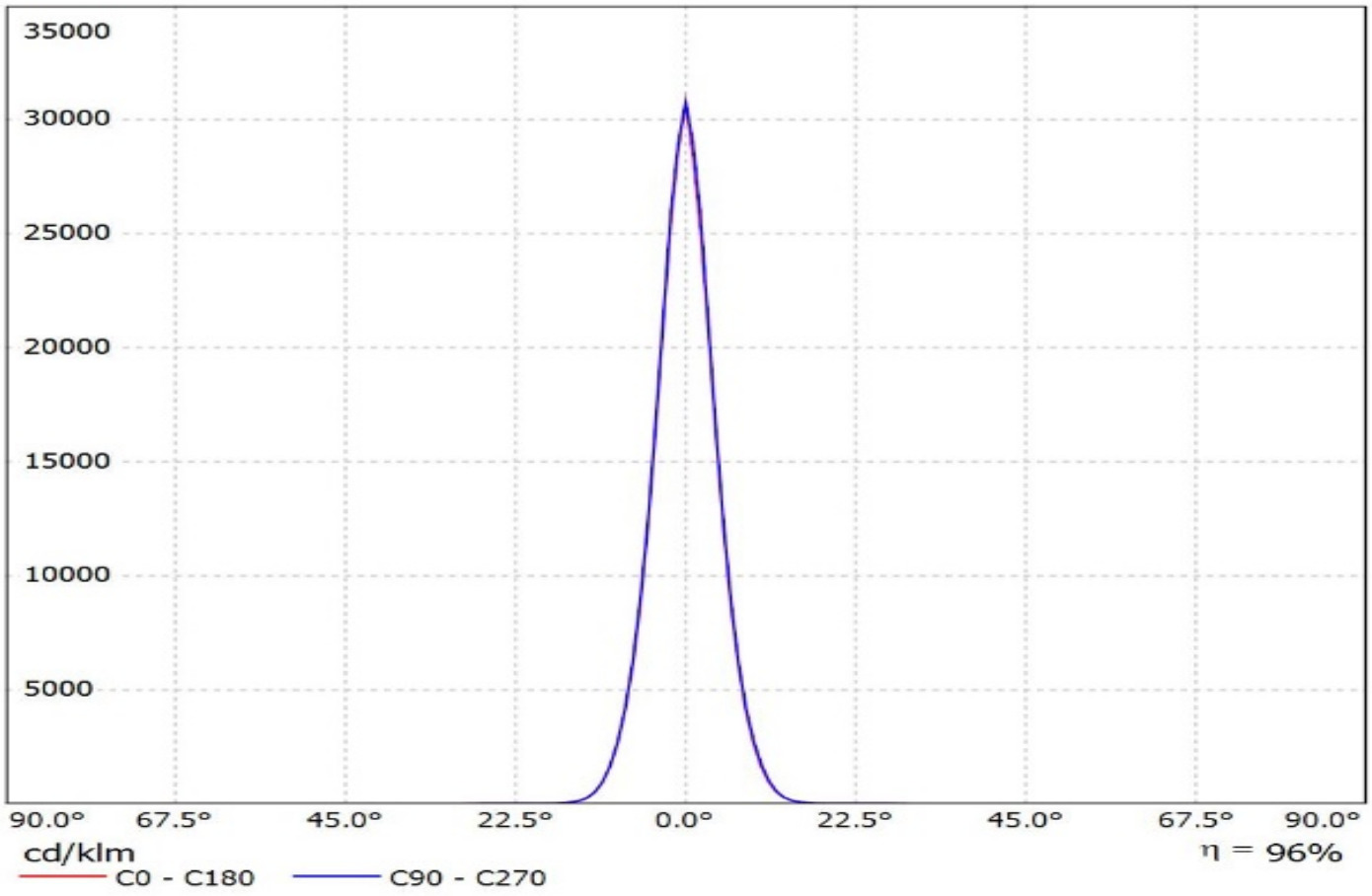
Luminaire: LEDiL Oy C14678_LUCIA-S_(XM-L_RGBW)
Lamps: 1 x Cree_XM-L_RGBW_(XMLCTW-A0-0000-00C3AAAA1)_805.52lm@250mA_P=10.5865W_I=0.250A



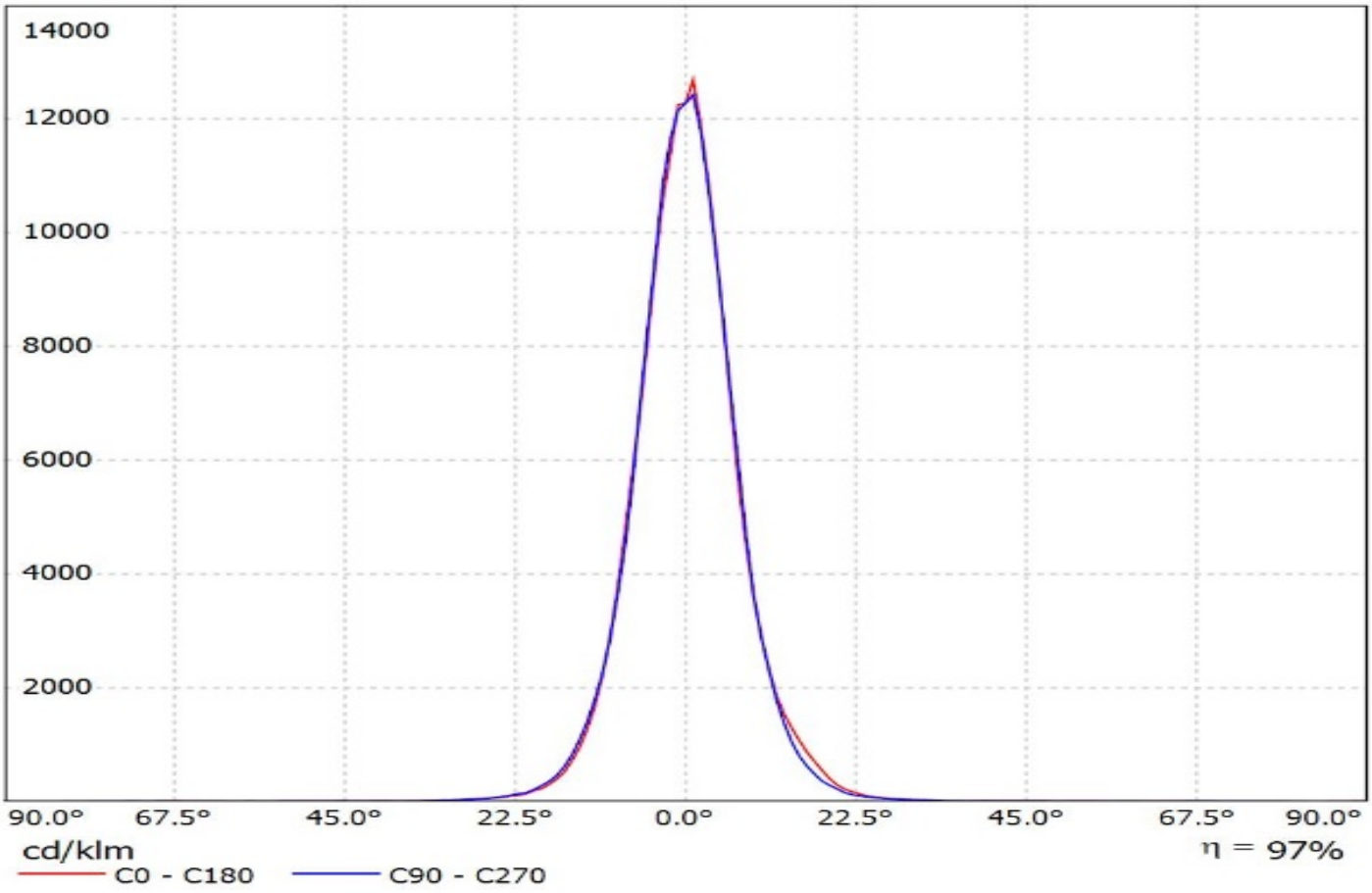
Luminaire: LEDiL Oy C14678_LUCIA-S_(XP-L)
Lamps: 1 x Cree_XP-L_LUCIA_(XPLAWT-0-7134-U50-0H-0001)_413.329lm@250mA_P=2.8055W_I=0.250A



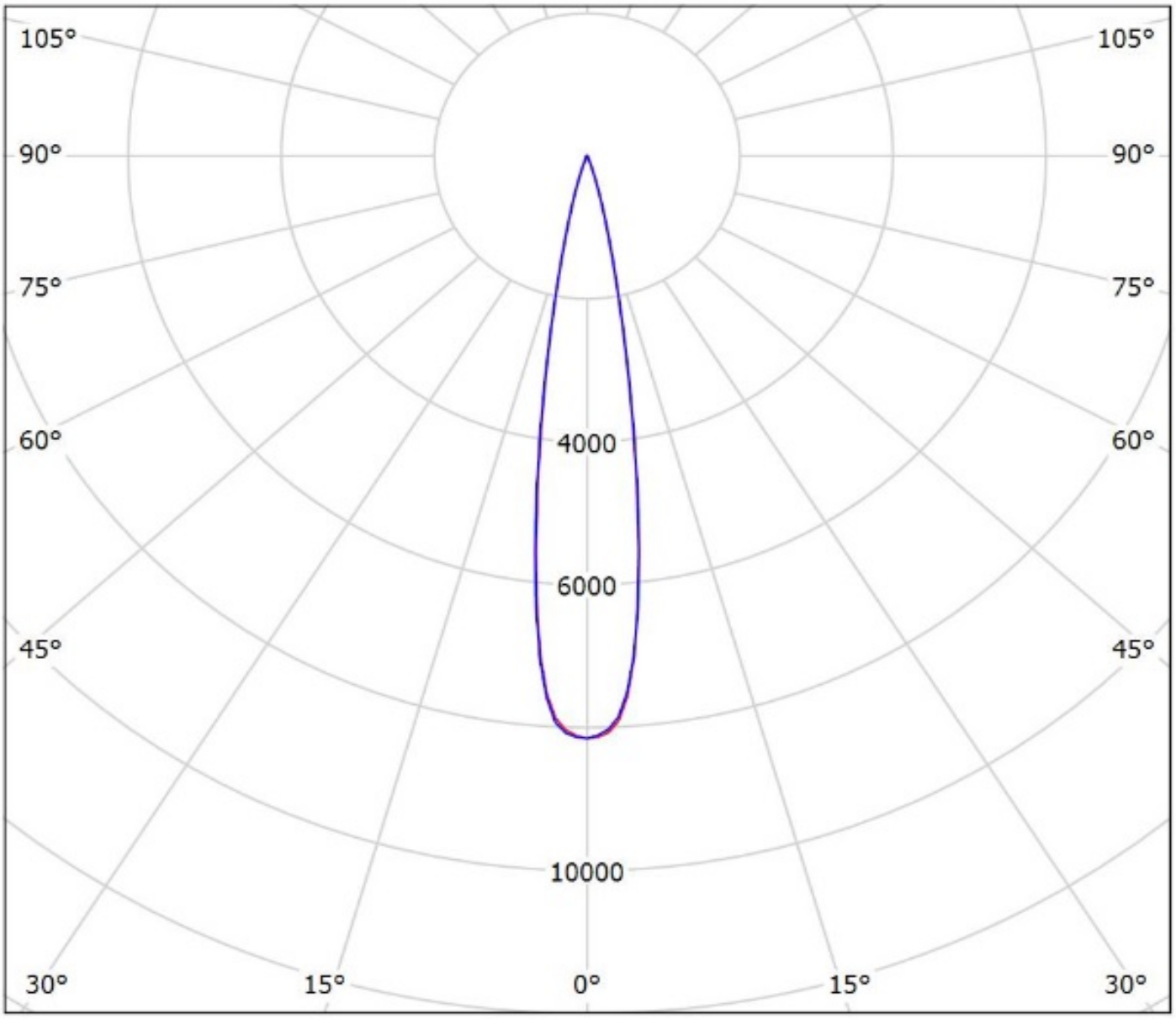
Luminaire: Ledil Oy C14678_LUCIA-S_(XHP35_HI)_SIMULATED
Lamps: 1 x Cree XHP35 HI



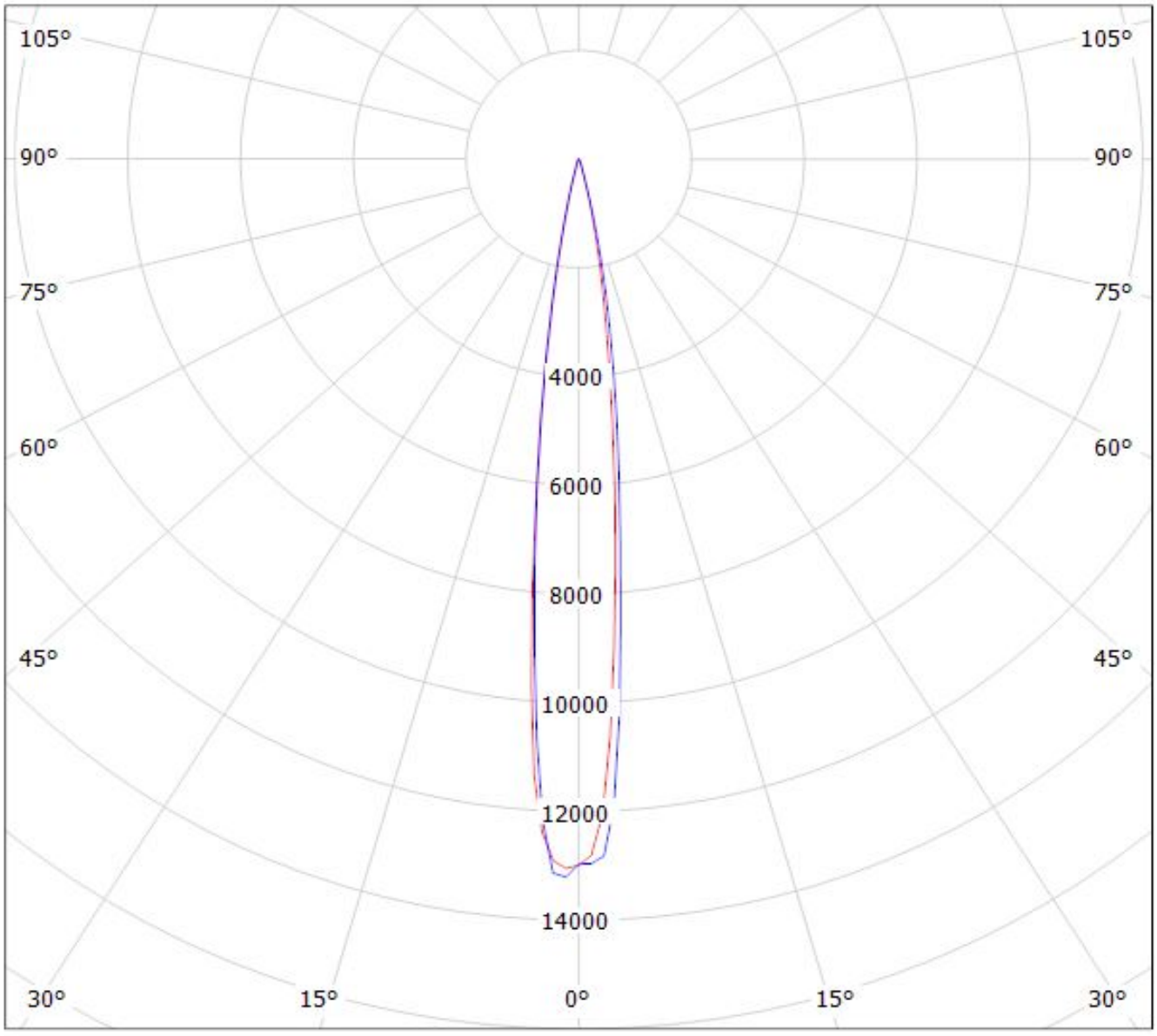
Luminaire: Ledil Oy C14678_LUCIA-S_(Duris_S10)_SIMULATED
Lamps: 1 x Osram Duris S10 (GW P7LM32.EM)



Luminaire: Ledil Oy C14678_LUCIA-S_(XHP70)_SIMULATED
Lamps: 1 x Cree XHP70



Luminaire: LEDiL Oy C14678_LUCIA-S_(XM-L_RGBW)
Lamps: 1 x Cree_XM-L_RGBW_(XMLCTW-A0-0000-00C3AAAA1)_805.52lm@250mA_P=10.5865W_I=0.250A

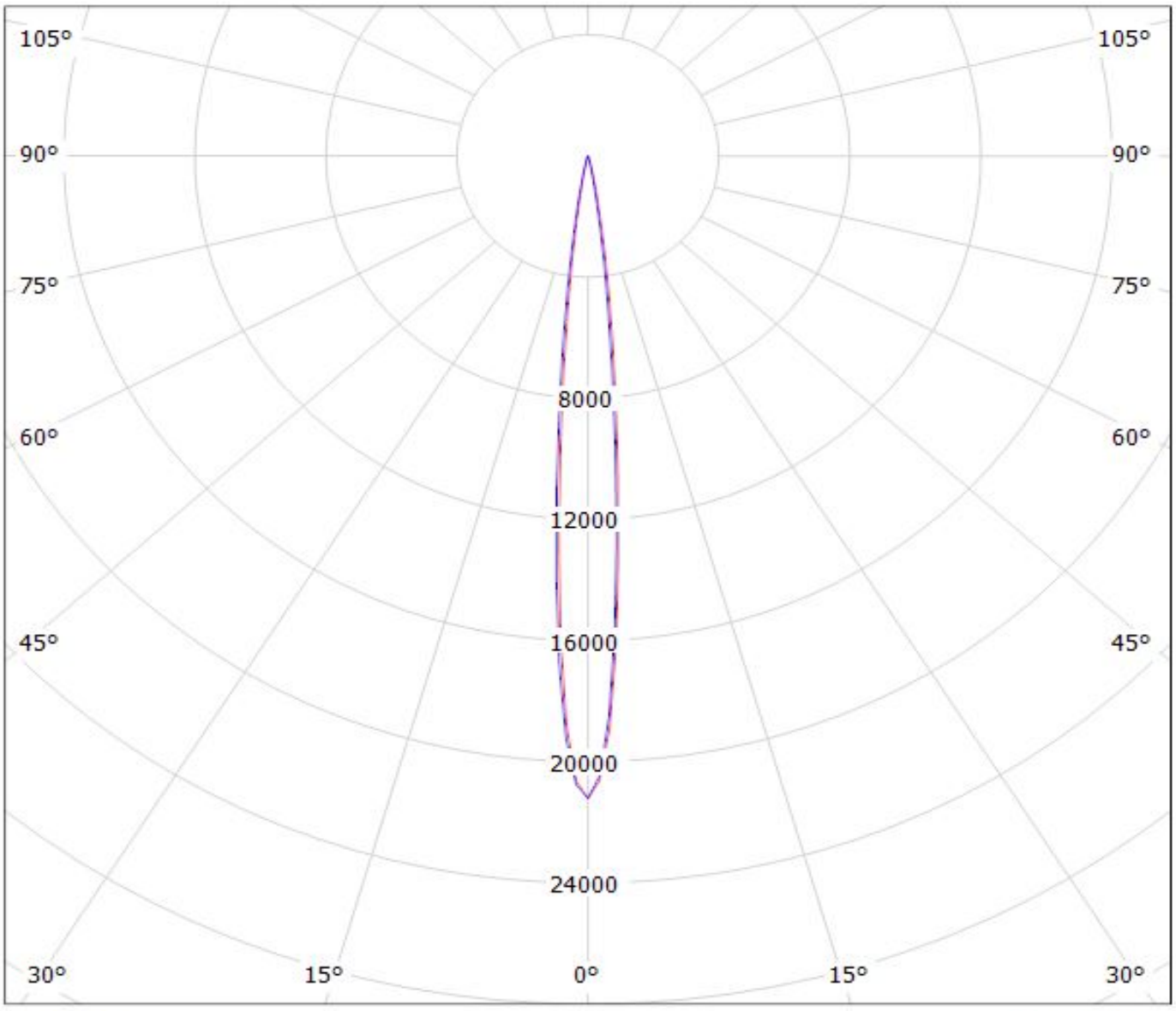


cd/klm

η = 93%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy C14678_LUCIA-S_(XP-L)
Lamps: 1 x Cree_XP-L_LUCIA_(XPLAWT-0-7134-U50-0H-0001)_413.329lm@250mA_P=2.8055W_I=0.250A

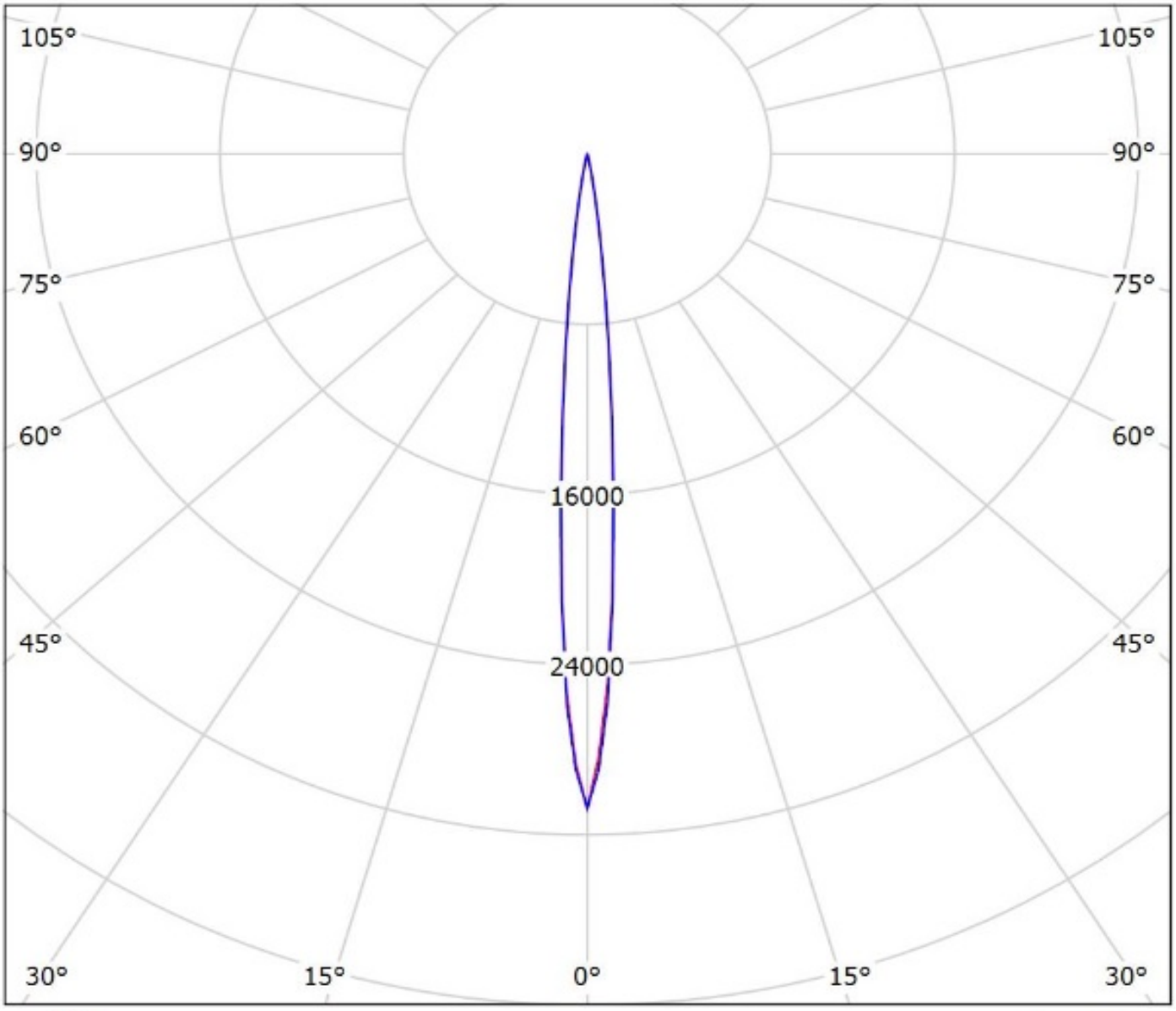


cd/klm

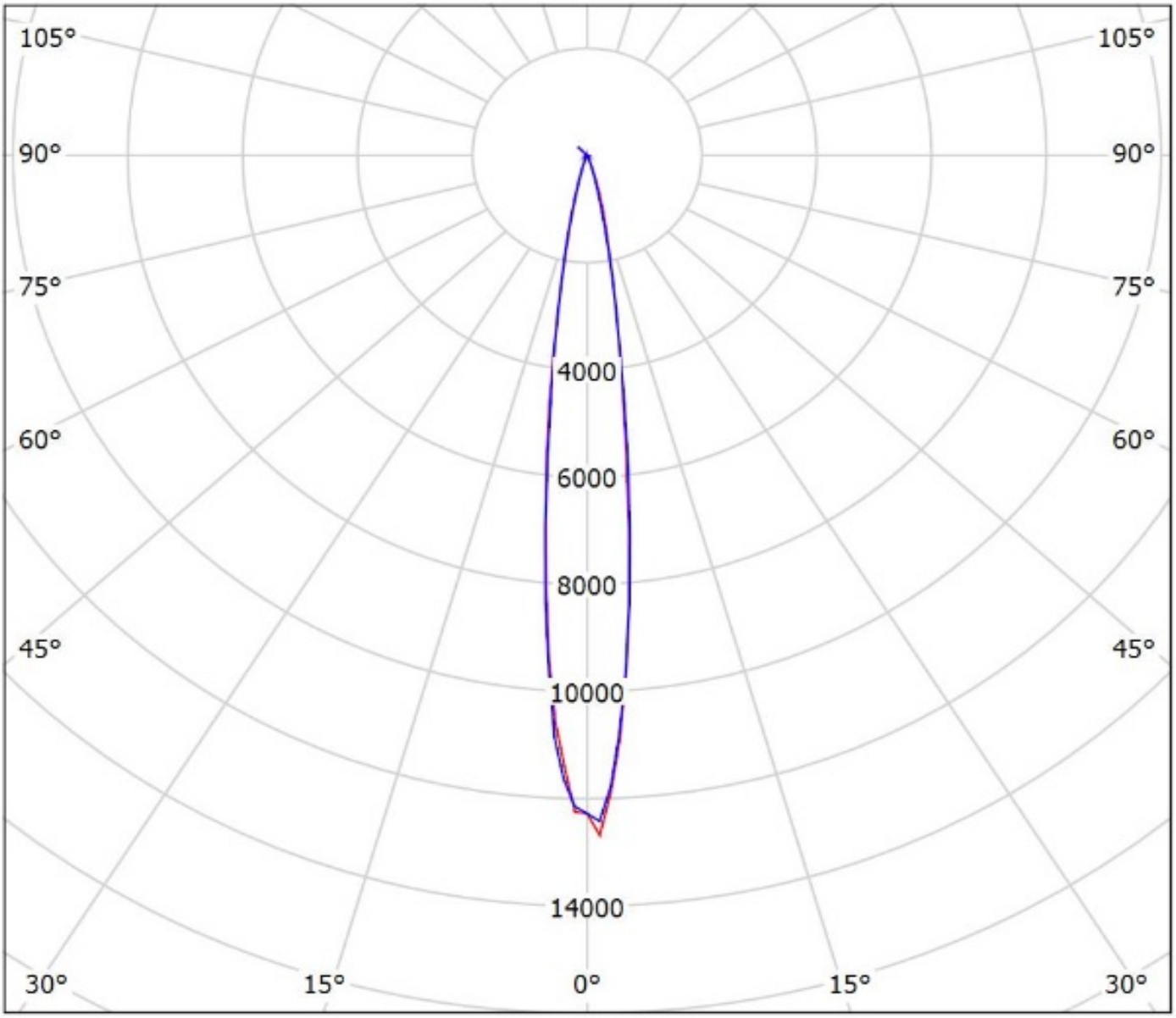
η = 95%

C0 - C180 C90 - C270

Luminaire: Ledil Oy C14678_LUCIA-S_(XHP35_HI)_SIMULATED
Lamps: 1 x Cree XHP35 HI



Luminaire: Ledil Oy C14678_LUCIA-S_(Duris_S10)_SIMULATED
Lamps: 1 x Osram Duris S10 (GW P7LM32.EM)



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.