PRODUCT DATASHEET
Tuija series
last update 1/12/2014

DETAILS

Product Number	C11191_TUIJA-3-W
Family	Tuija
Type	Lens array
Color	clear
Diameter	50 mm
Height	14,5 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	glue, pin
Status	production ready
ROHS Comliant	Yes
Date Updated	1/12/2014

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
XP-E	58 deg	Wide	86 %	0.920	-
XP-G	59 deg	Wide	86 %	0.750	-
XB-D	49 deg	Wide	86 %	1.100	-
LUXEON Rebel	48 deg	Wide	86 %	1.100	-
LUXEON Rebel ES	56 deg	Wide	86 %	0.870	-
LUXEON A	56 deg	Wide	86 %	-	-
NCSxx19A	sim: 54	Wide	86 %	-	-
NVSxx19A	sim: 54	Wide	86 %	-	-
Oslon SSL 80	46 deg	Wide	86 %	0.440	-
Oslon SSL 150	sim: 58	Wide	86 %	sim: 1.100	-
Z5	48 deg	Wide	88 %	1.400	-
Double Dome (GM2BB)	58 deg	Wide	86 %	-	-

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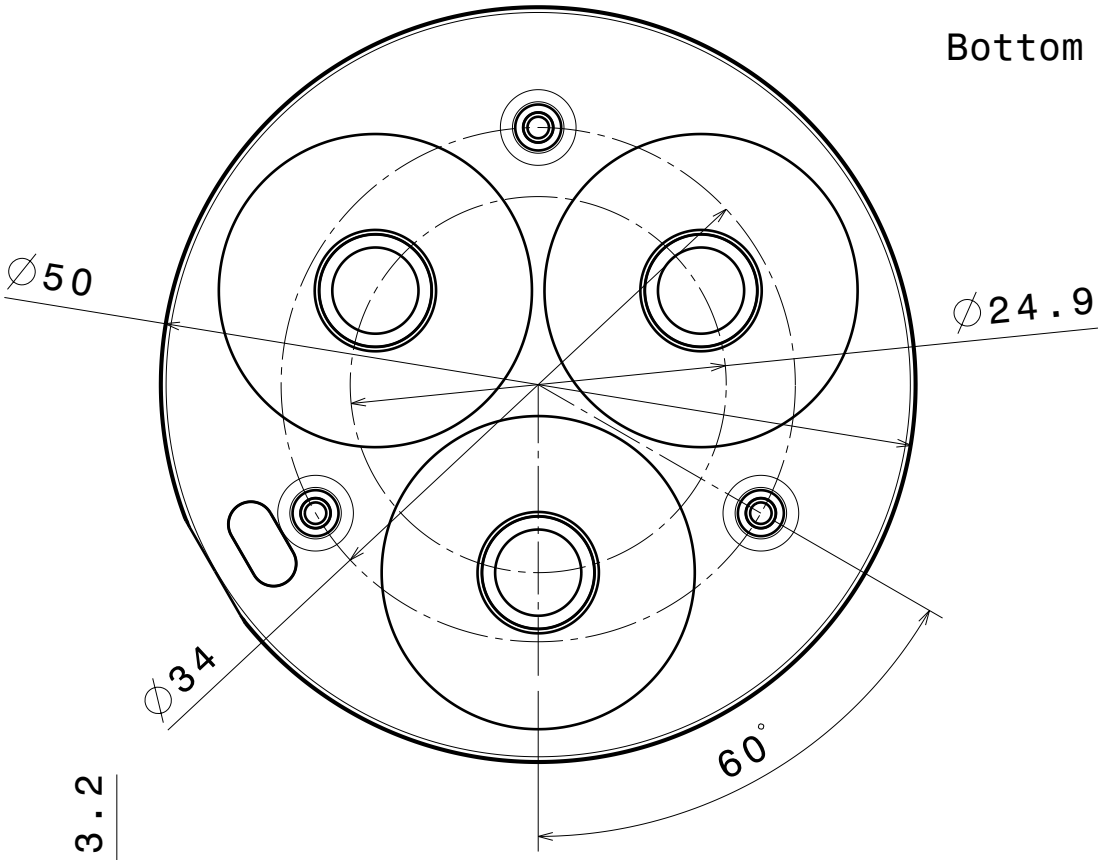
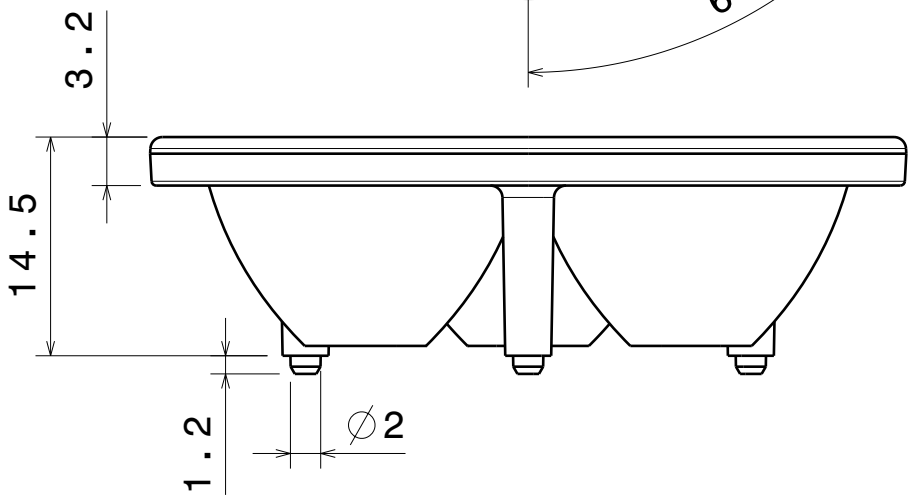
Bottom view





Front view

Part no.s:
C11191_Tuija-3-W
C11192_Tuija-3-SS
C11193_Tuija-3-M

INDEX	DESCRIPTION	MATERIAL	COLOUR
1	TUIJA3_LENS	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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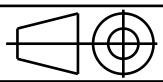
THIRD ANGLE PROJECTION:



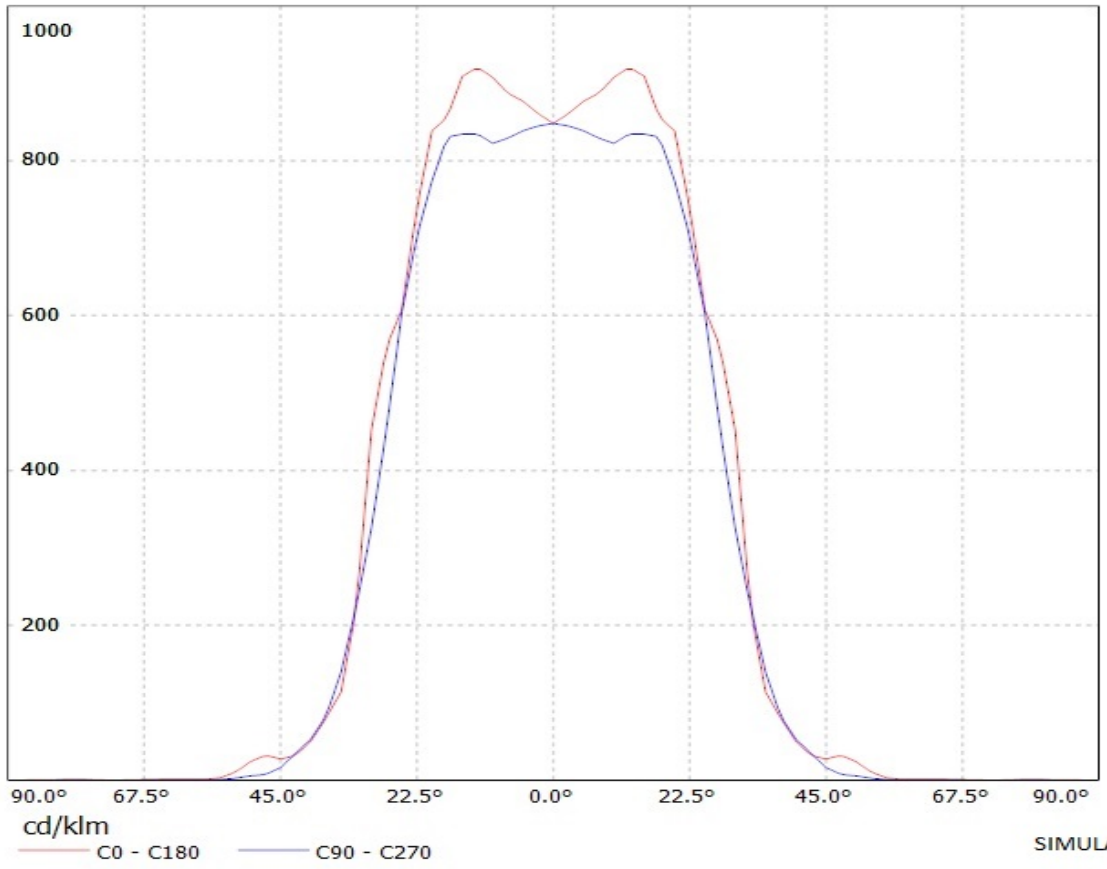
DRAWING TITLE

TUIJA3 lens family

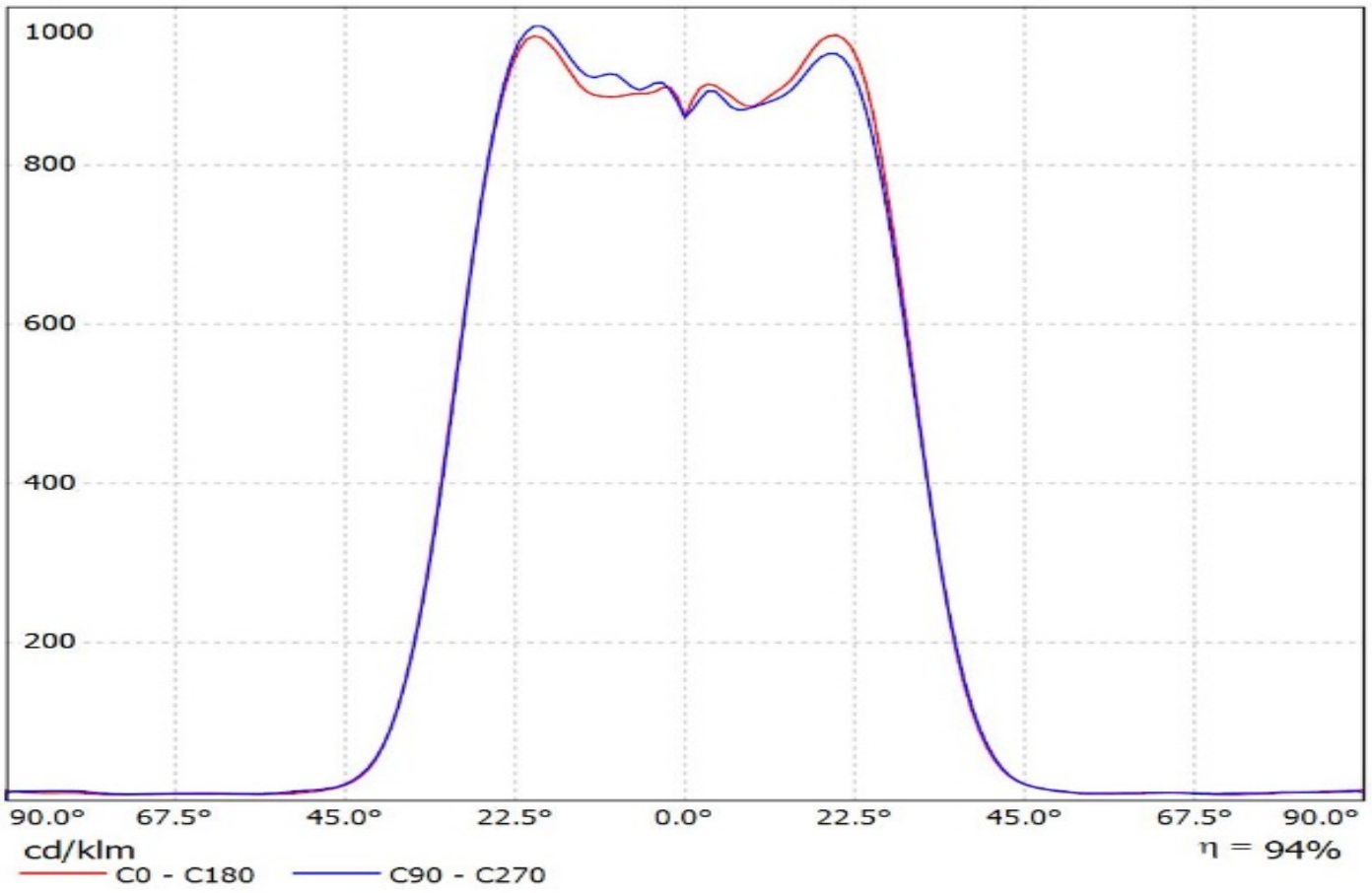
SIZE	PART NUMBER
A4	-

SCALE	WEIGHT		SHEET
2:1	-		1/1

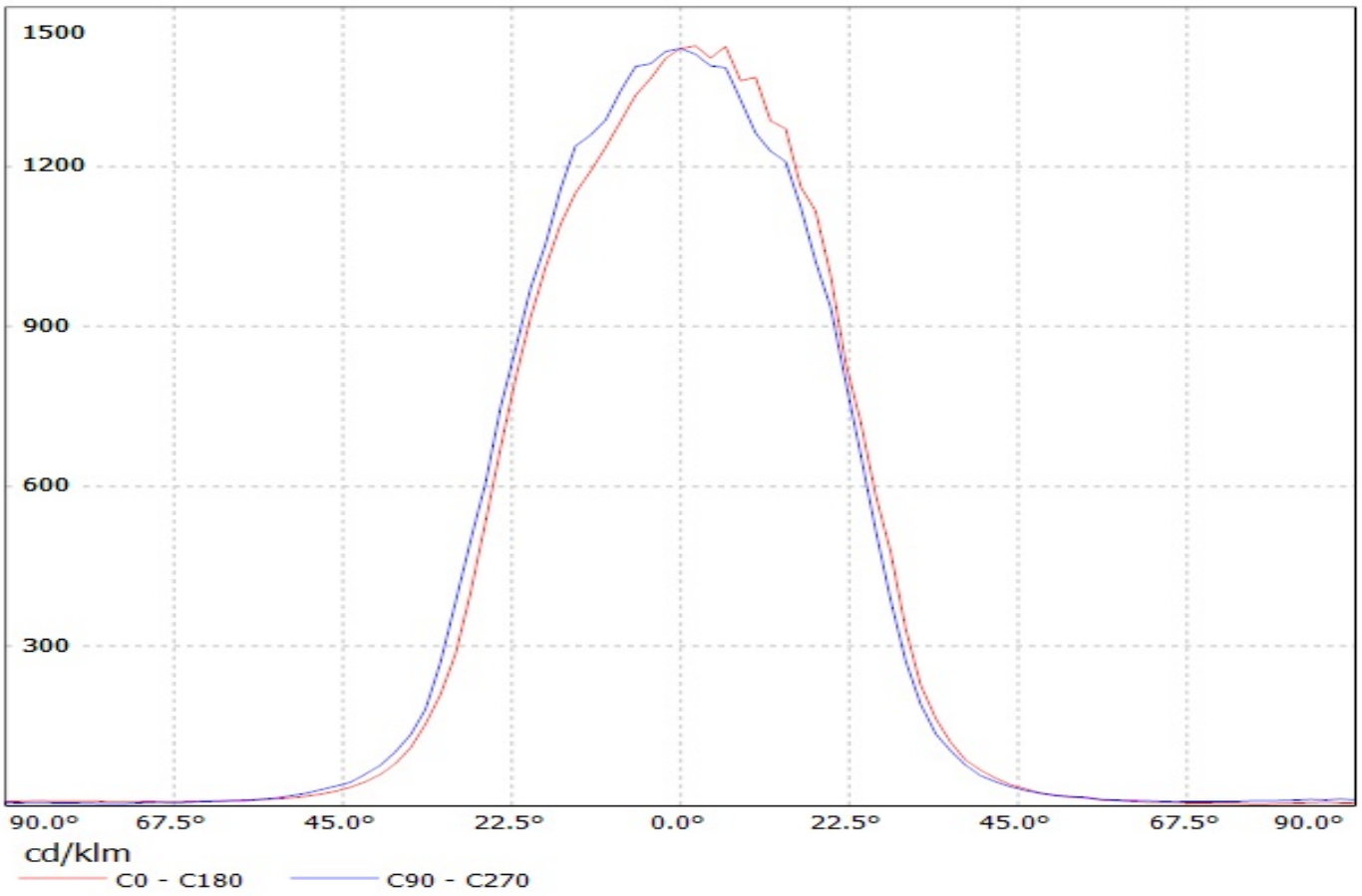
Luminaire: Ledil Oy C11191_Tuija-3-W-XP
Lamps: 1 x 3xCree XP-E 228lm 250mA



Luminaire: Ledil Oy C11191_TUIJA-3-W_(XP-G)_SIMULATED
Lamps: 1 x Cree XP-G



Luminaire: Ledil Oy C11191_TUIJA-3-W (Seoul Z5 223lm @ 250mA) Efficiency=88%
Lamps: 1 x Seoul Z5 223lm @ 250mA



Luminaire: Ledil Oy C11191_TUIJA-3-W_(XP-G)_SIMULATED
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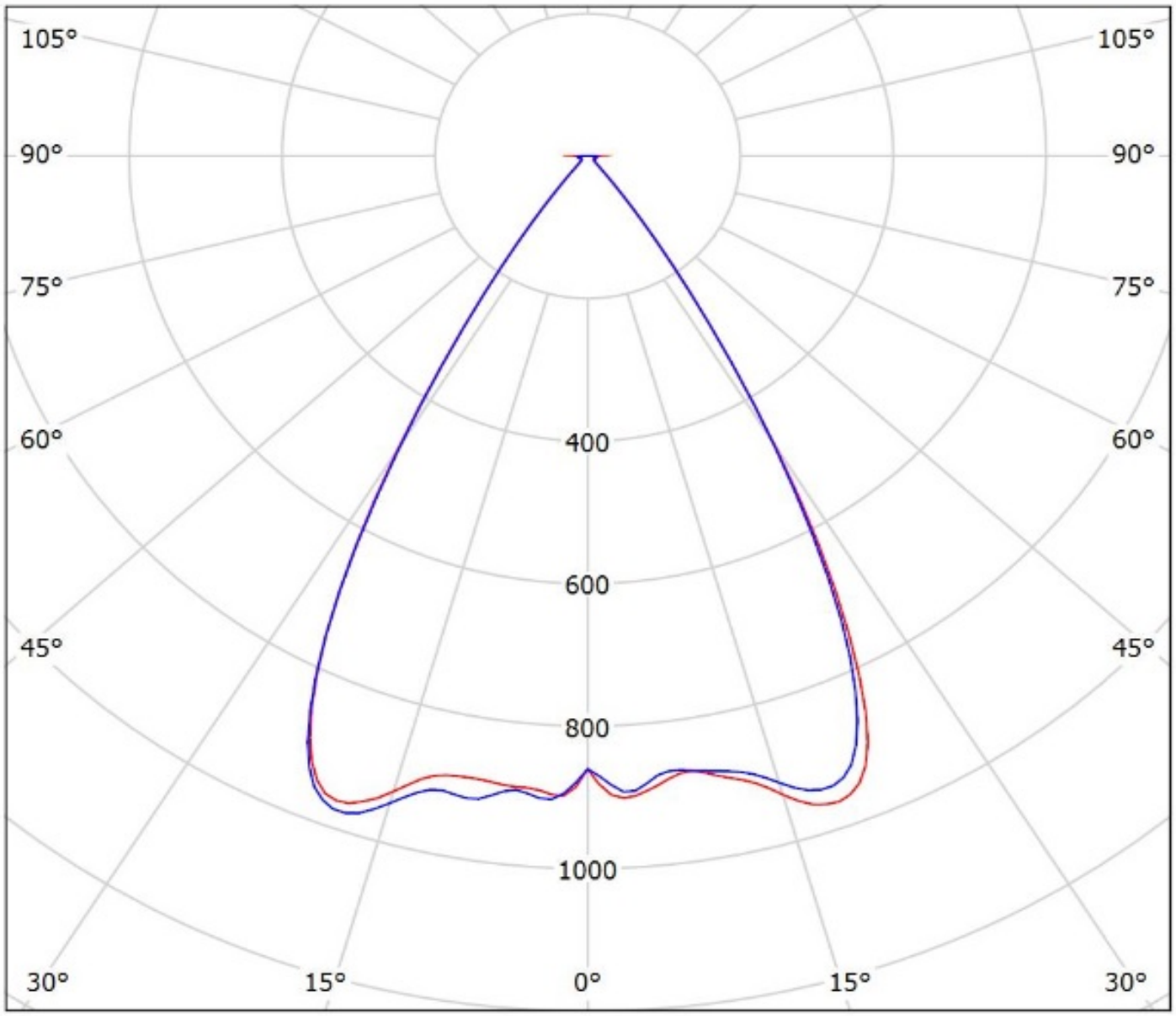

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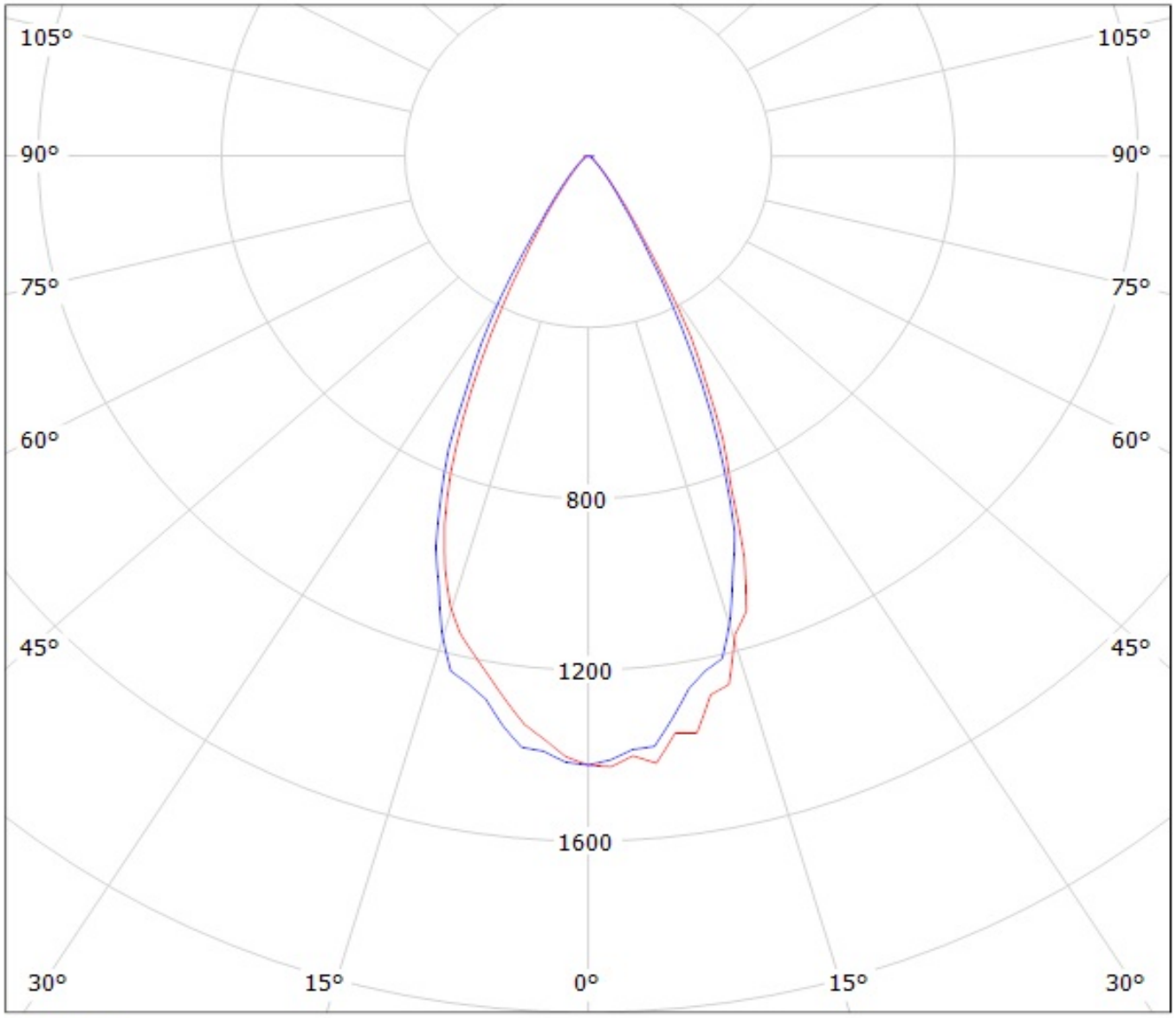

NOTE: The typical divergence will be changed by different color, chip size and chip position tolerance. The typical total divergence is the full angle measured where the luminous intensity is half of the peak value.