

## DETAILS

<b>Product Number</b>	C12150_TUIJA-3-M2
<b>Family</b>	Tuija
<b>Type</b>	Lens array
<b>Color</b>	clear
<b>Diameter</b>	50 mm
<b>Height</b>	14,5 mm
<b>Style</b>	round
<b>Optic Material</b>	PMMA
<b>Holder Material</b>	
<b>Fastening</b>	pin, glue
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	9/08/2016



## OPTICAL PROPERTIES

LED	Viewing	Light	Efficiency	cd/lm	Connector
	Angle	Beam			
XP-G	34 deg	M2-class	86 %	1.900	-
XP-E	34 deg	M2-class	86 %	2.200	-
XB-D	35 deg	M2-class	89 %	1.890	-
LUXEON Rebel	37 deg	M2-class	89 %	1.700	-
LUXEON Rebel ES	36 deg	M2-class	93 %	1.800	-
LUXEON A	sim: 35	M2-class	-	-	-
NCSxx19A	sim: 35	M2-class	81 %	-	-
NVSxx19A	sim: 35	M2-class	81 %	-	-
Oslon SSL 80	40 deg	M2-class	87 %	1.700	-
Oslon SSL 150	sim: 35	M2-class	-	sim: 2.800	-
Z5	32 deg	M2-class	92 %	2.500	-
Double Dome (GM2BB)	sim: 35	M2-class	-	-	-

D

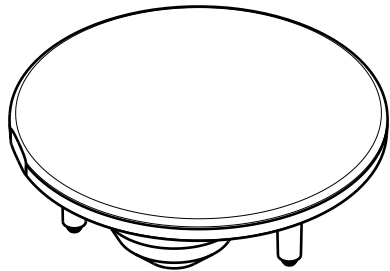
C

B

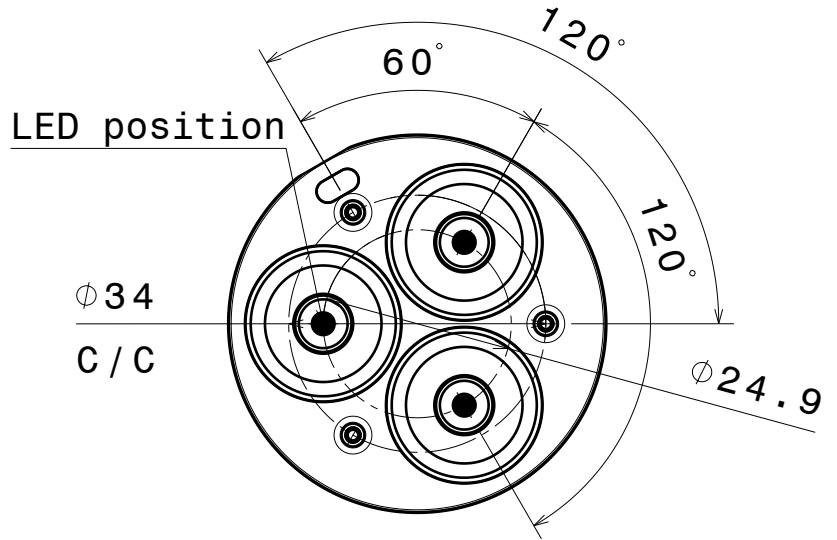
A

4

4

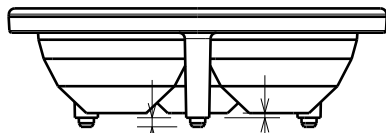


Isometric view  
Scale: 1:1

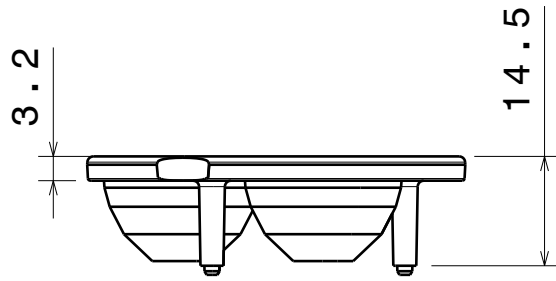


3

3



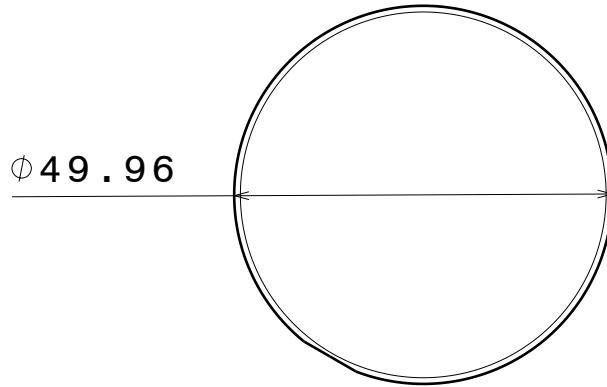
1.2  
0.6



3.2  
14.5

2

2



$\phi 49.96$

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

**LEDiL** LediL Oy  
Salorankatu 10  
FIN 24240 SALO  
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE  
**C12150\_TUIJA-3-M2**

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SIZE	PART NUMBER
A4	C12150

SCALE	1:1	WEIGHT	-	SHEET	1/1
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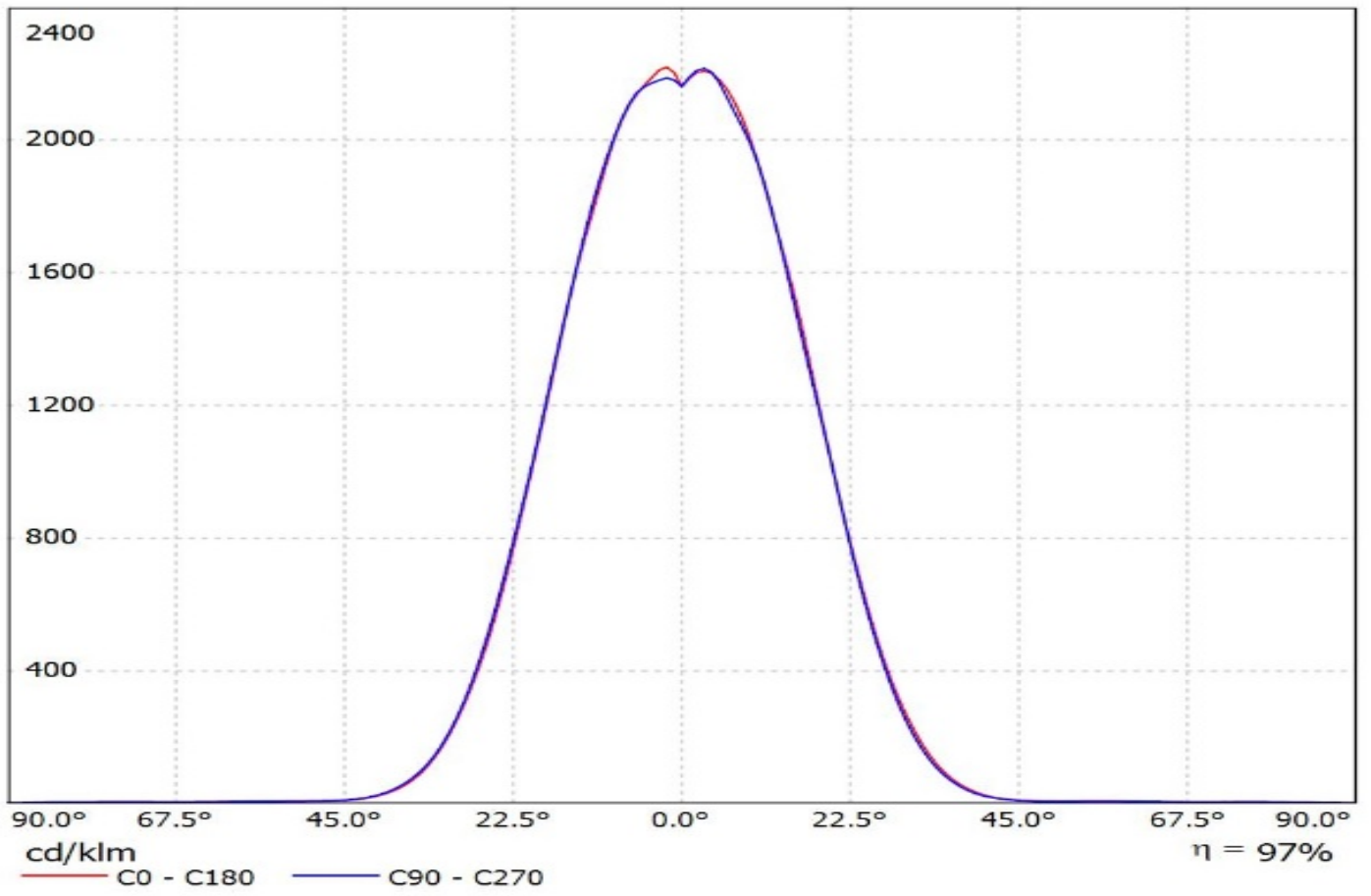
D

A

1

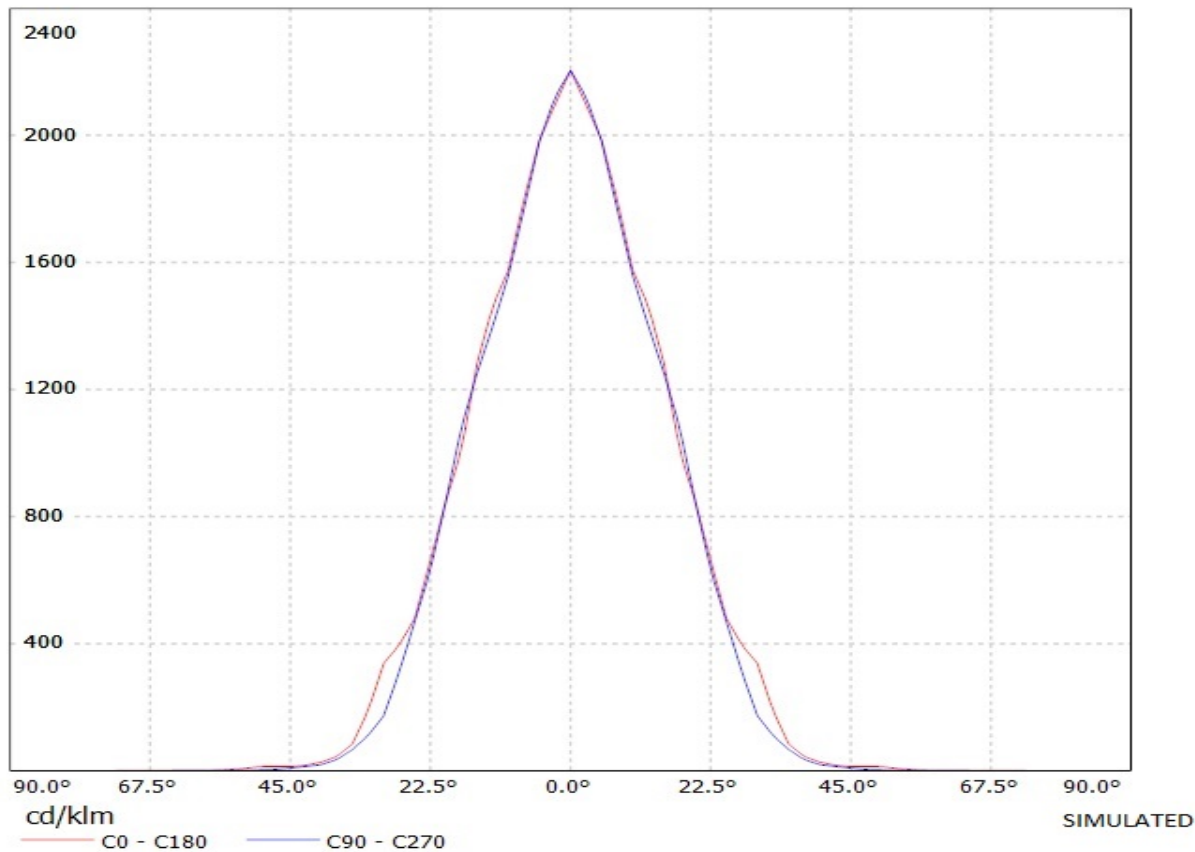
1

Luminaire: Ledil Oy C12150\_TUIJA-3-M2\_(XP-G)\_SIMULATED  
Lamps: 1 x Cree XP-G



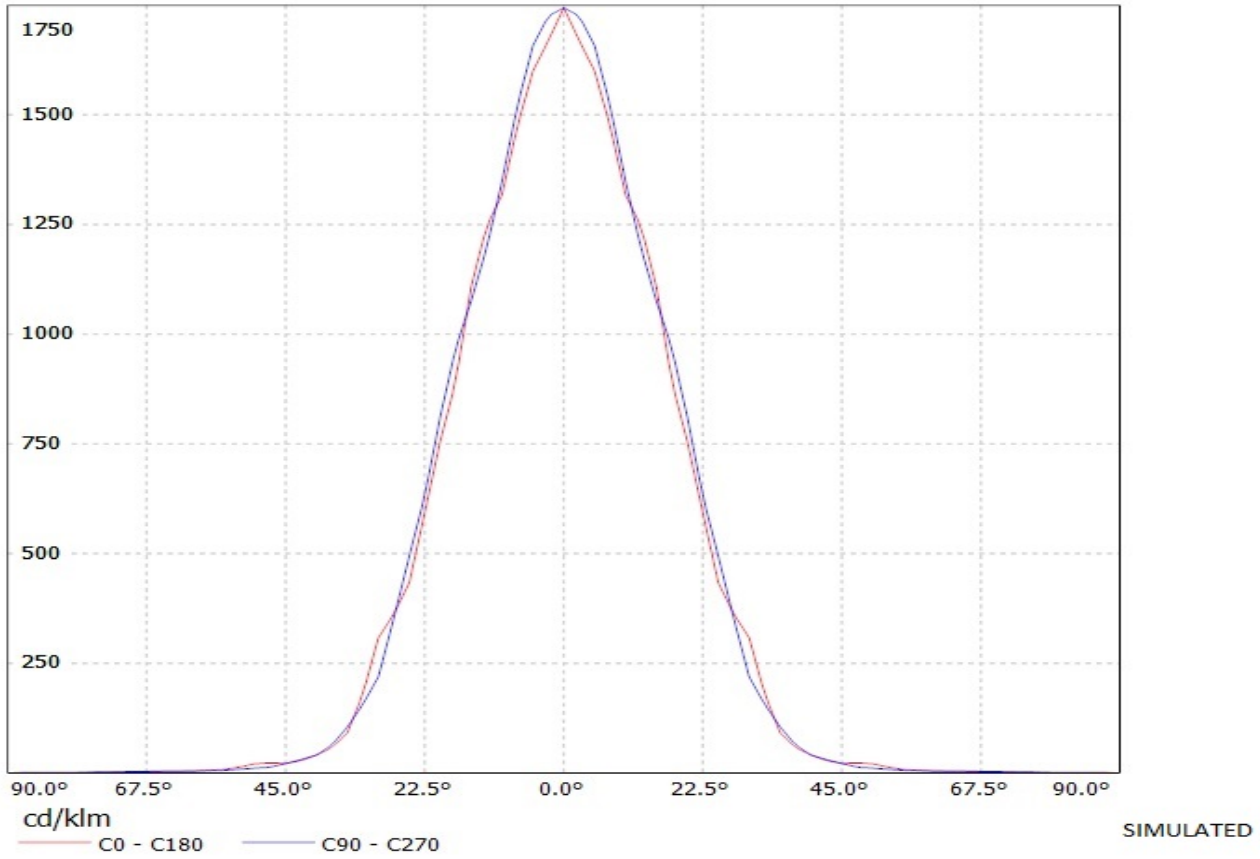
# Ledil Oy C12150\_Tuija-M2\_XP C12150\_Tuija-M2\_XP / LDC (Linear)

Luminaire: Ledil Oy C12150\_Tuija-M2\_XP C12150\_Tuija-M2\_XP  
Lamps: 1 x 3xCree XP-E 228lm 250mA

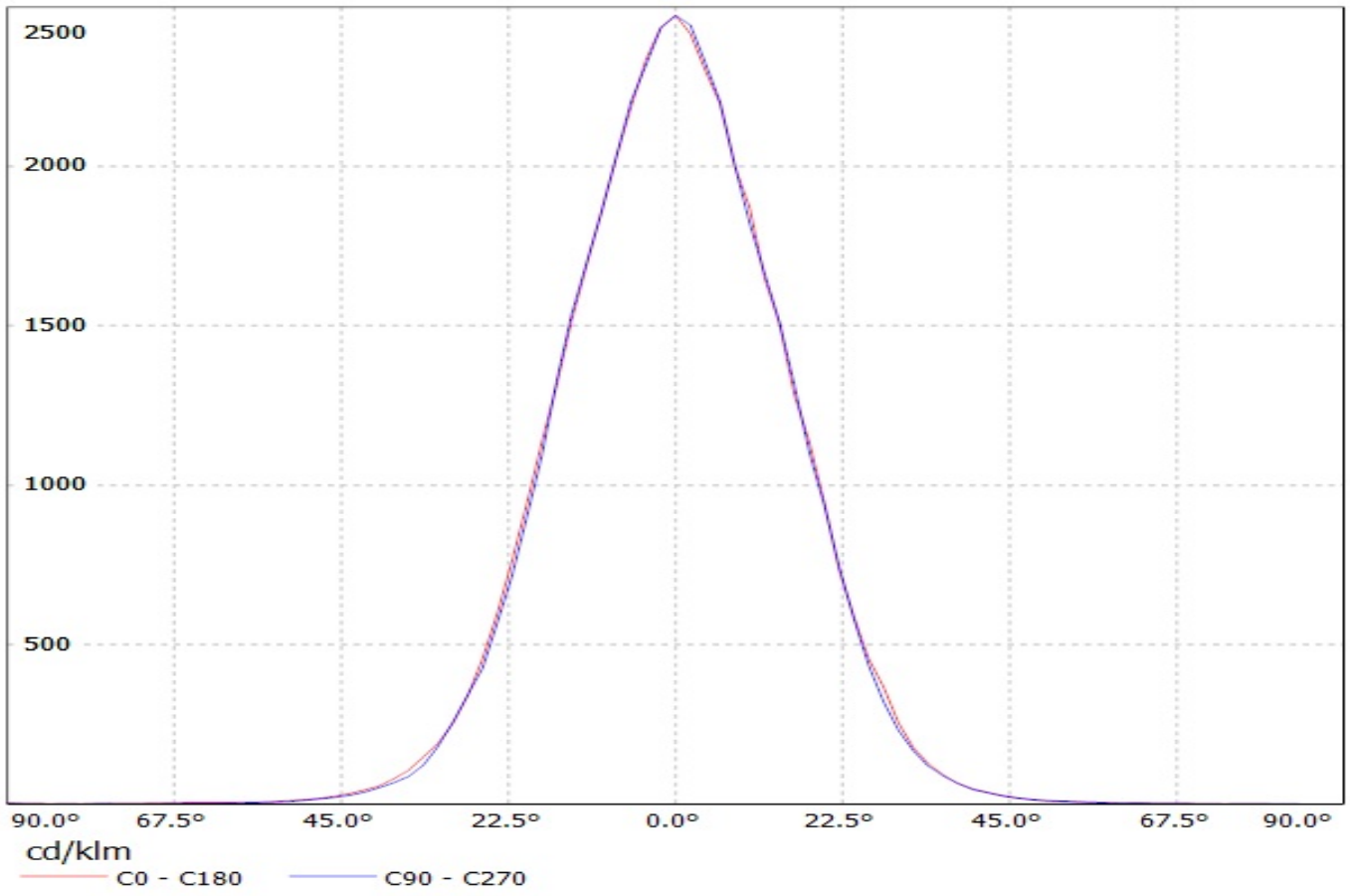


Ledil Oy C12150\_Tuija-3-M2-RE LOR=89% / LDC (Linear)

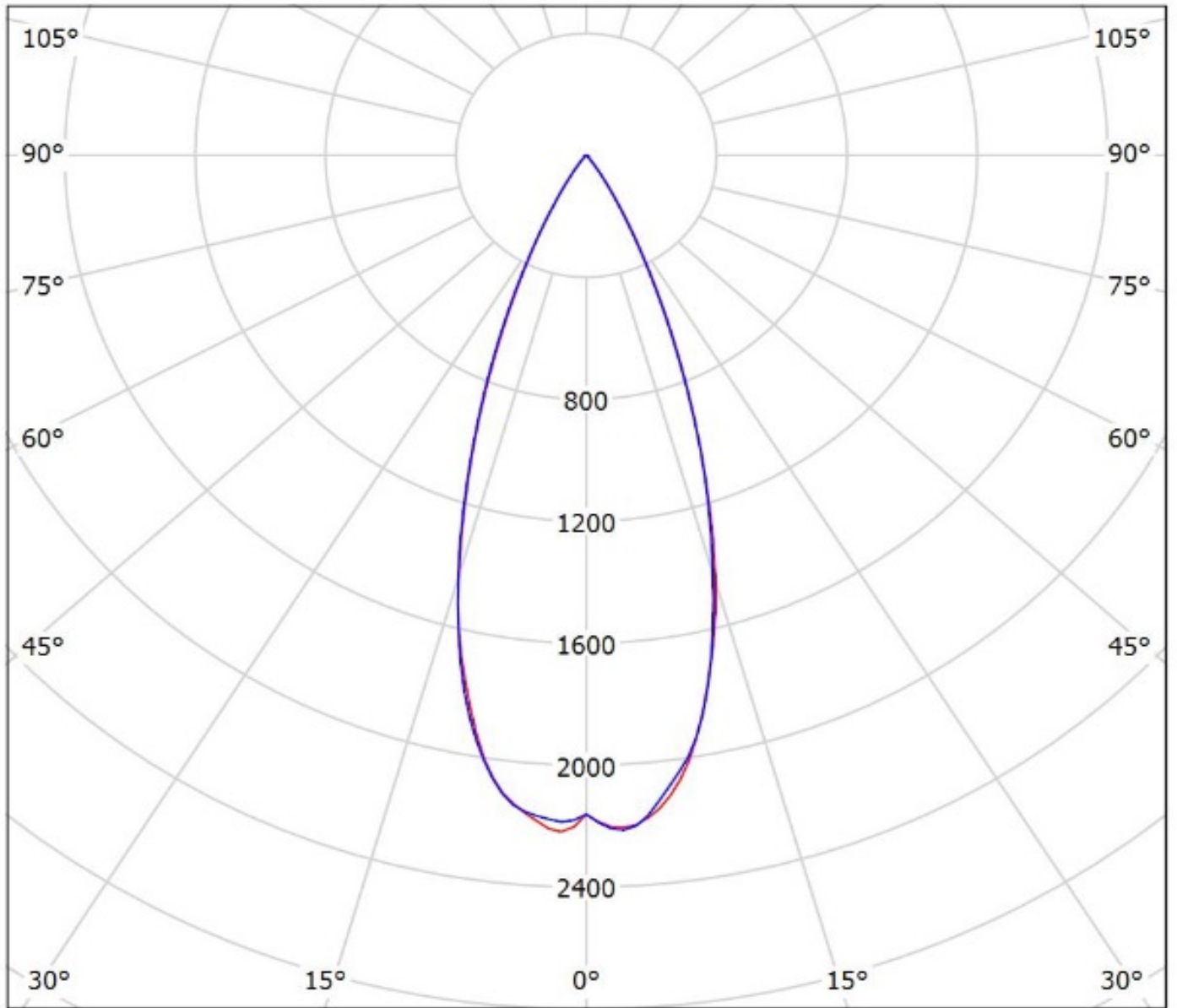
Luminaire: Ledil Oy C12150\_Tuija-3-M2-RE LOR=89%  
Lamps: 1 x Luxeon Rebel 87lm 250mA



Luminaire: Ledil oy C12150\_TUIJA-3-M2 (Seoul Z5 223lm @ 250mA) Efficiency=92%  
Lamps: 1 x Seoul Z5 223lm @ 250mA



Luminaire: Ledil Oy C12150\_TUIJA-3-M2\_(XP-G)\_SIMULATED  
Lamps: 1 x Cree XP-G



cd/klm

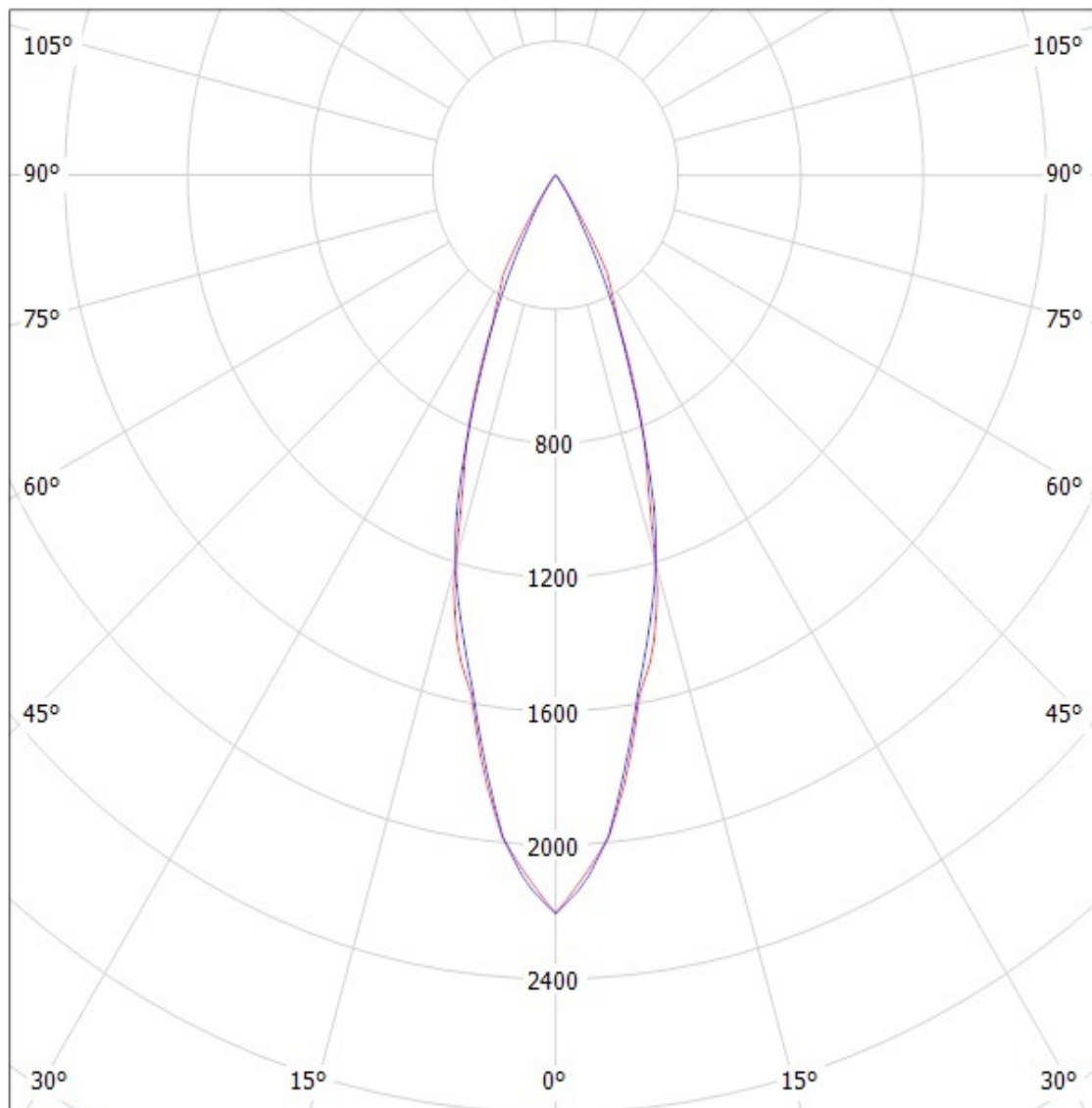
— C0 - C180 — C90 - C270

$\eta = 97\%$

# Ledil Oy C12150\_Tuija-M2\_XP C12150\_Tuija-M2\_XP / LDC (Polar)

Luminaire: Ledil Oy C12150\_Tuija-M2\_XP C12150\_Tuija-M2\_XP

Lamps: 1 x 3xCree XP-E 228lm 250mA



cd/klm

— C0 - C180

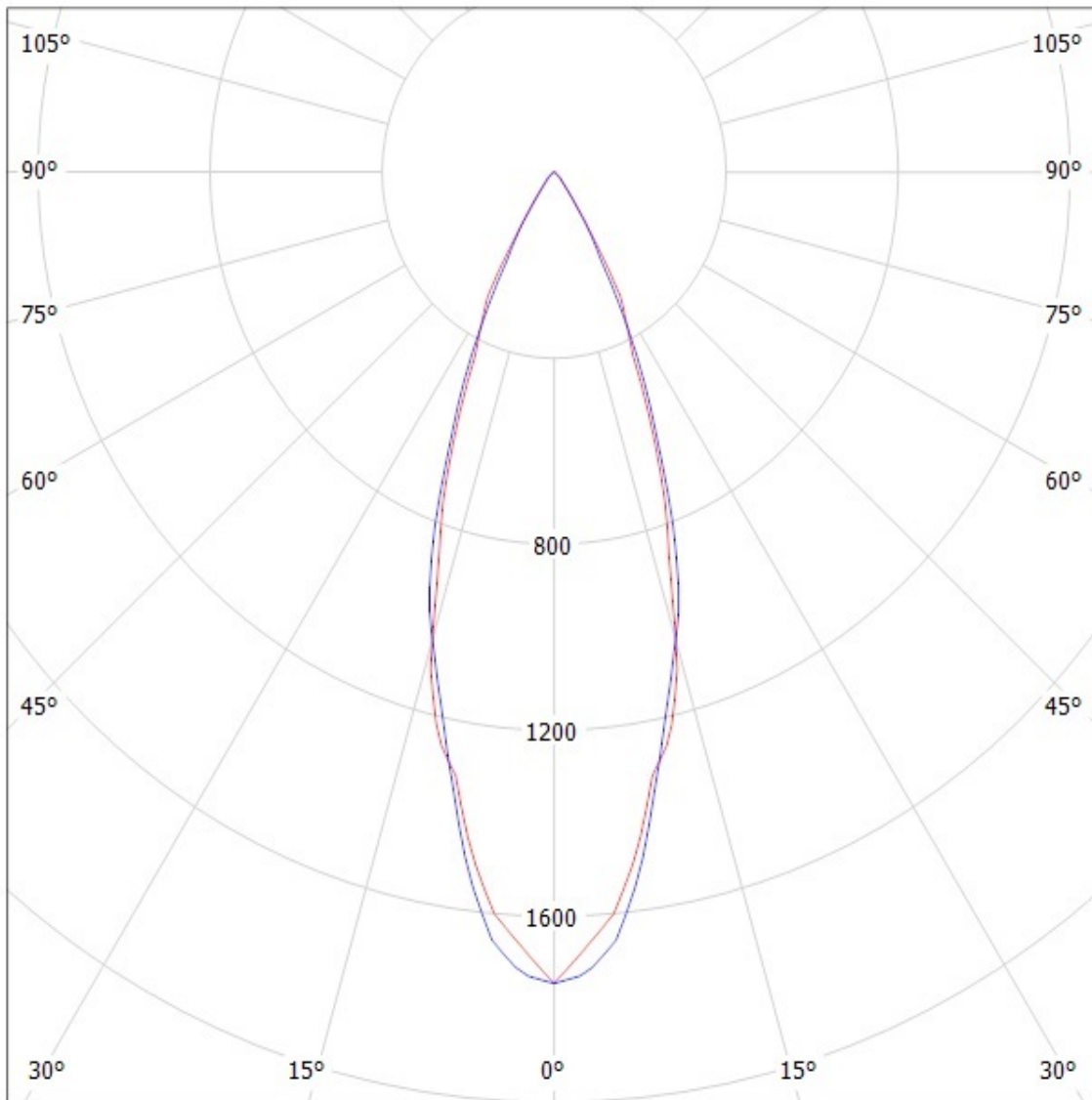
— C90 - C270

SIMULATED



# Ledil Oy C12150\_Tuija-3-M2-RE LOR=89% / LDC (Polar)

Luminaire: Ledil Oy C12150\_Tuija-3-M2-RE LOR=89%  
Lamps: 1 x Luxeon Rebel 87lm 250mA

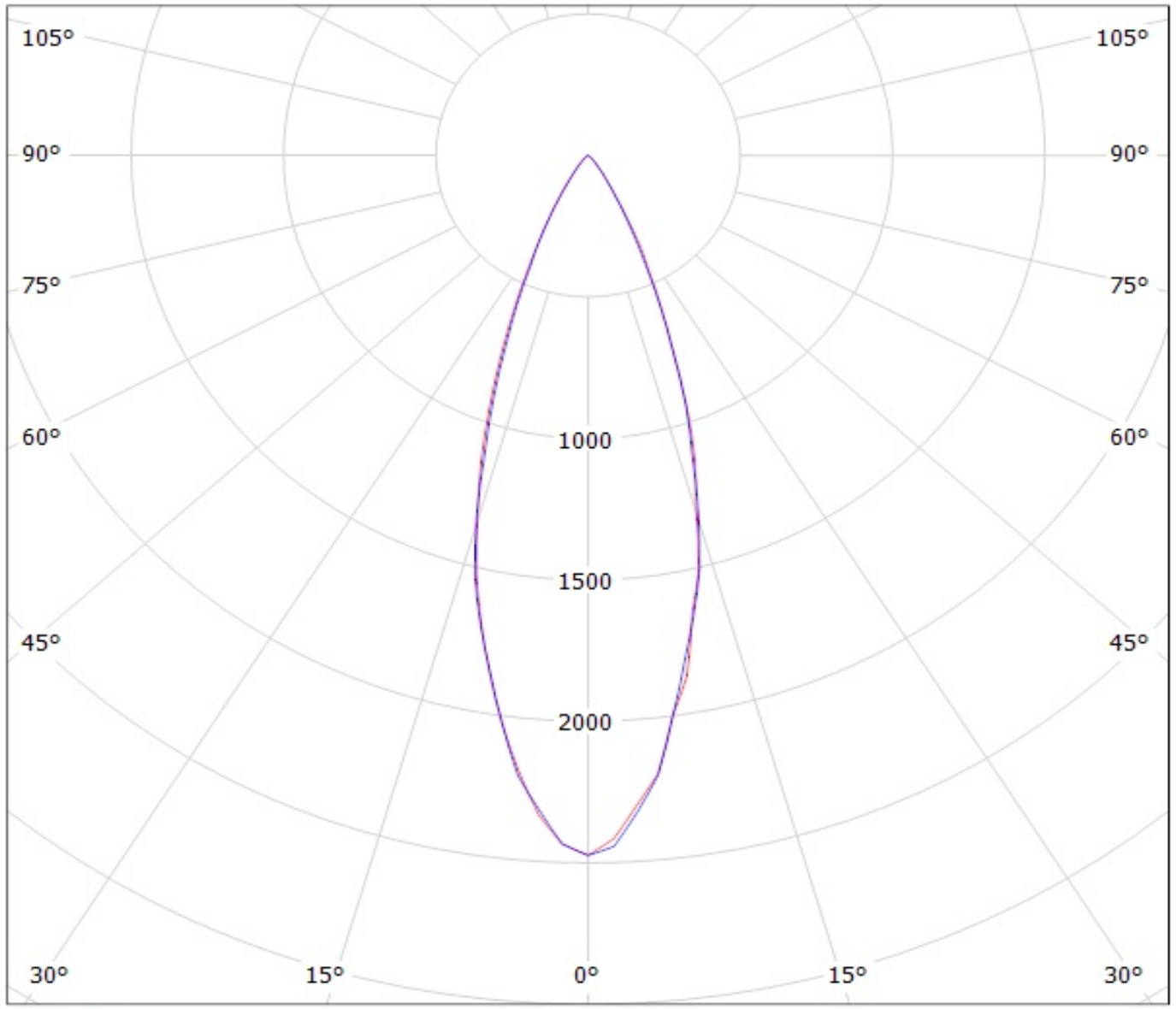


cd/klm

— C0 - C180 — C90 - C270

SIMULATED

Luminaire: Ledil oy C12150\_TUIJA-3-M2 (Seoul Z5 223lm @ 250mA) Efficiency=92%  
Lamps: 1 x Seoul Z5 223lm @ 250mA



cd/klm  
— 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.**