PRODUCT DATASHEET
Tuija series
last update 9/8/2016

DETAILS



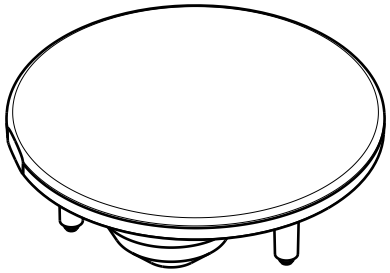
Product Number	C12150_TUIJA-3-M2
Family	Tuija
Type	Lens array
Color	clear
Diameter	50 mm
Height	14,5 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	pin, glue
Status	production ready
ROHS Comliant	Yes
Date Updated	9/08/2016

OPTICAL PROPERTIES

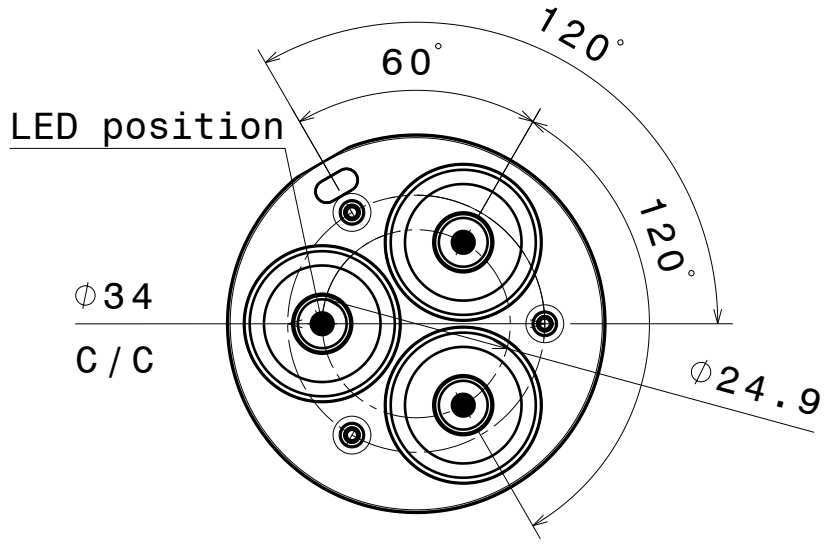
LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
XP-G	34 deg	M2-class	86 %	1.900	-
XP-E	34 deg	M2-class	86 %	2.200	-
XB-D	35 deg	M2-class	89 %	1.890	-
LUXEON Rebel	37 deg	M2-class	89 %	1.700	-
LUXEON Rebel ES	36 deg	M2-class	93 %	1.800	-
LUXEON A	sim: 35	M2-class	-	-	-
NCSxx19A	sim: 35	M2-class	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	-	-	-

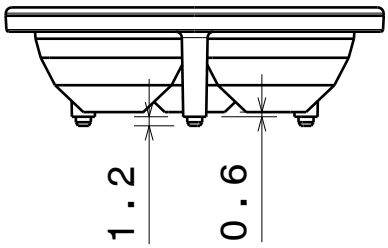
Ledil Oy
Salorankatu 10
24240 SALO, Finland

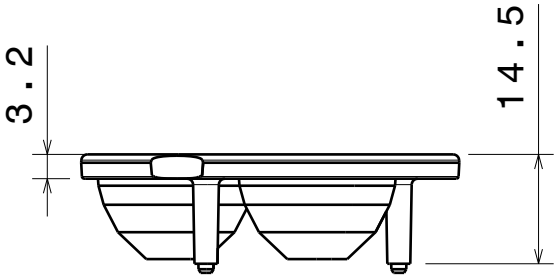
http://www.ledil.com
email: ledil@ledil.com
FAX: +358-2-733 8001

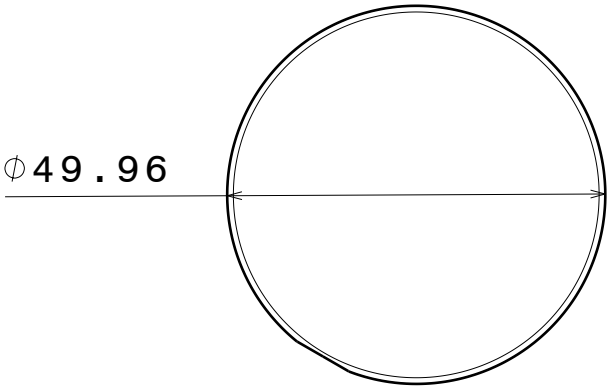


Isometric view
Scale: 1:1









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:

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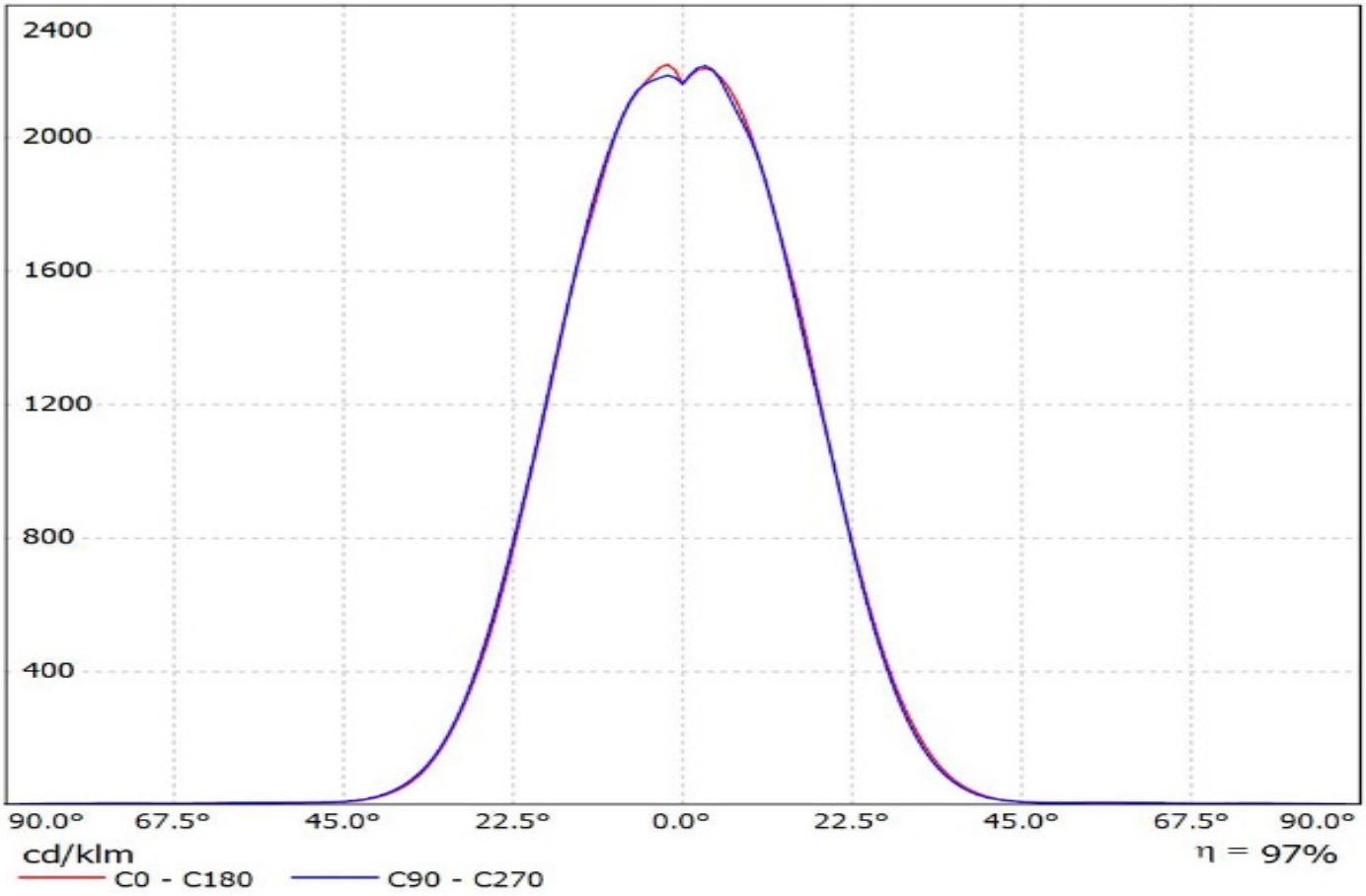
Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE
C12150_TUIJA-3-M2

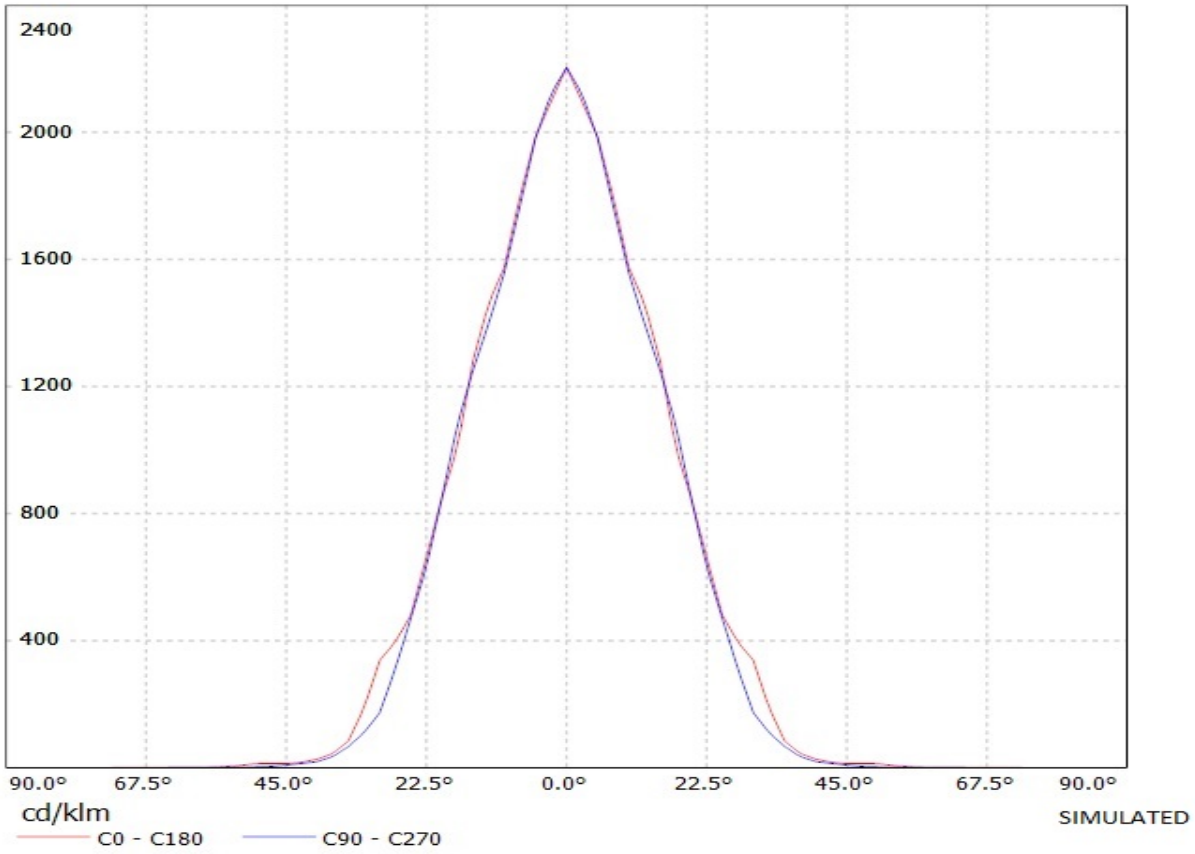
SIZE	PART NUMBER
A4	C12150

SCALE	WEIGHT		SHEET
1:1	-		1/1

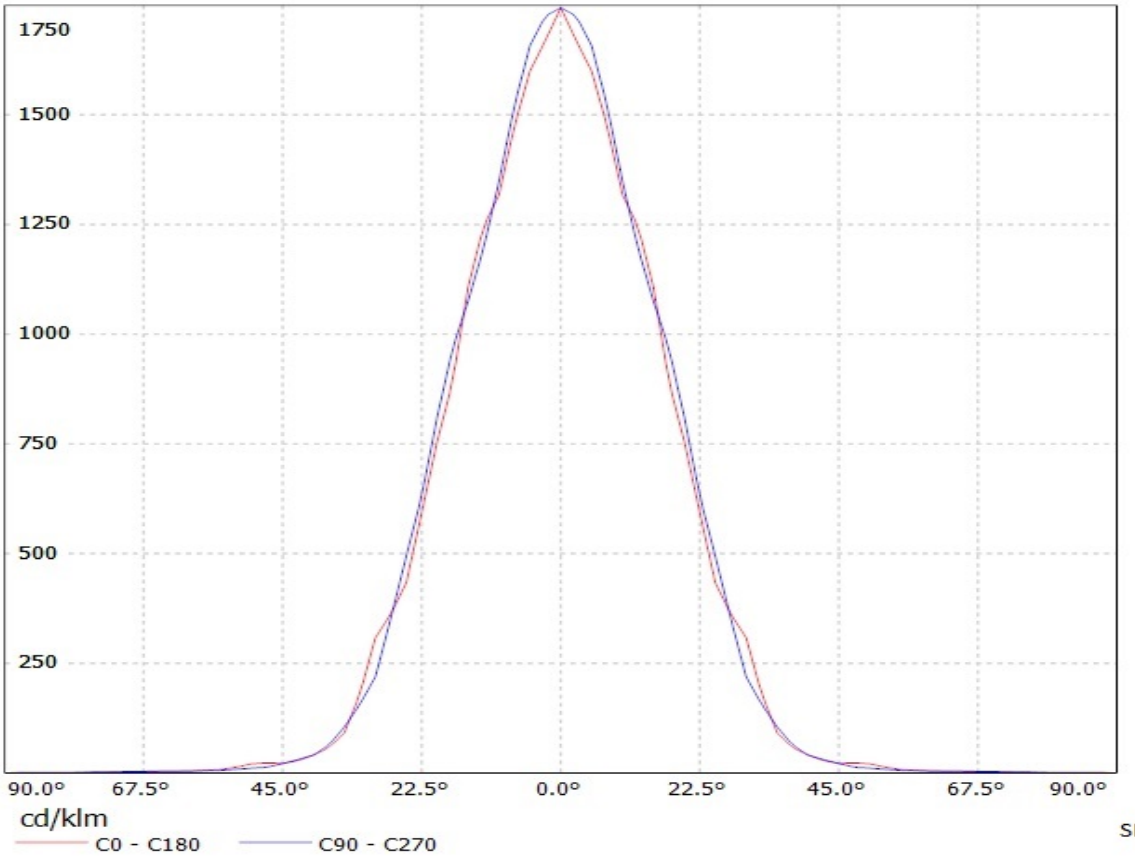
Luminaire: Ledil Oy C12150_TUIJA-3-M2_(XP-G)_SIMULATED
Lamps: 1 x Cree XP-G



Luminaire: Ledil Oy C12150_Tuija-M2_XP C12150_Tuija-M2_XP
Lamps: 1 x 3xCree XP-E 228lm 250mA

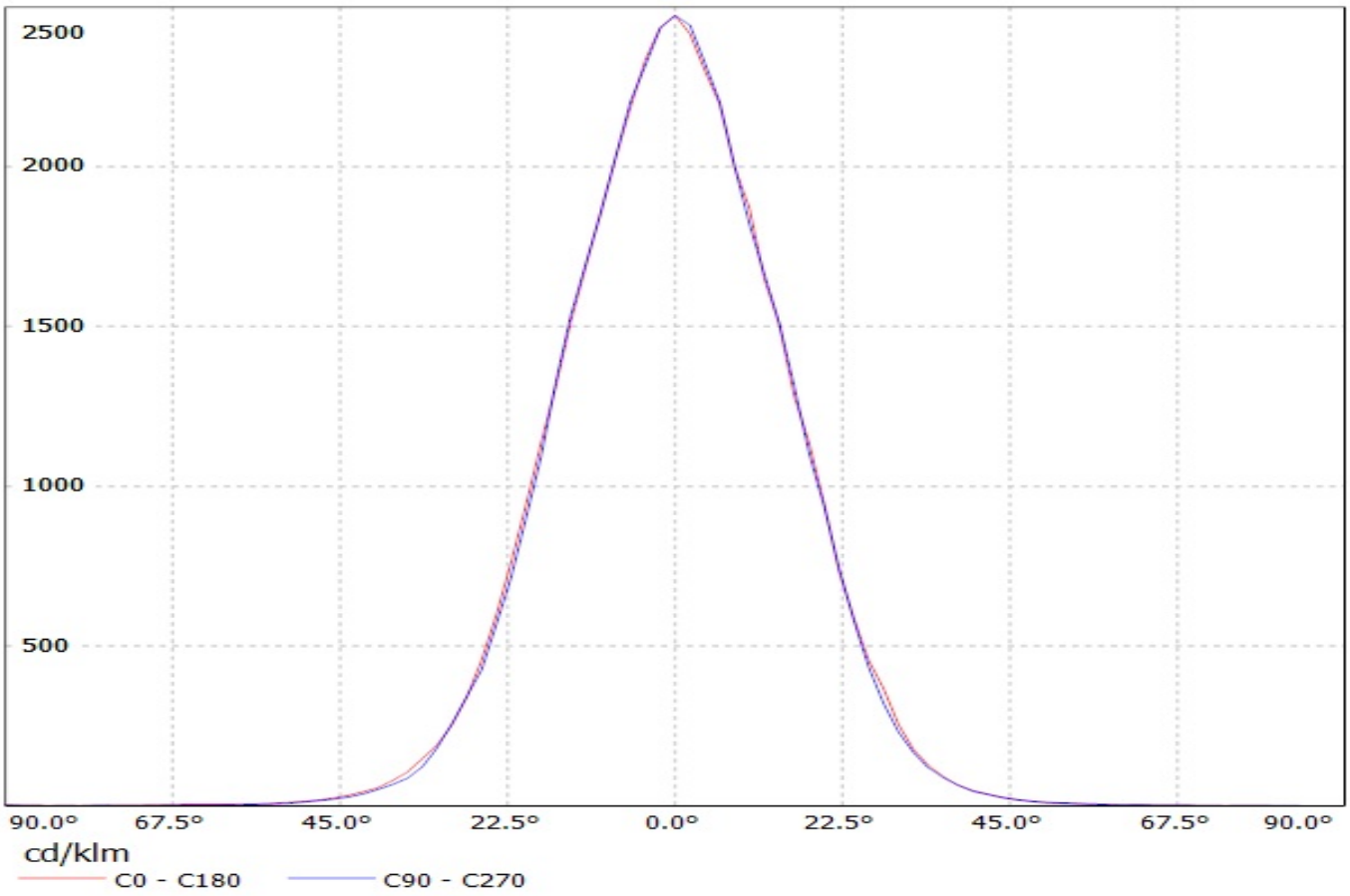


Luminaire: Ledil Oy C12150_Tuija-3-M2-RE LOR=89%
Lamps: 1 x Luxeon Rebel 87lm 250mA

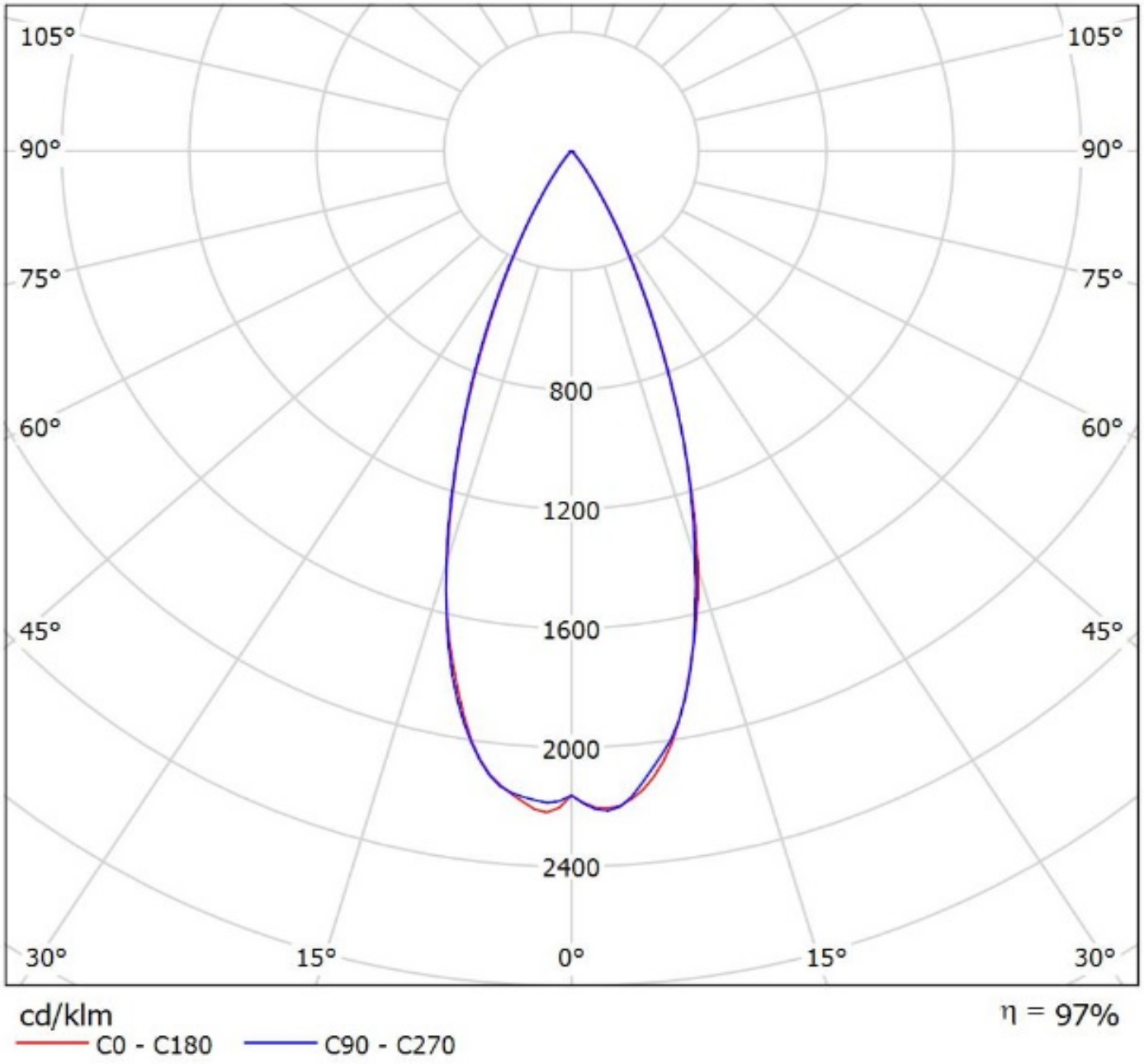


SIMULATED

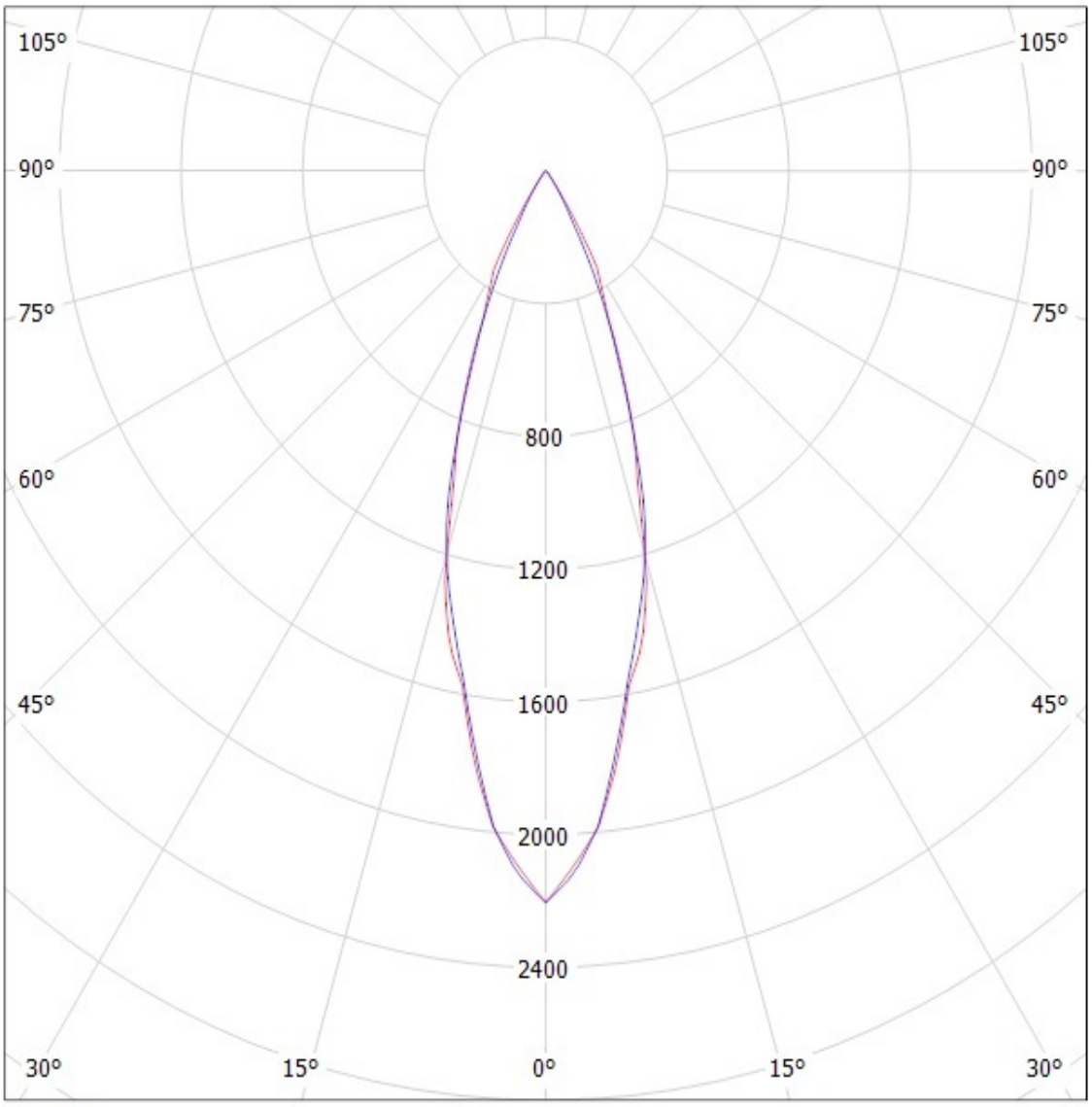
Luminaire: Ledil oy C12150_TUIJA-3-M2 (Seoul Z5 223lm @ 250mA) Efficiency=92%
Lamps: 1 x Seoul Z5 223lm @ 250mA



Luminaire: Ledil Oy C12150_TUIJA-3-M2_(XP-G)_SIMULATED
Lamps: 1 x Cree XP-G



Luminaire: Ledil Oy C12150_Tuija-M2_XP C12150_Tuija-M2_XP
Lamps: 1 x 3xCree XP-E 228lm 250mA

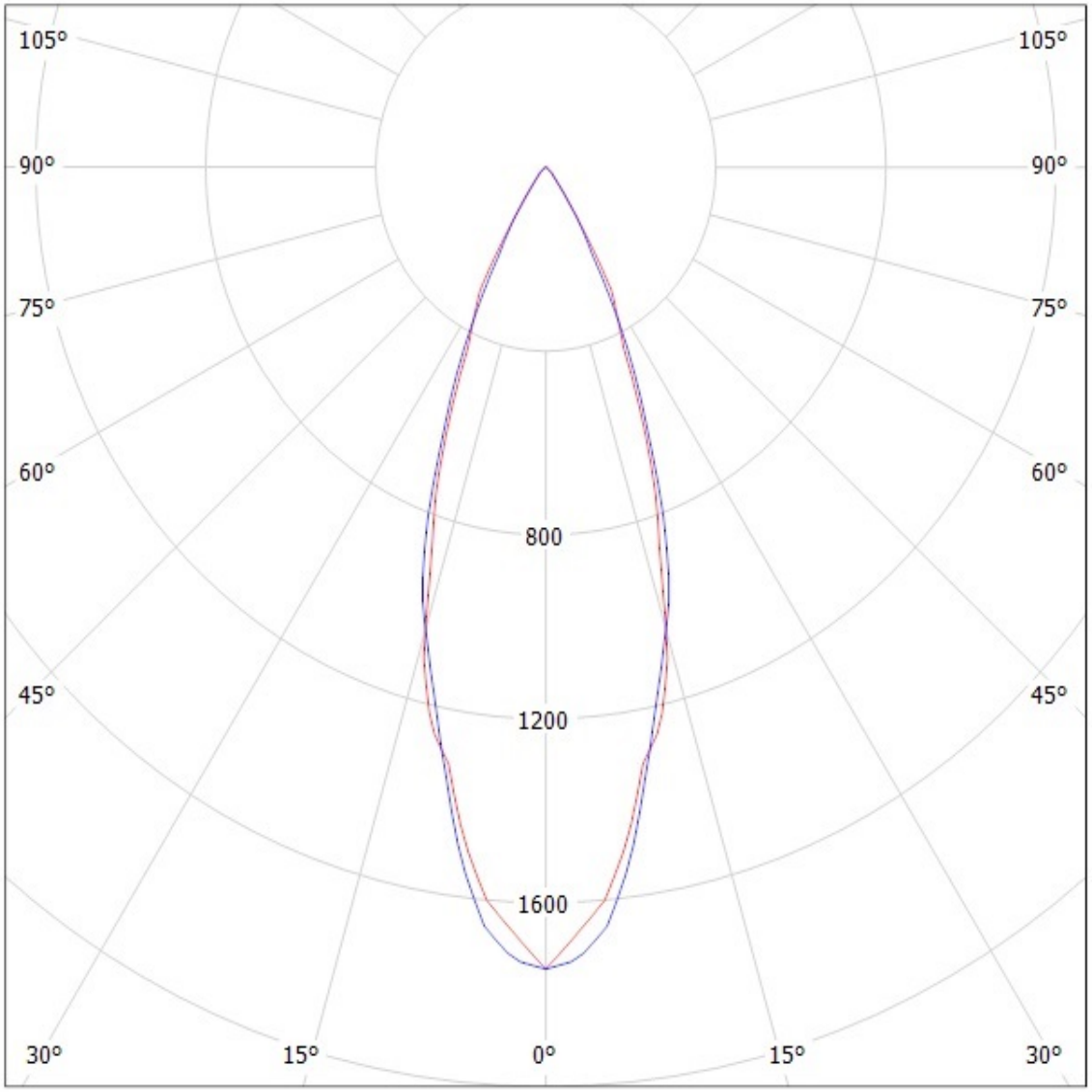


cd/klm

C0 - C180 C90 - C270

SIMULATED

Luminaire: Ledil Oy C12150_Tuija-3-M2-RE LOR=89%
Lamps: 1 x Luxeon Rebel 87lm 250mA

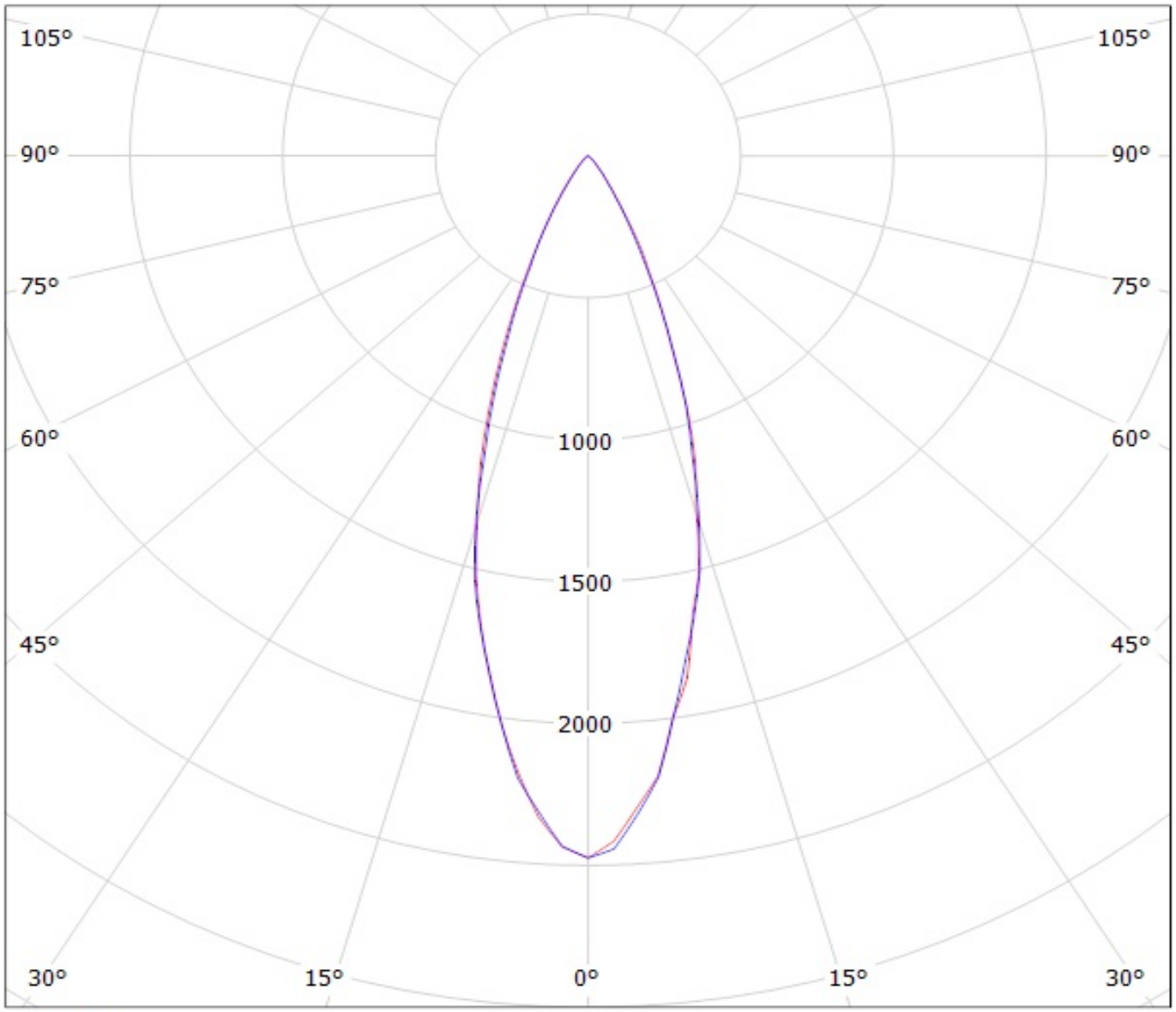


cd/klm

SIMULATED

C0 - C180 C90 - C270

Luminaire: Ledil oy C12150_TUIJA-3-M2 (Seoul Z5 223lm @ 250mA) Efficiency=92%
Lamps: 1 x Seoul Z5 223lm @ 250mA



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.