

## DETAILS

<b>Product Number</b>	C12607_VIRPI-S
<b>Family</b>	Virpi
<b>Type</b>	Lens array
<b>Color</b>	clear
<b>Diameter</b>	74,9 x 74,9 mm
<b>Height</b>	9,5 mm
<b>Style</b>	square
<b>Optic Material</b>	PMMA
<b>Holder Material</b>	
<b>Fastening</b>	glue, pin
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	2/03/2017

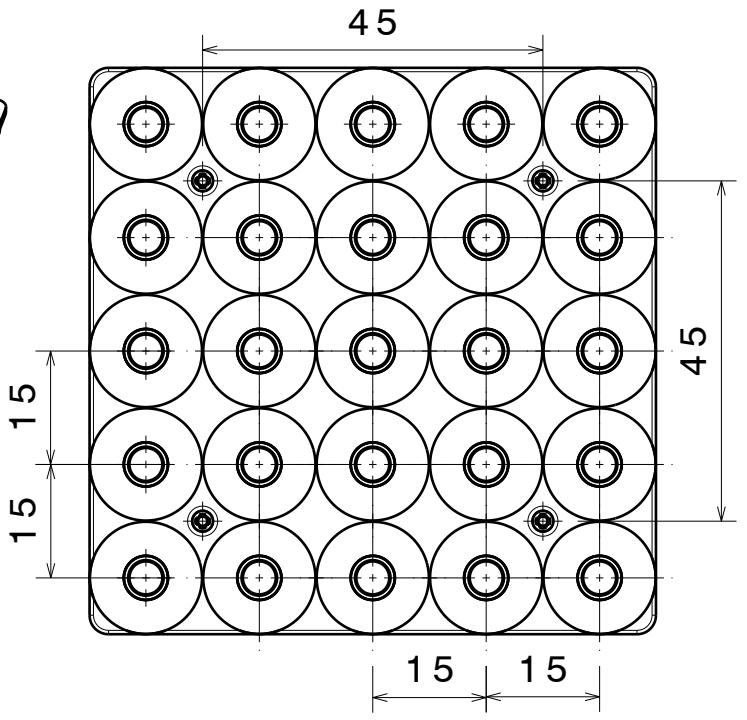
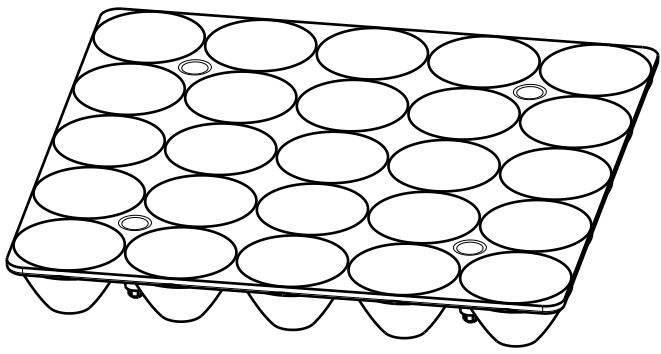


## OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
XP-G	16 deg	Spot	94 %	6.470	-
XT-E	15 deg	Spot	94 %	7.160	-
XB-D	13 deg	Spot	92 %	9.230	-
XP-E2	11 deg	Spot	95 %	12.200	-
XP-G2	16 deg	Spot	94 %	7.300	-
LUXEON Rebel ES	16 deg	Spot	94 %	6.820	-
LUXEON T	sim: 16	Spot	sim: 93 %	sim: 8.530	-
LUXEON TX	sim: 15	Spot	sim: 91 %	sim: 10.100-	-
LUXEON C	sim: 11	Spot	sim: 86 %	sim: 14.500-	-
LUXEON SunPlus 20 Line	sim: 13	Spot	sim: 88 %	sim: 15.200-	-
LUXEON SunPlus 35 Line	sim: 12	Spot	sim: 94 %	sim: 16.000-	-
NVSxx19A	16 deg	Spot	93 %	6.880	-
NVSxx19B/NVSxx19C	sim: 18	Spot	sim: 94 %	sim: 7.270	-
Oslon Square EC	15 deg	Spot	94 %	8.620	-

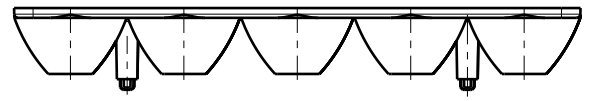
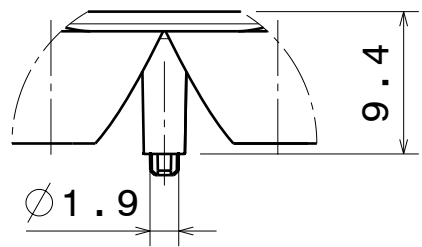
D C B A

4



4

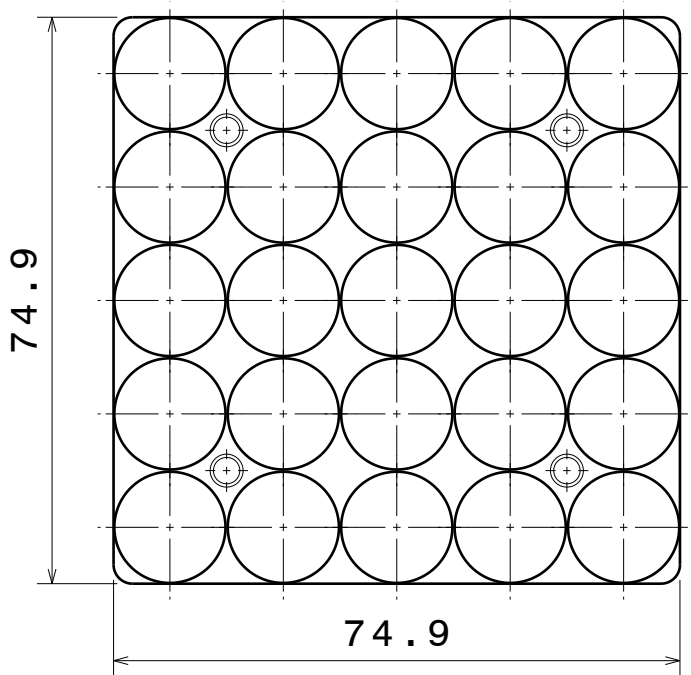
3



3

Detail A  
Scale: 2:1

2



2

Material:  
- 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

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Ledil Oy  
Salorankatu 10  
FIN 24240 SALO  
Finland

DRAWING TITLE

Datasheet Virpi series

1

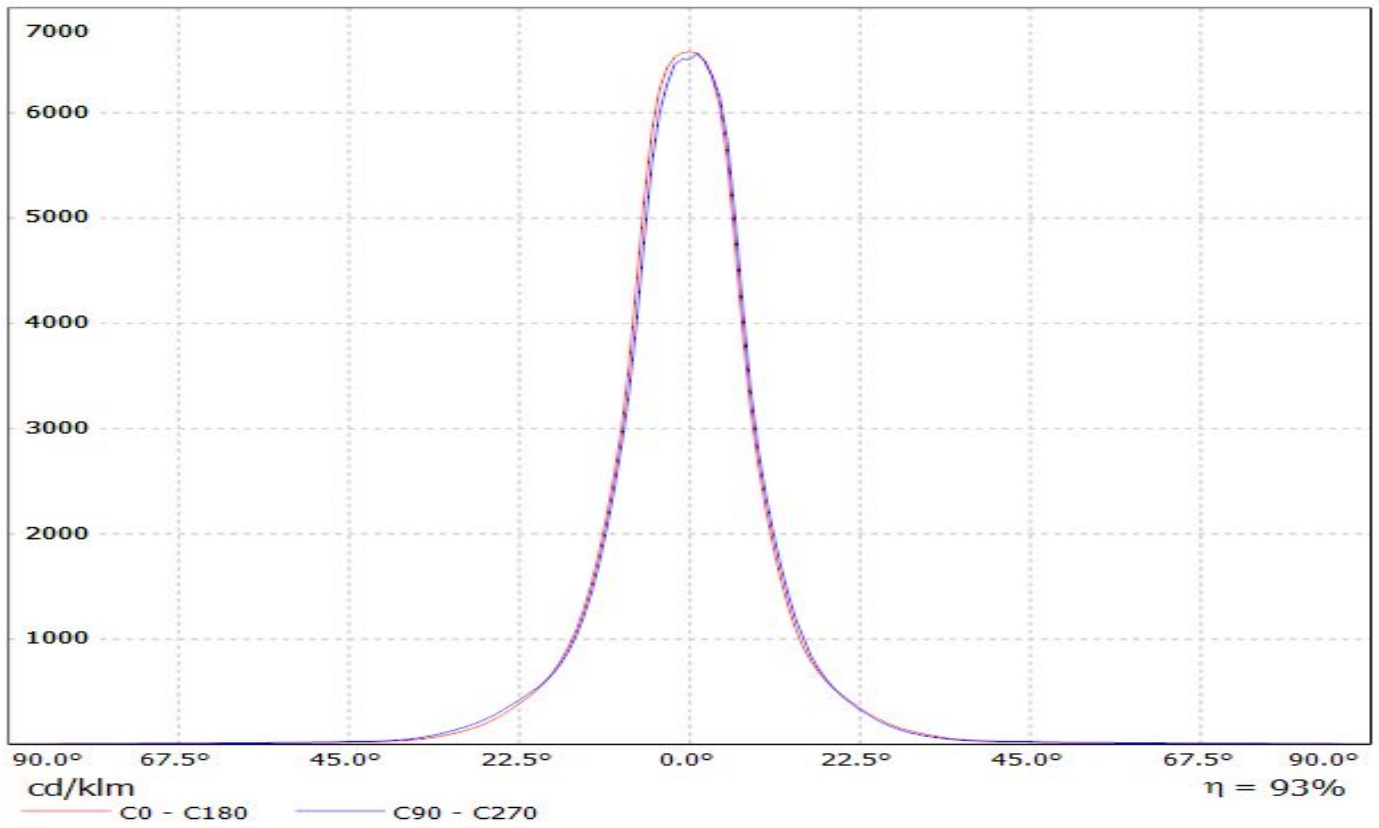
DRAWN BY pl	DATE 20.02.2012	DRAWING TITLE Datasheet Virpi series		
CHECKED BY	DATE	SIZE A4	DRAWING NUMBER -	REV 1
DESIGNED BY PL	DATE 03.02.2012	SCALE 1:1	WEIGHT (g)	SHEET 1/1

1

D A

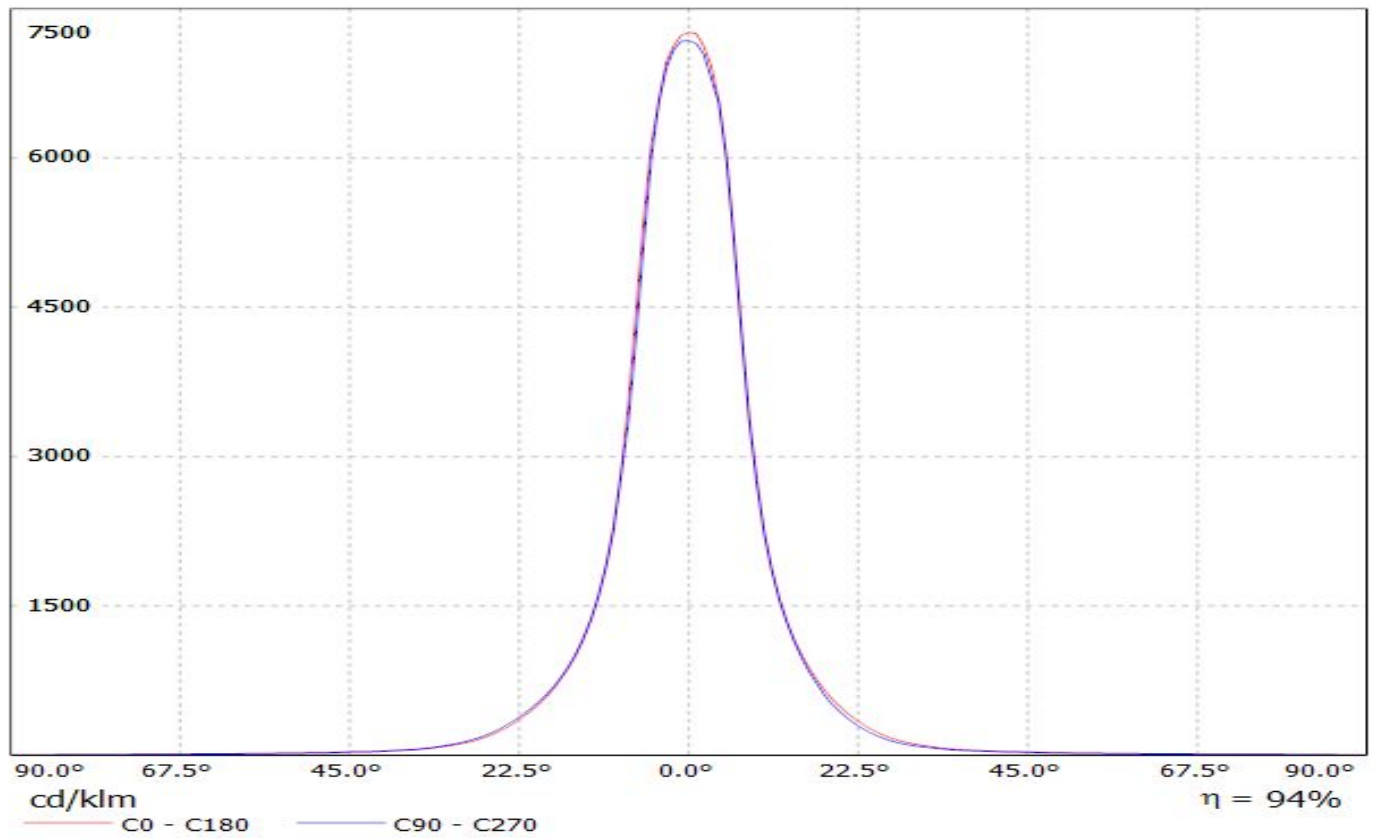
# LEDiL Oy C12607\_VIRPI-S\_(XP-G) / LDC (Linear)

Luminaire: LEDiL Oy C12607\_VIRPI-S\_(XP-G)  
Lamps: 1 x XP-G\_5x5 (1570lm@250mA)



# LEDiL Oy C12607\_VIRPI-S\_(XT-E) Eff.94.2% / LDC (Linear)

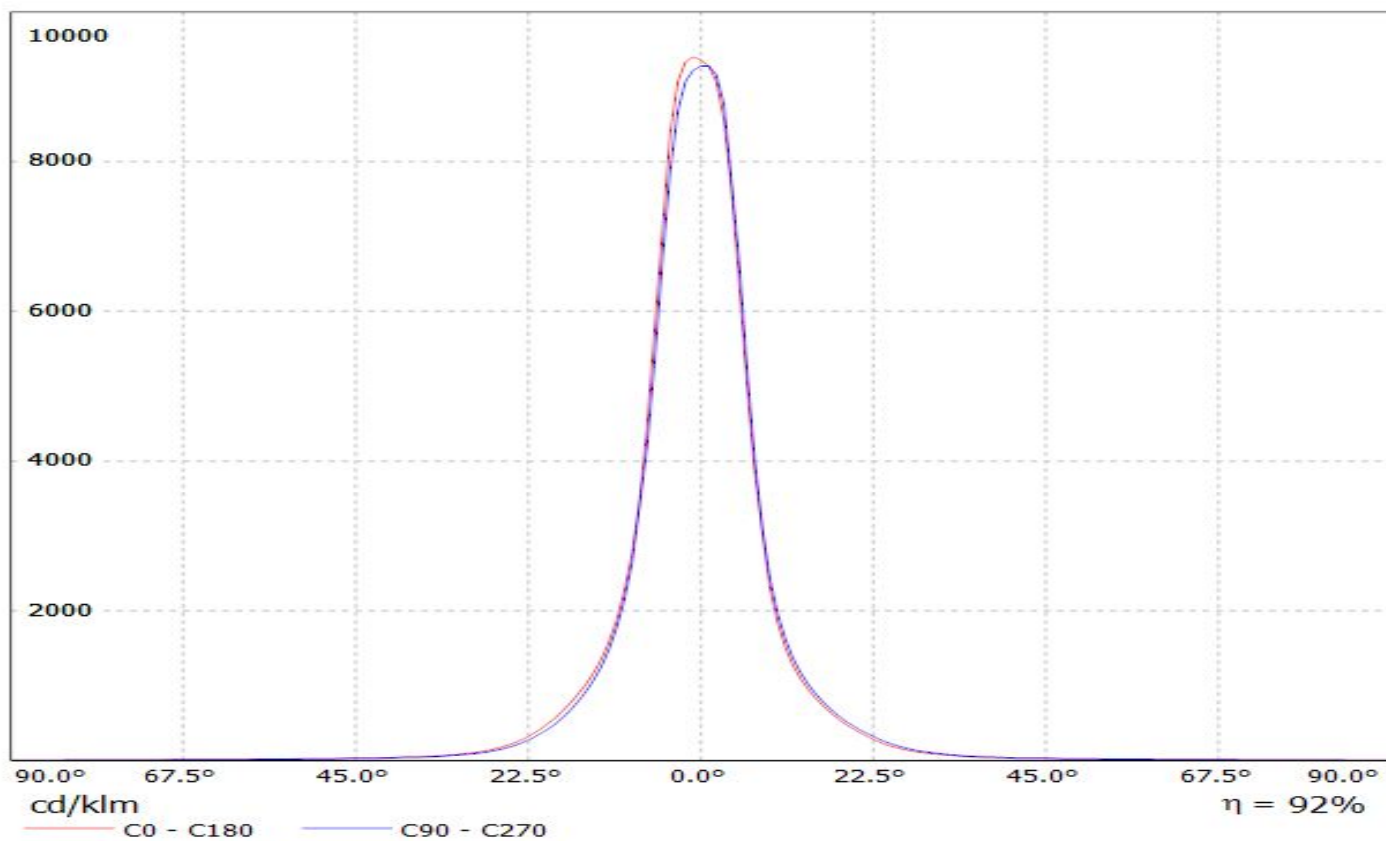
Luminaire: LEDiL Oy C12607\_VIRPI-S\_(XT-E) Eff.94.2%  
Lamps: 1 x XT-E\_5x5 (2100lm@250mA)



# LEDiL Oy C12607\_VIRPI-S\_(XB-D) Eff.92.3% / LDC (Linear)

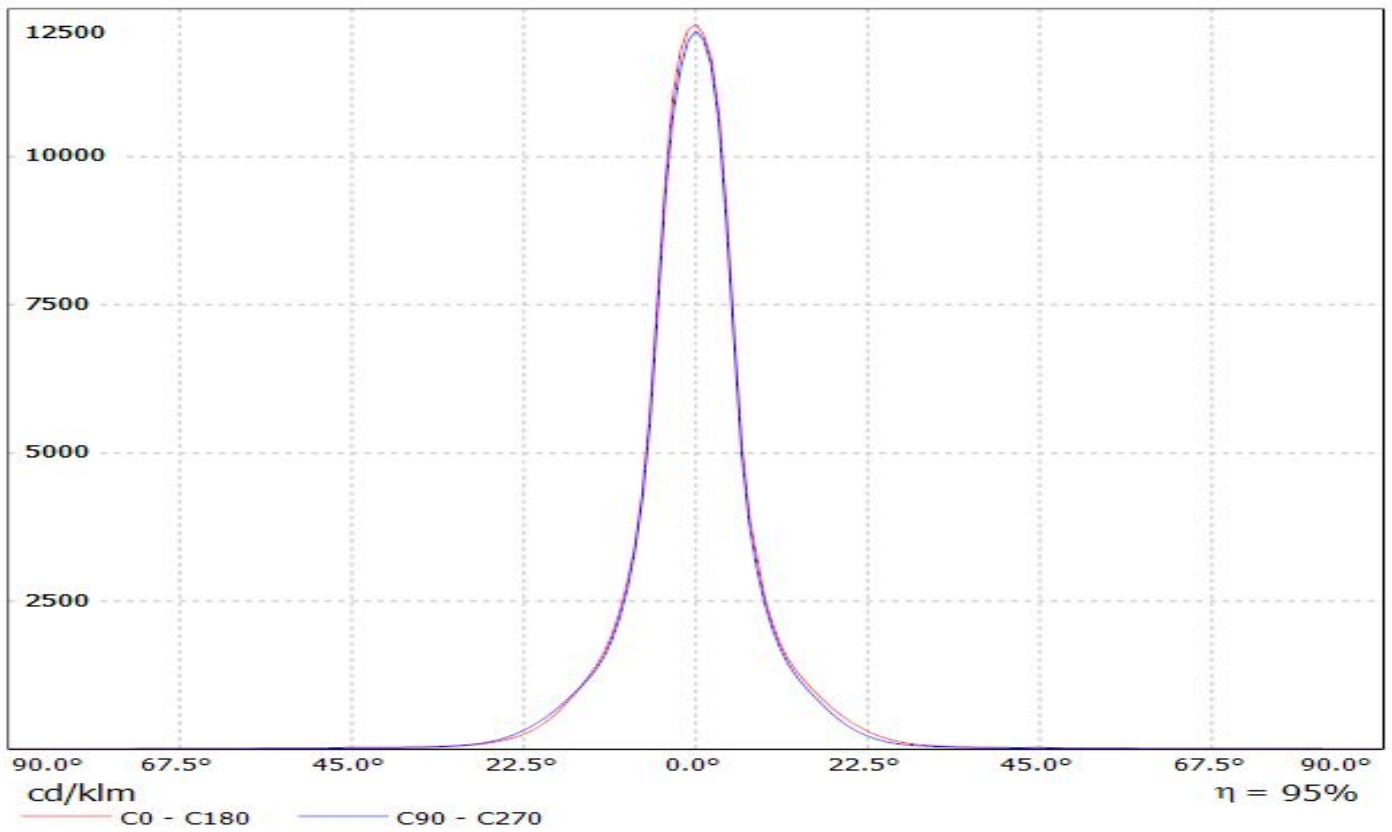
Luminaire: LEDiL Oy C12607\_VIRPI-S\_(XB-D) Eff.92.3%

Lamps: 1 x XB-D\_5x5 (1878.23lm@250mA)



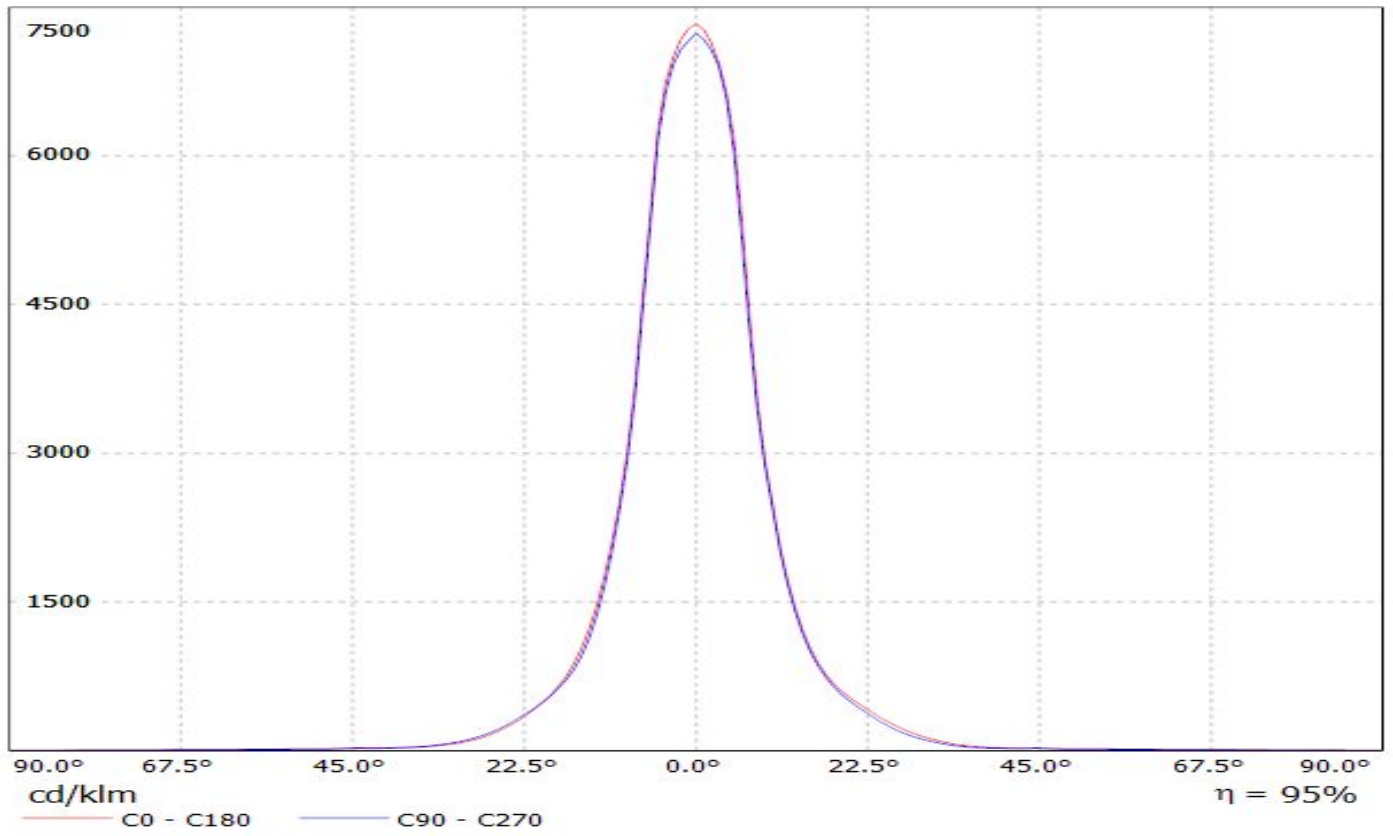
# LEDiL Oy C12607\_VIRPI-S\_(XP-E2) Eff.94.9% / LDC (Linear)

Luminaire: LEDiL Oy C12607\_VIRPI-S\_(XP-E2) Eff.94.9%  
Lamps: 1 x XP-E2\_x25 (2039.65lm@250mA)



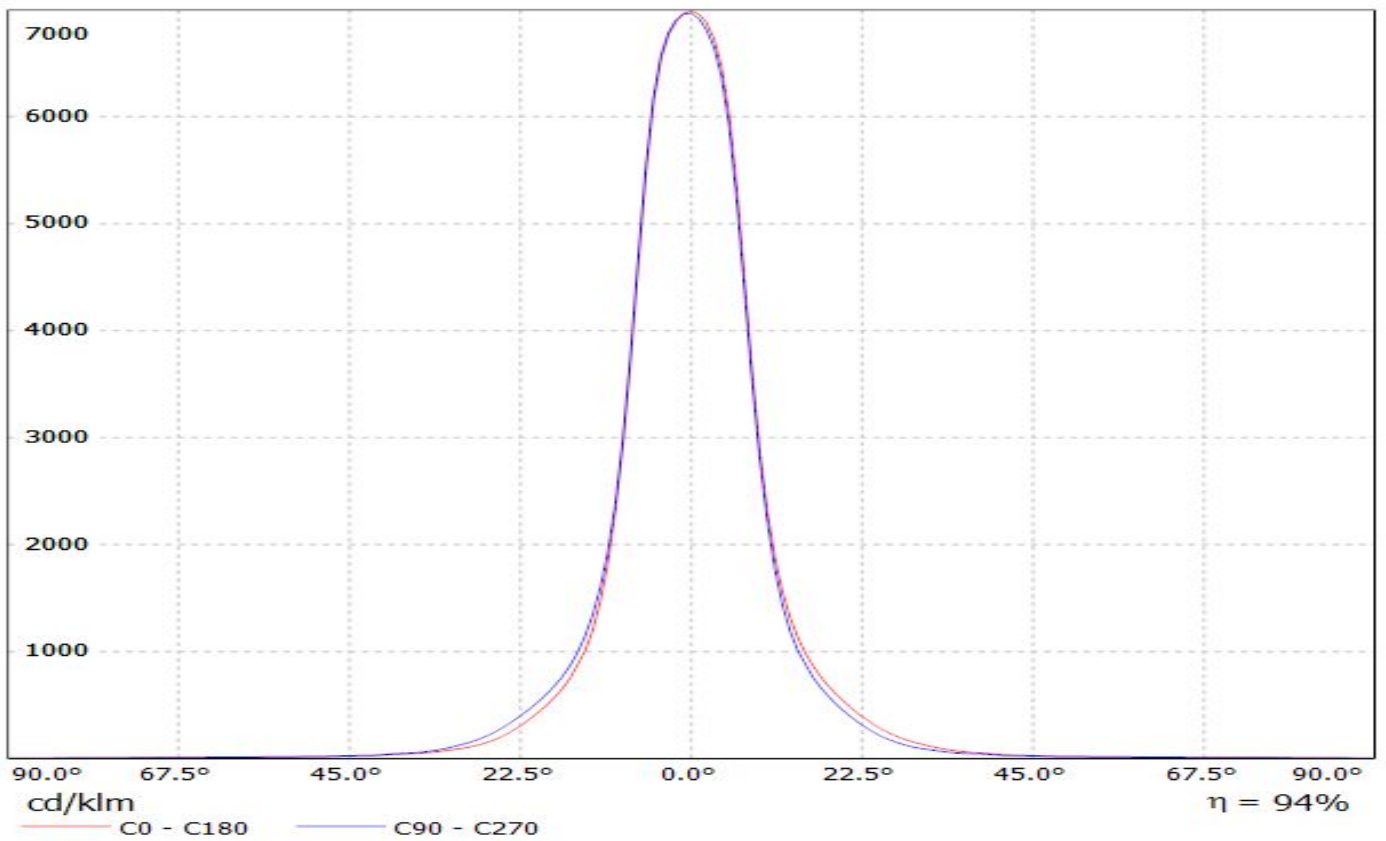
**LEDiL Oy C12607\_VIRPI-S\_(XP-G2) Eff.95.7% / LDC (Linear)**

Luminaire: LEDiL Oy C12607\_VIRPI-S\_(XP-G2) Eff.95.7%  
Lamps: 1 x XP-G2\_x25 (2535.22lm@250mA)



# LEDiL Oy C12607\_VIRPI-S\_(REBEL\_ES) Eff.94.4% / LDC (Linear)

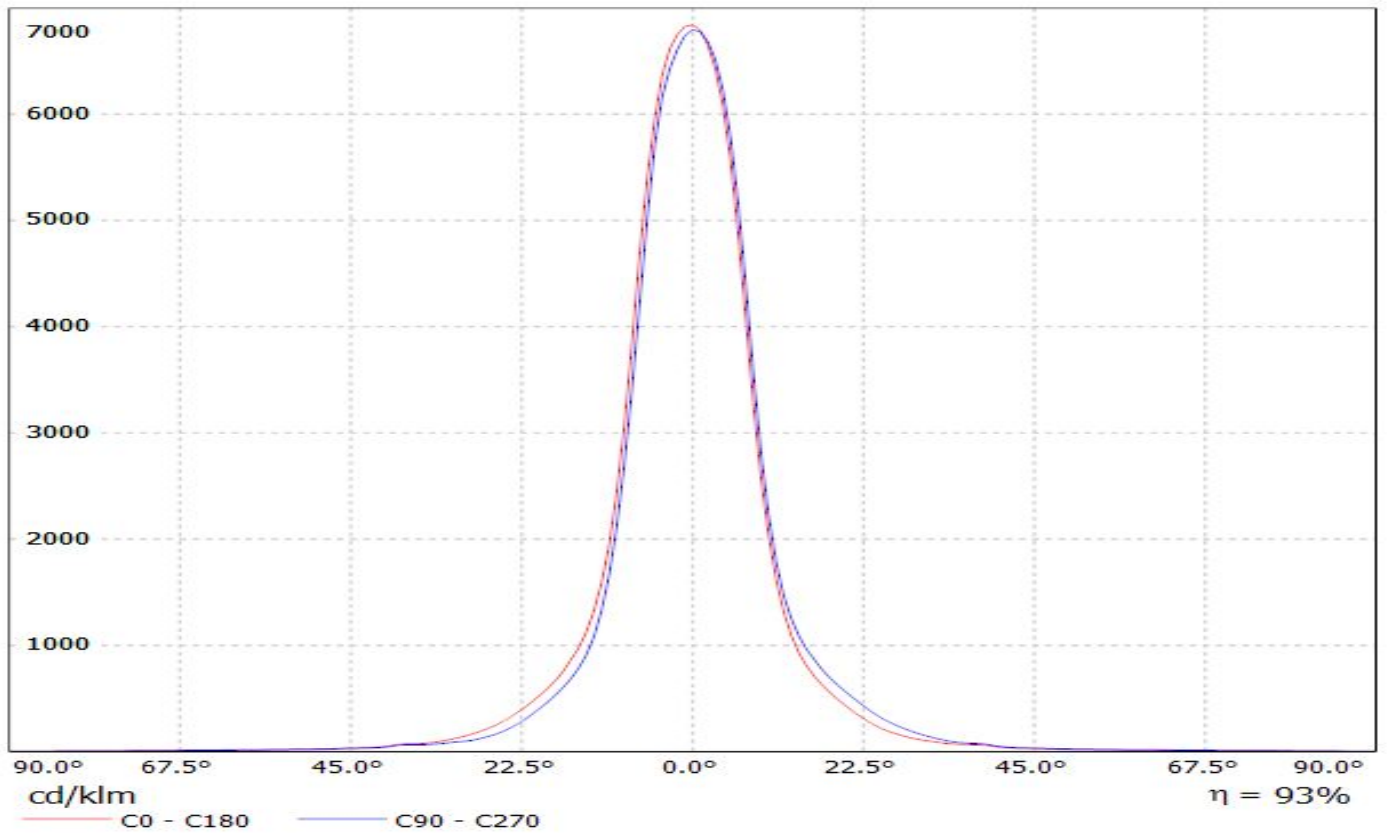
Luminaire: LEDiL Oy C12607\_VIRPI-S\_(REBEL\_ES) Eff.94.4%  
Lamps: 1 x REBEL\_ES\_5x5 (1766.64lm@250mA)



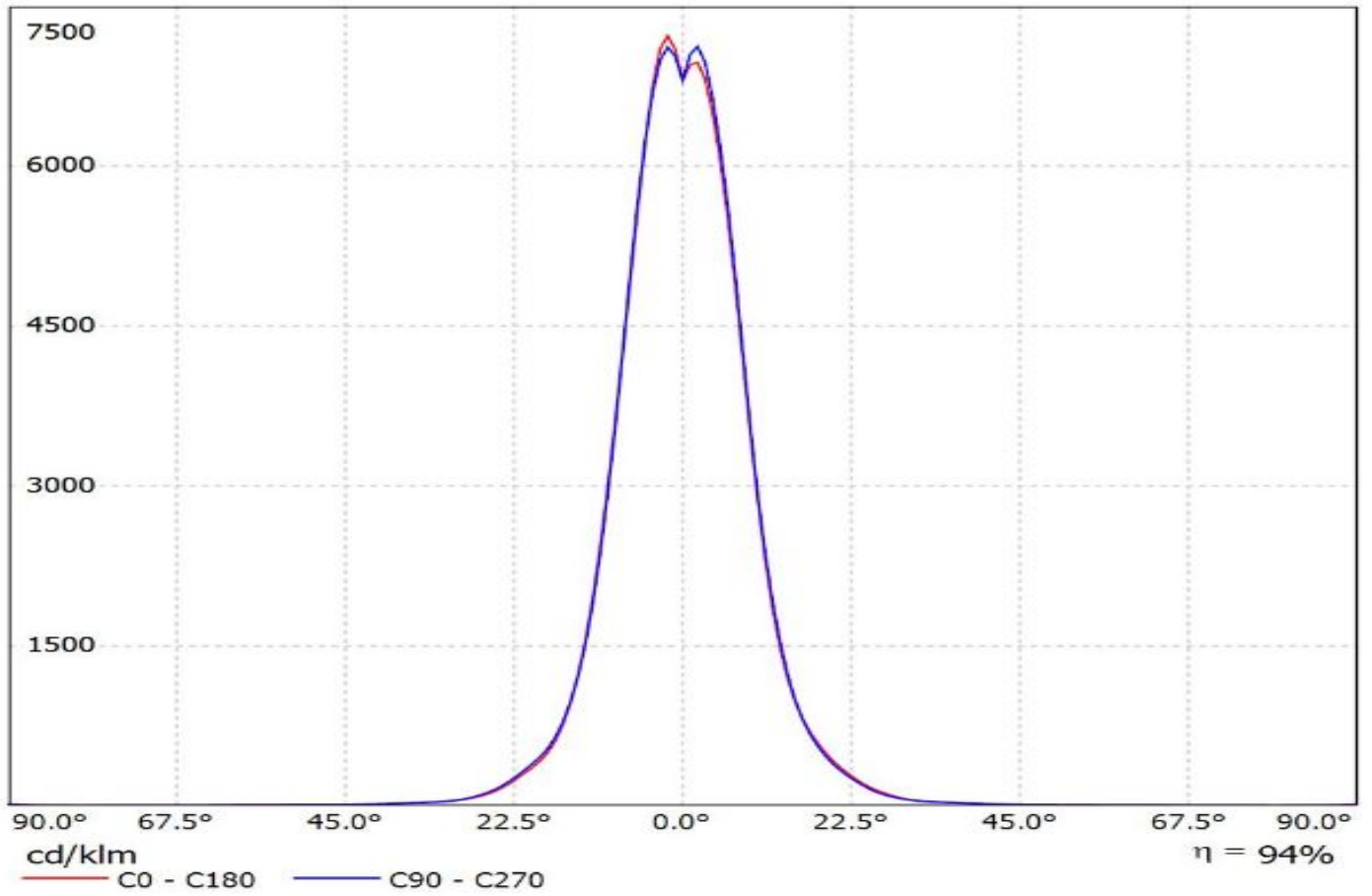


**LEDiL Oy C12607\_VIRPI-S\_(NVS19) Eff.93.6% / LDC (Linear)**

Luminaire: LEDiL Oy C12607\_VIRPI-S\_(NVS19) Eff.93.6%  
Lamps: 1 x NVS19\_5x5 (1782.78lm@250mA)



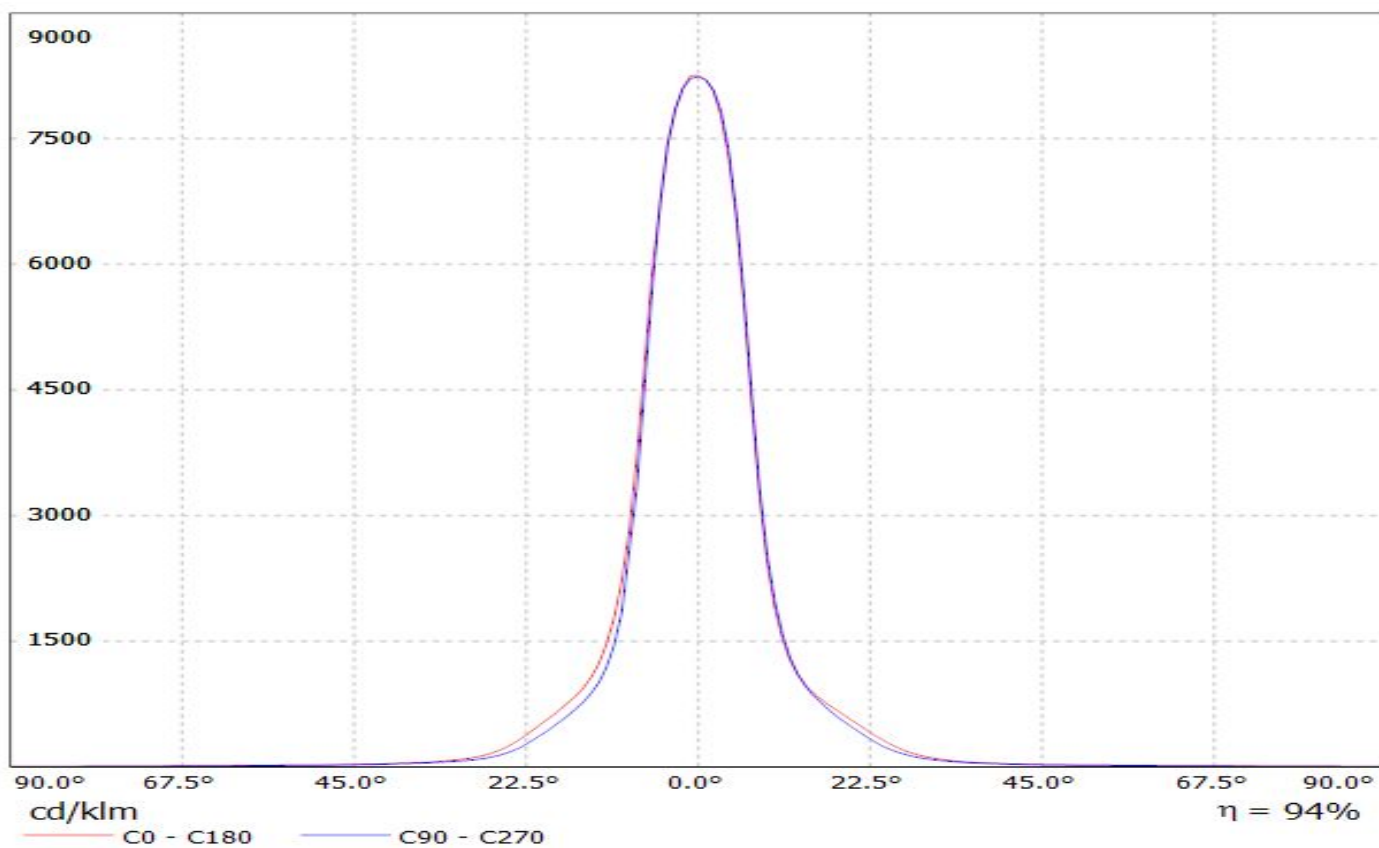
Luminaire: Ledil Oy C12607\_VIRPI-S\_NICHIA\_NVSW219C\_SIMULATED  
Lamps: 1 x NICHIA NVSW219C



# LEDiL Oy C12607\_VIRPI-S\_(SQ-EC) Eff.94.3% / LDC (Linear)

Luminaire: LEDiL Oy C12607\_VIRPI-S\_(SQ-EC) Eff.94.3%

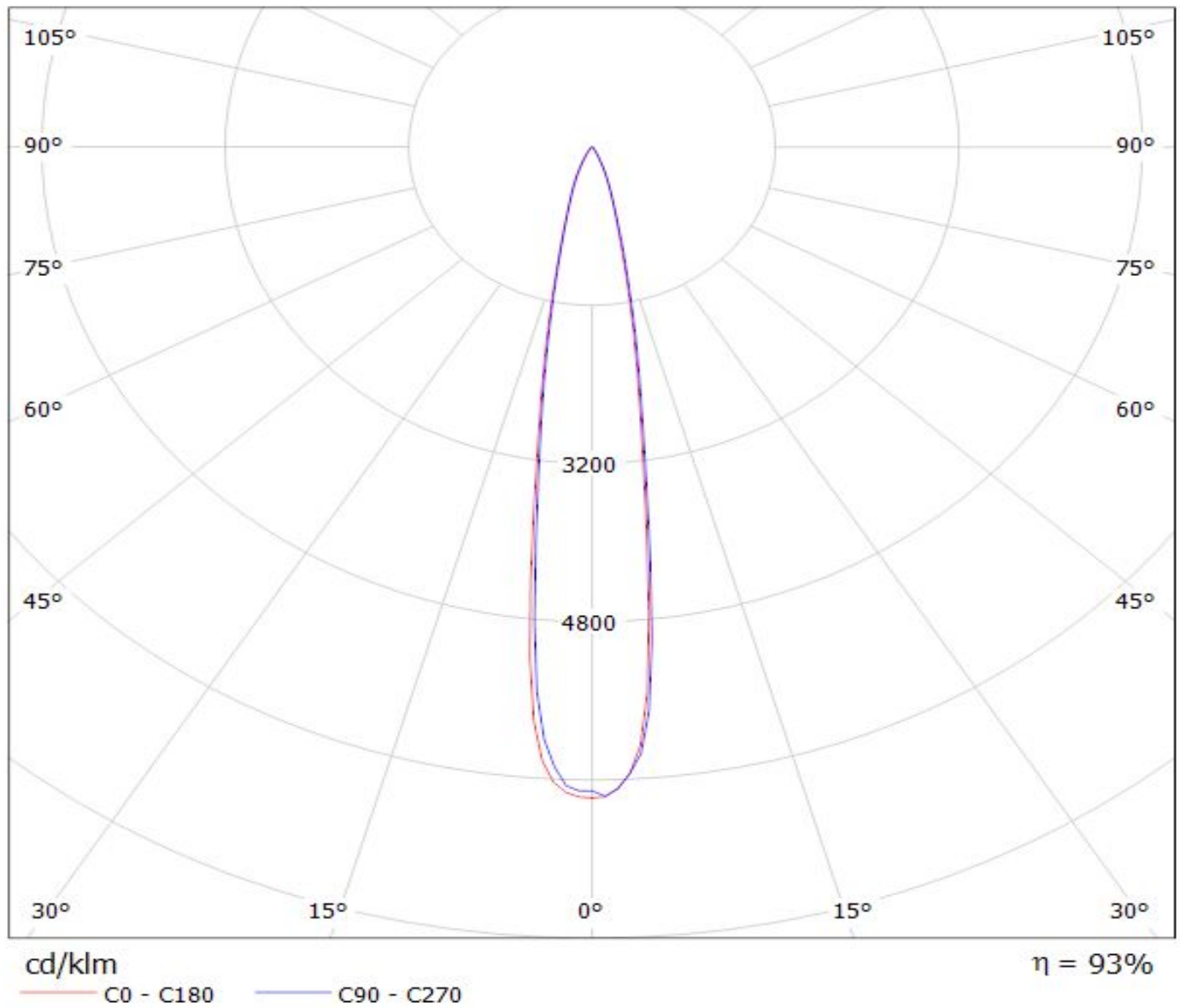
Lamps: 1 x SQ-EC\_5x5 (2043.47lm@250mA)



# LEDiL Oy C12607\_VIRPI-S\_(XP-G) / LDC (Polar)

Luminaire: LEDiL Oy C12607\_VIRPI-S\_(XP-G)

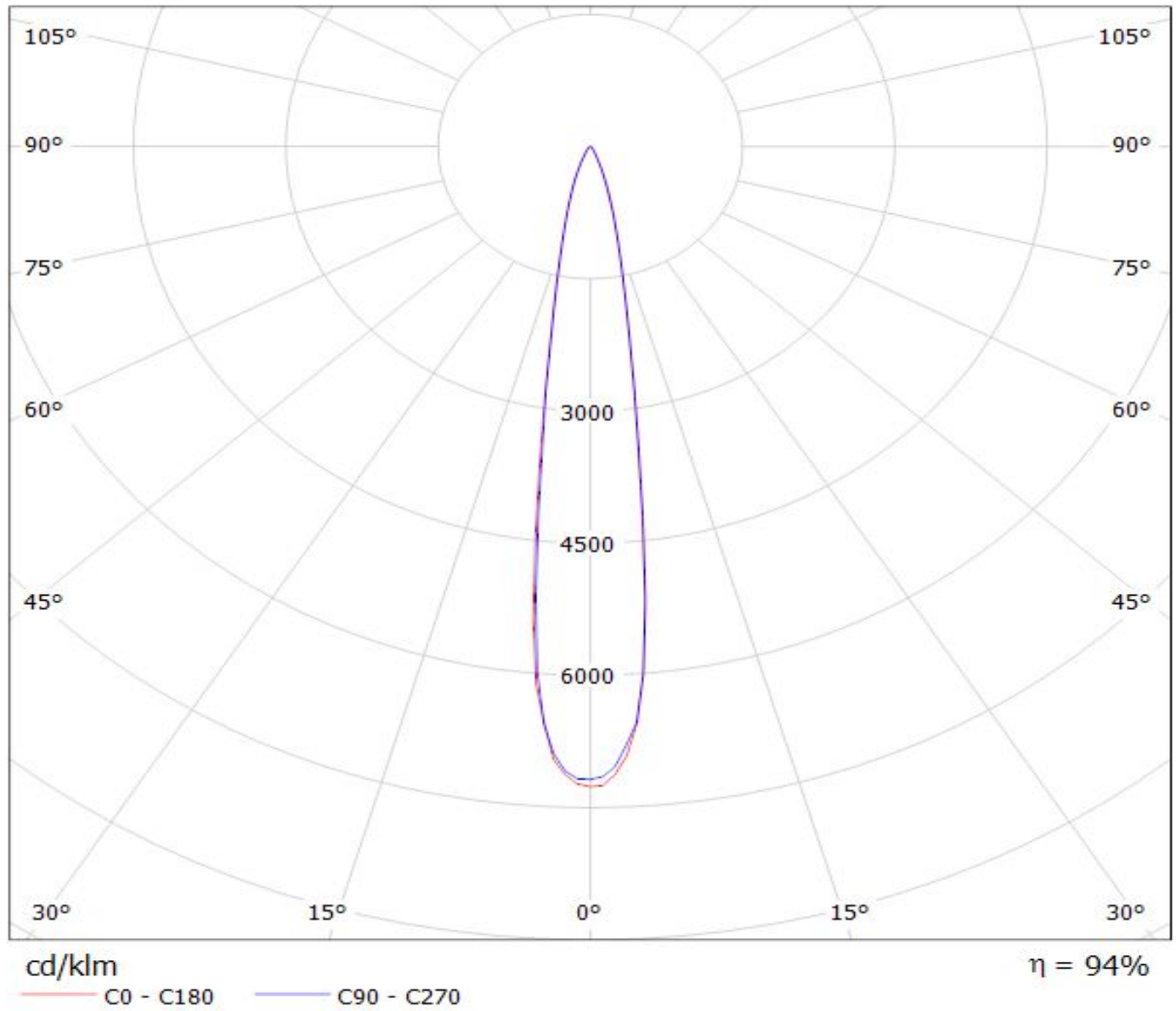
Lamps: 1 x XP-G\_5x5 (1570lm@250mA)



# LEDiL Oy C12607\_VIRPI-S\_(XT-E) Eff.94.2% / LDC (Polar)

Luminaire: LEDiL Oy C12607\_VIRPI-S\_(XT-E) Eff.94.2%

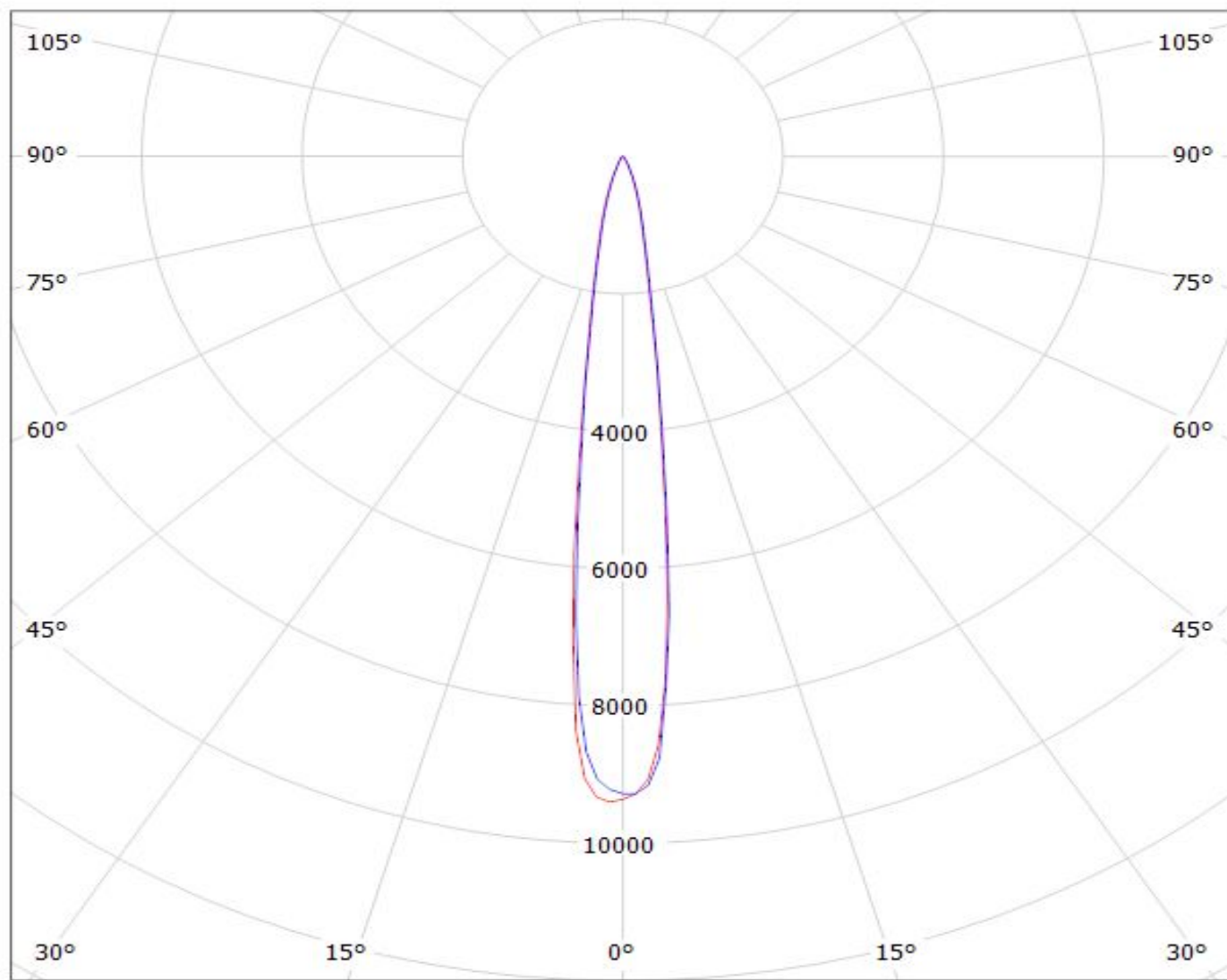
Lamps: 1 x XT-E\_5x5 (2100lm@250mA)



# LEDiL Oy C12607\_VIRPI-S\_(XB-D) Eff.92.3% / LDC (Polar)

Luminaire: LEDiL Oy C12607\_VIRPI-S\_(XB-D) Eff.92.3%

Lamps: 1 x XB-D\_5x5 (1878.23lm@250mA)



cd/klm

— C0 - C180

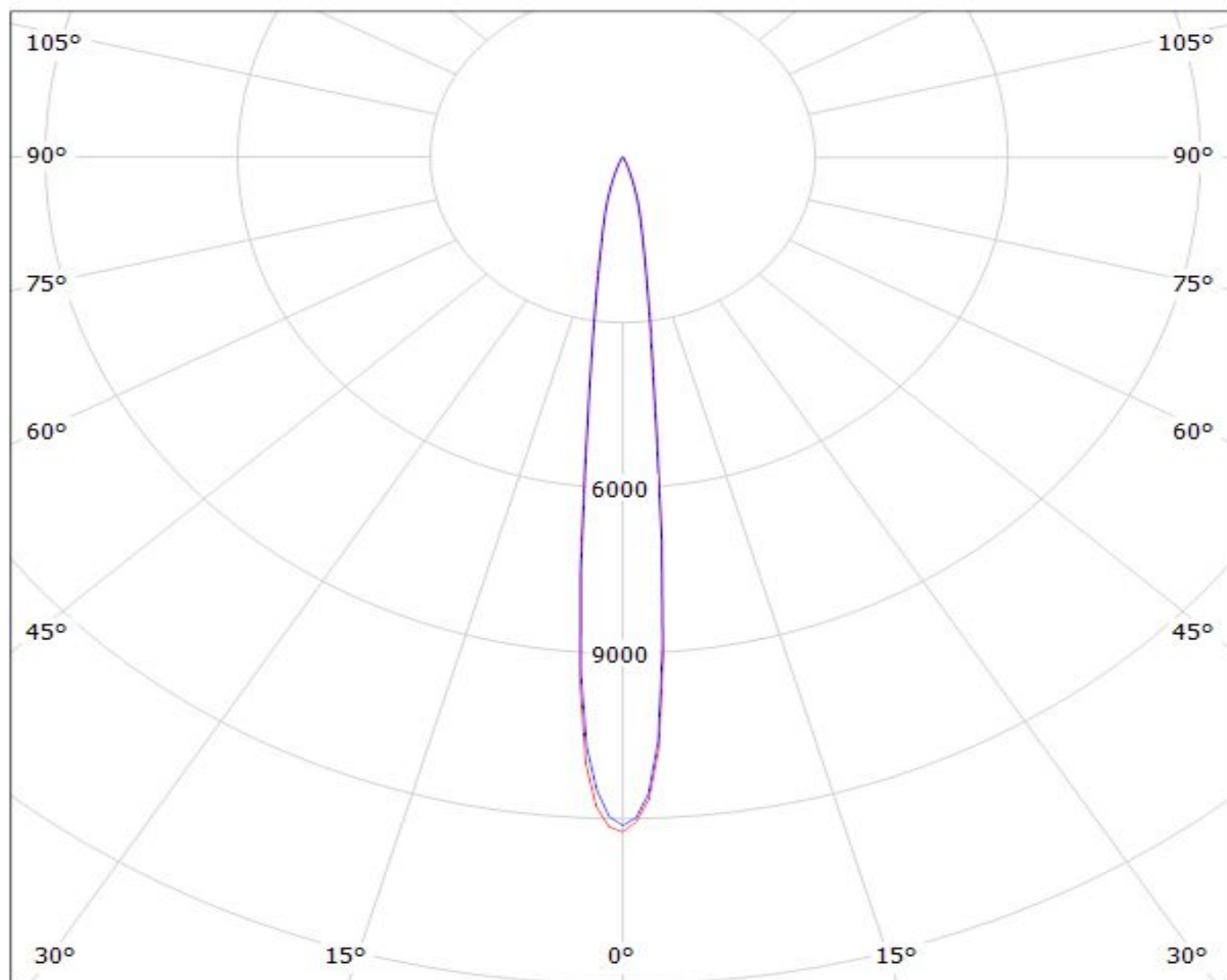
— C90 - C270

$\eta = 92\%$

# LEDiL Oy C12607\_VIRPI-S\_(XP-E2) Eff.94.9% / LDC (Polar)

Luminaire: LEDiL Oy C12607\_VIRPI-S\_(XP-E2) Eff.94.9%

Lamps: 1 x XP-E2\_x25 (2039.65lm@250mA)



cd/klm

— C0 - C180

— C90 - C270

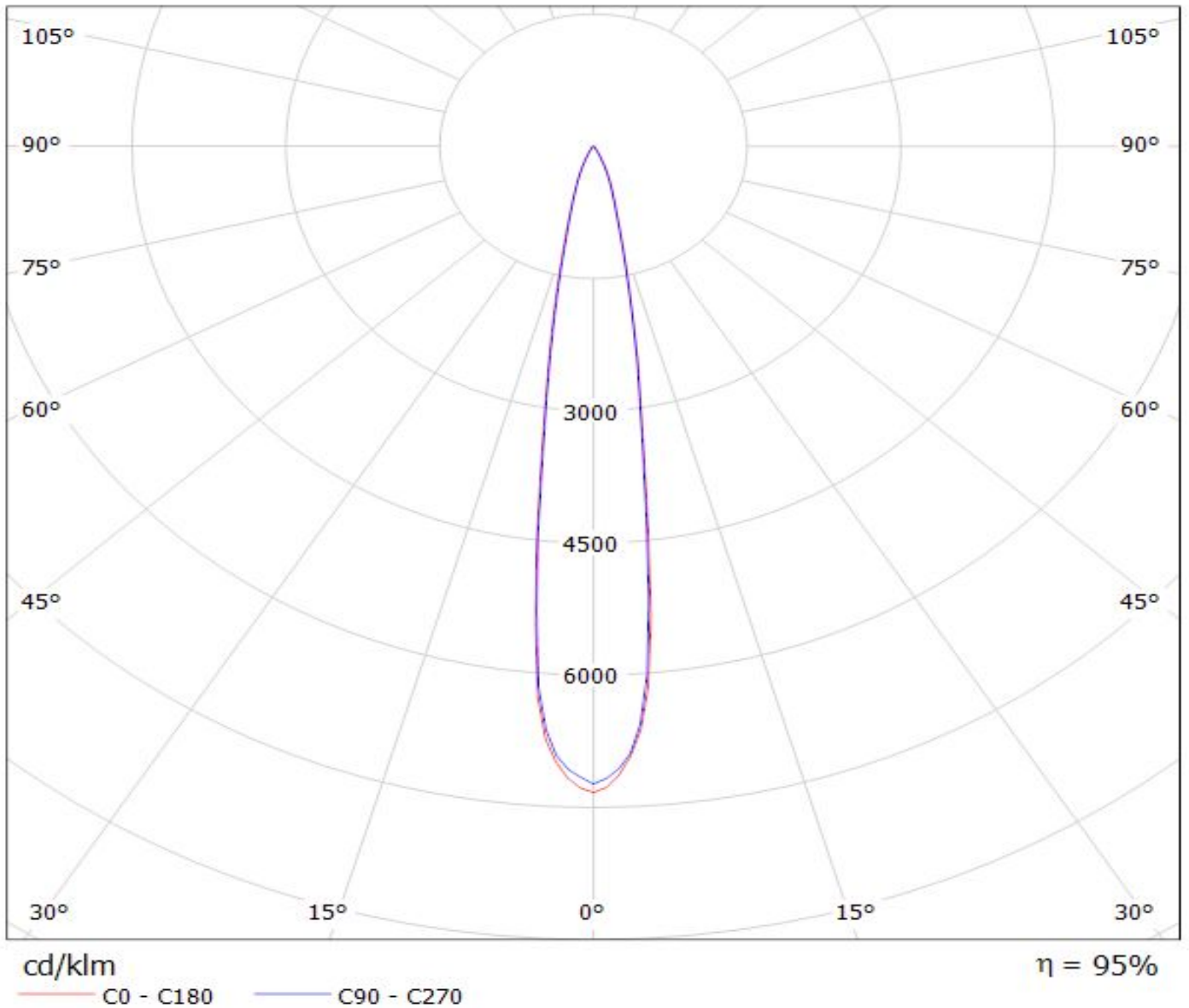
$\eta = 95\%$



# LEDiL Oy C12607\_VIRPI-S\_(XP-G2) Eff.95.7% / LDC (Polar)

Luminaire: LEDiL Oy C12607\_VIRPI-S\_(XP-G2) Eff.95.7%

Lamps: 1 x XP-G2\_x25 (2535.22lm@250mA)

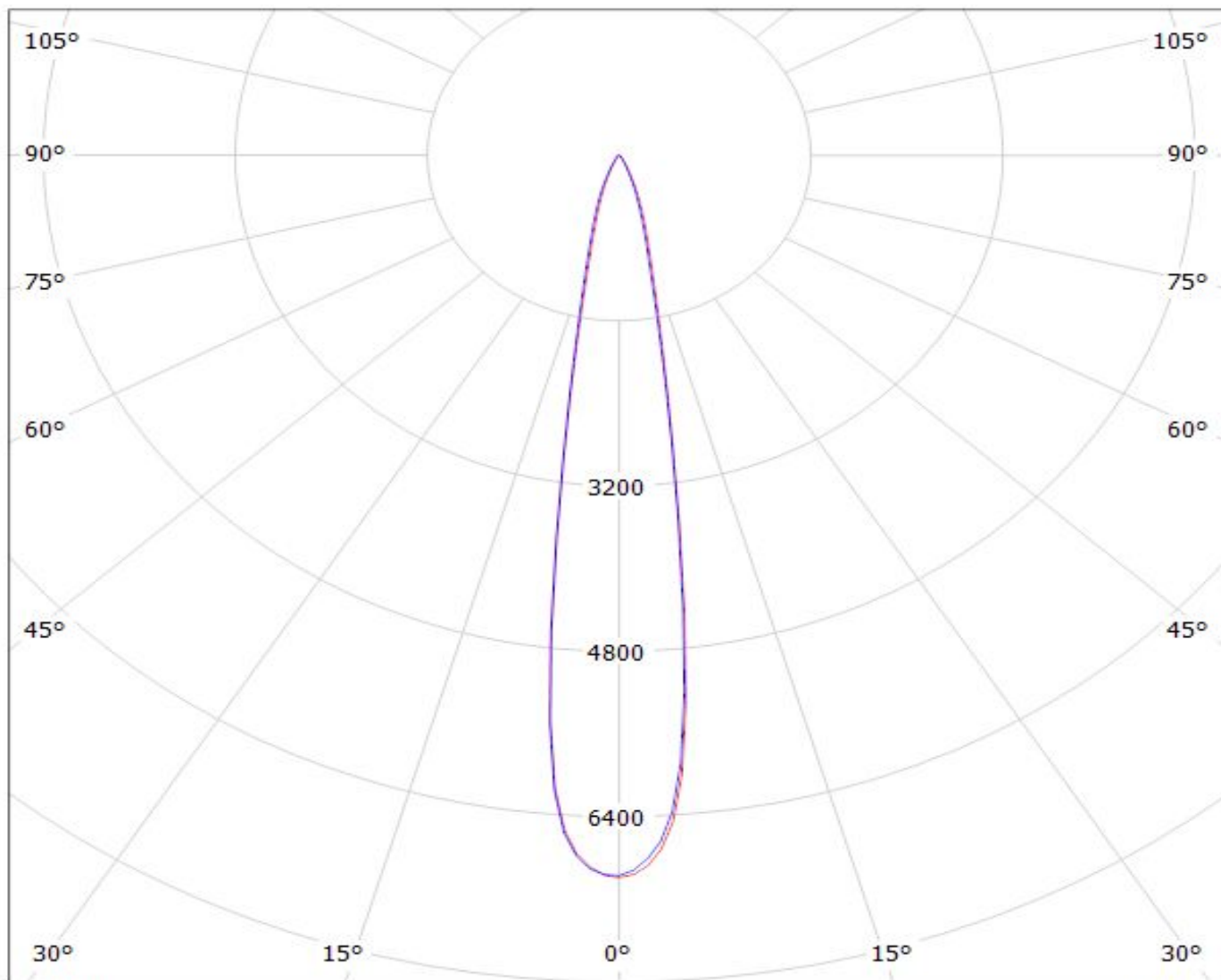




# LEDiL Oy C12607\_VIRPI-S\_(REBEL\_ES) Eff.94.4% / LDC (Polar)

Luminaire: LEDiL Oy C12607\_VIRPI-S\_(REBEL\_ES) Eff.94.4%

Lamps: 1 x REBEL\_ES\_5x5 (1766.64lm@250mA)

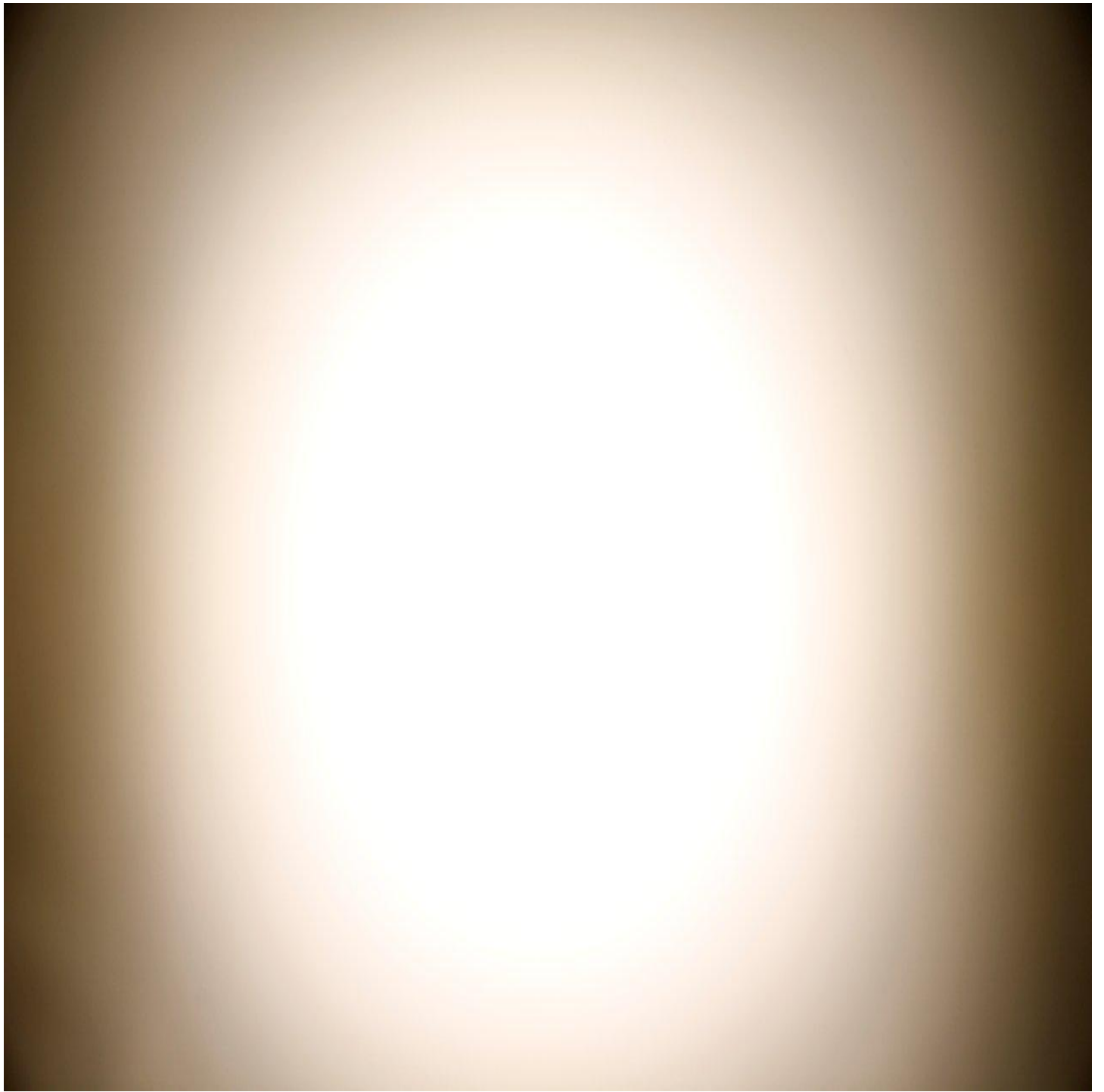


cd/klm

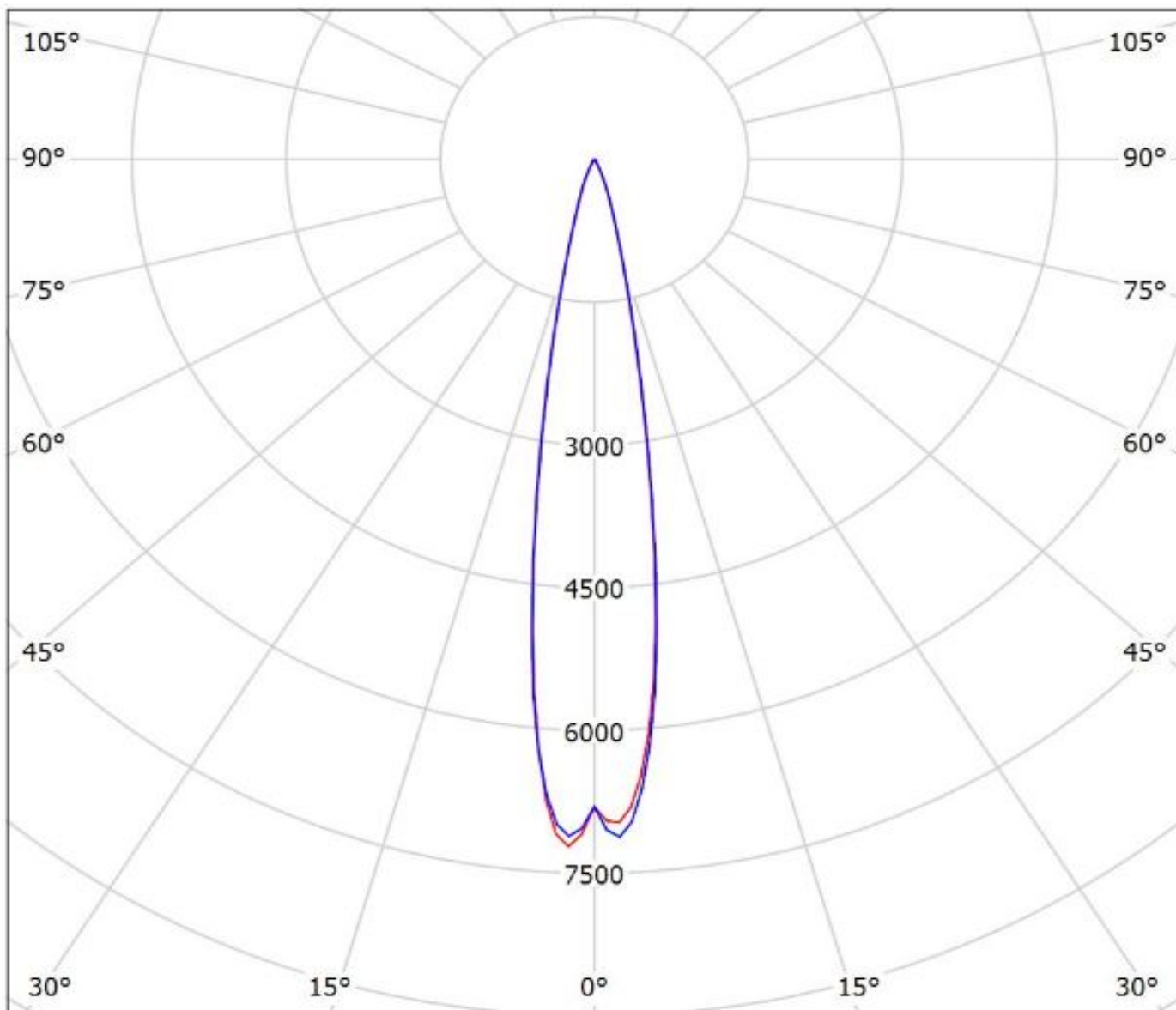
— C0 - C180

— C90 - C270

$\eta = 94\%$



Luminaire: Ledil Oy C12607\_VIRPI-S\_NICHIA\_NVSW219C\_SIMULATED  
Lamps: 1 x NICHIA NVSW219C



cd/klm

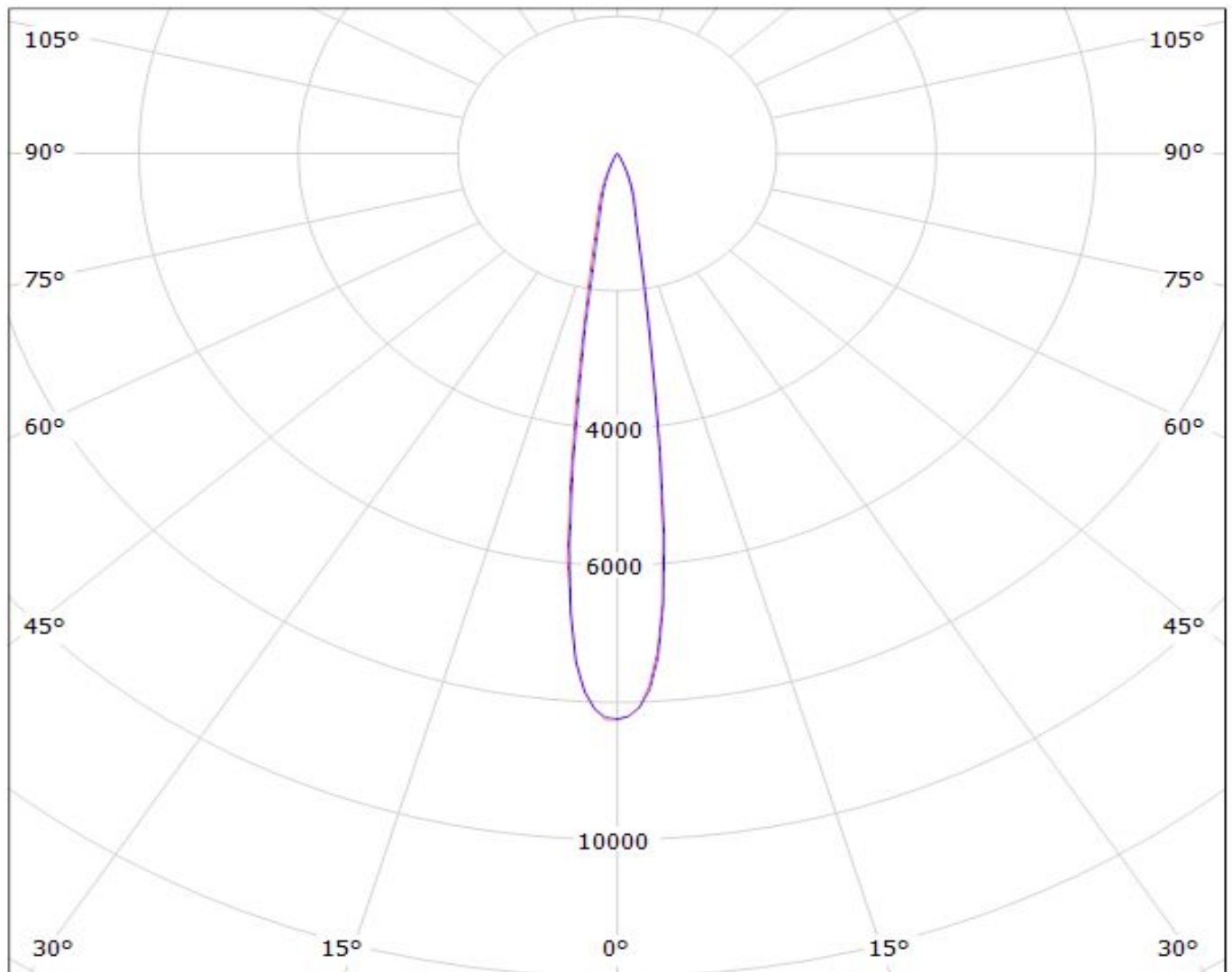
— C0 - C180 — C90 - C270

$\eta = 94\%$

# LEDiL Oy C12607\_VIRPI-S\_(SQ-EC) Eff.94.3% / LDC (Polar)

Luminaire: LEDiL Oy C12607\_VIRPI-S\_(SQ-EC) Eff.94.3%

Lamps: 1 x SQ-EC\_5x5 (2043.47lm@250mA)



cd/klm

— C0 - C180

— C90 - C270

$\eta = 94\%$

**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.**