

DETAILS

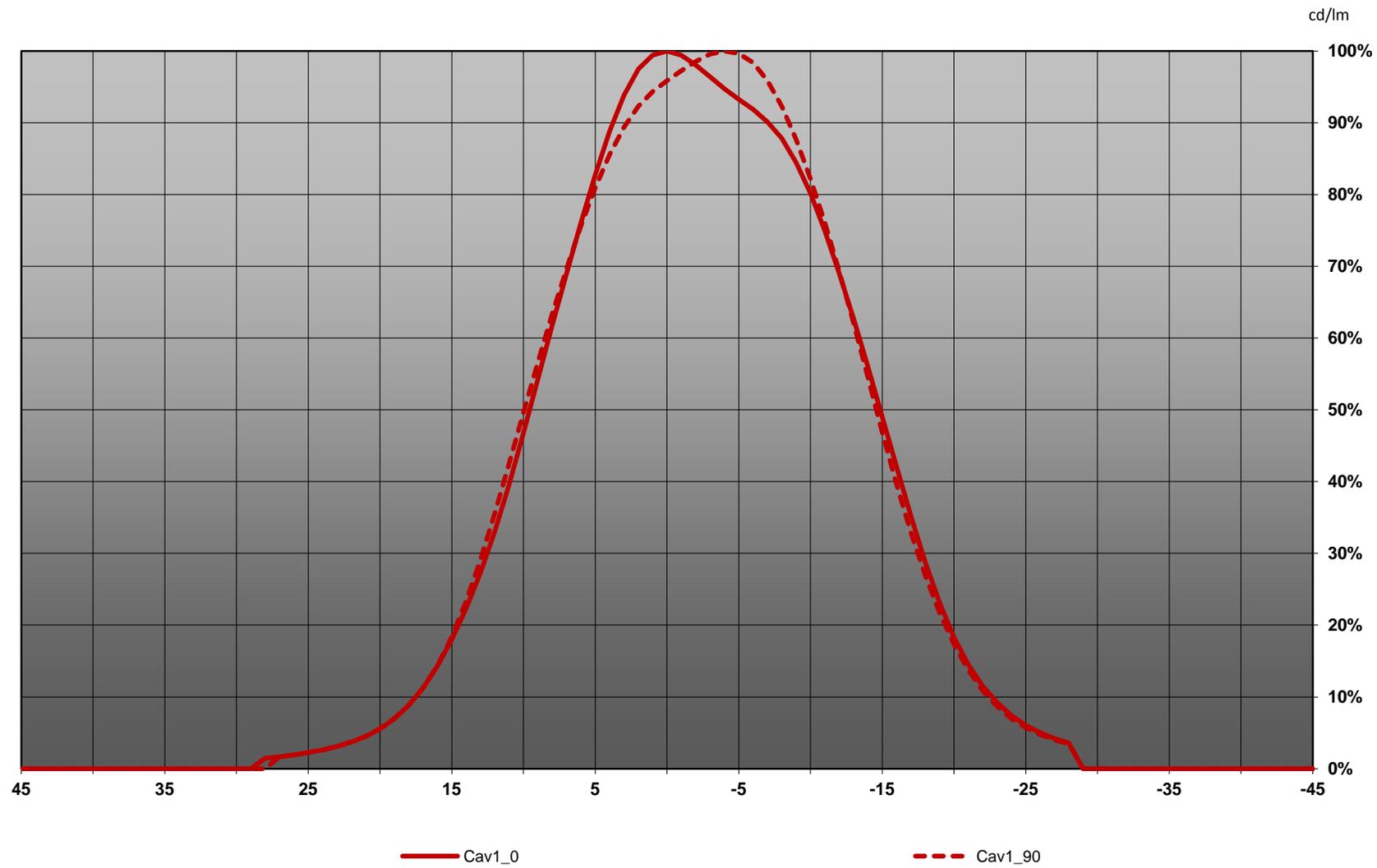
Product Number	CA12893_HEIDI-WR
Family	Heidi
Type	Assembly
Color	clear
Diameter	21,6 mm
Height	11,7 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	tape, pin
Status	production ready
ROHS Compliant	Yes
Date Updated	8/06/2016



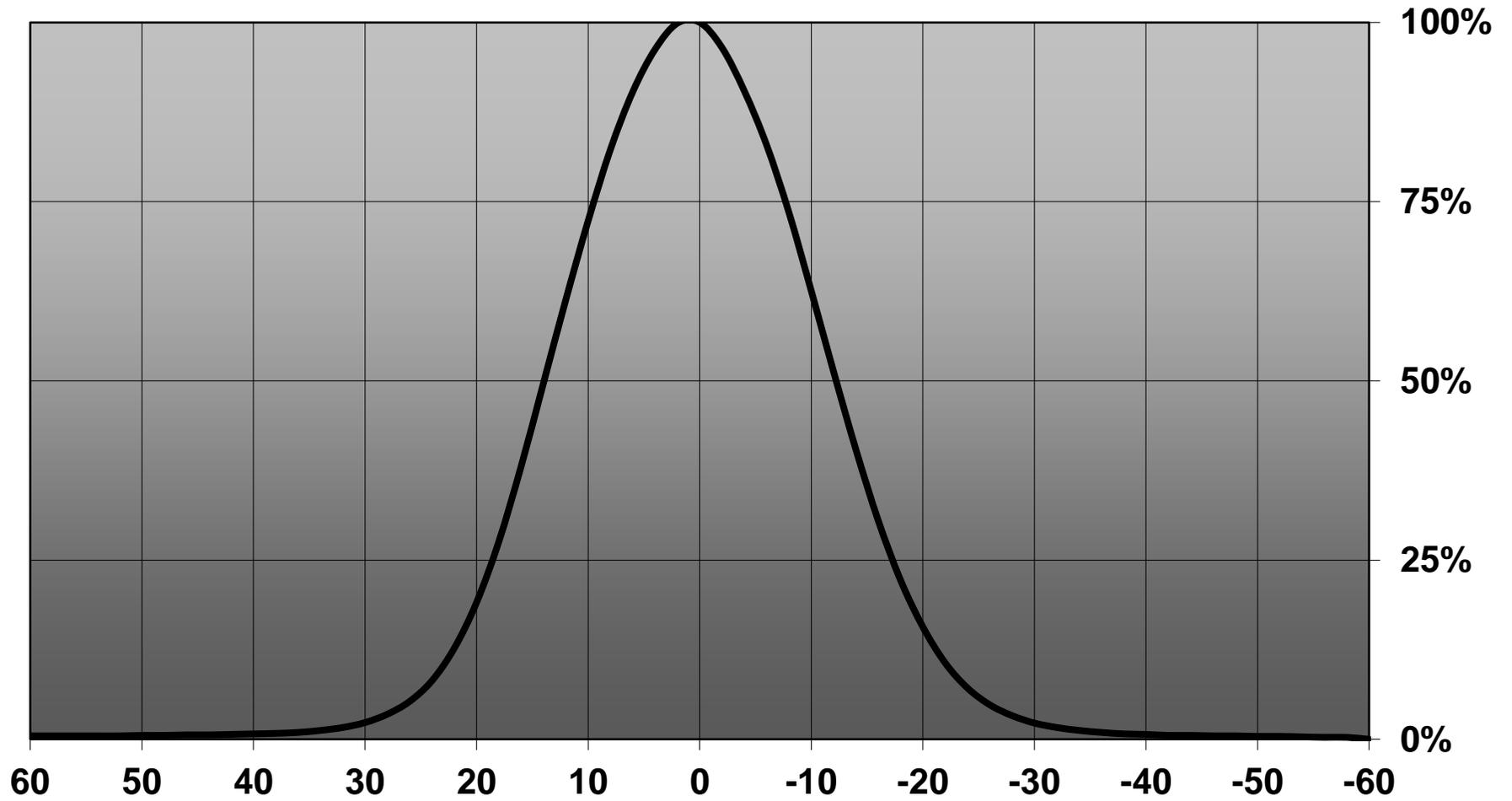
OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
XP-G	31 deg	Wide	-	-	-
LUXEON Z ES	24 deg	Wide	93 %	4.900	-
NVSxx19B/NVSxx19C	26 deg	Wide	87 %	4.100	-
Oslon Black Flat	sim: 22	Wide	sim: 94 %	sim: 6.900	-
Oslon Black	sim: 20	Wide	sim: 95 %	sim: 6.600	-

Relative intensity of CA12893_HEIDI-WR_(Luxeon_Z-ES)



Relative intensity of CA12893_HEIDI-WR_(NVSxx19B)



D

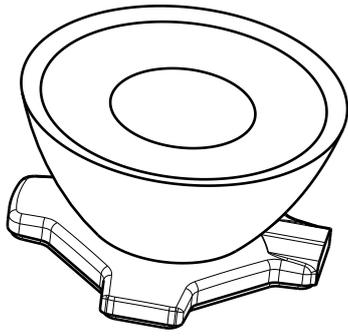
C

B

A

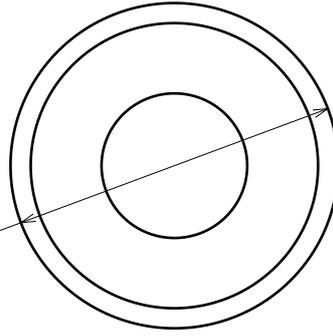
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4



Isometric view

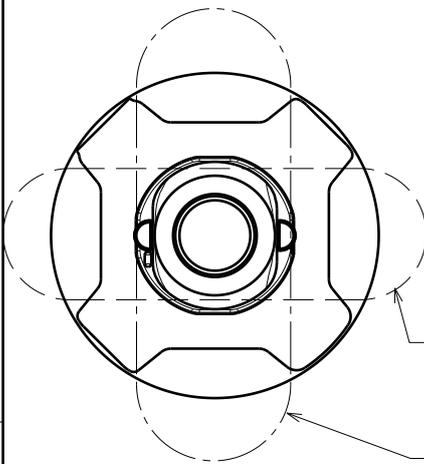
$\phi 21.6$



Top view

3

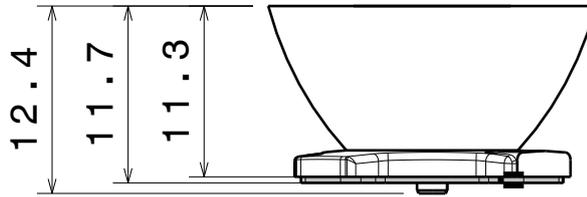
3



Bottom view
OVAL BEAM direction

Heidi-0

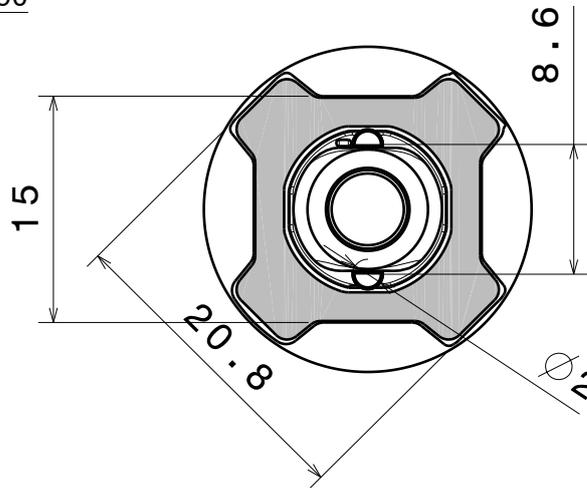
Heidi-0-90



Front view

2

2



8.6 Between pin midpoints

Bottom view

Material:
Lens PMMA
Tape PU Foam

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Ledil Oy
Salorankatu 10
FIN-24100 SALO
Finland

DRAWING TITLE

Datasheet Heidi-Series Assy

DRAWN BY
ah

DATE
1.2.2012

CHECKED BY

DATE

SIZE
A4

DRAWING NUMBER

REV
2

DESIGNED BY

DATE

SCALE 2:1 WEIGHT (g)

SHEET 1/1

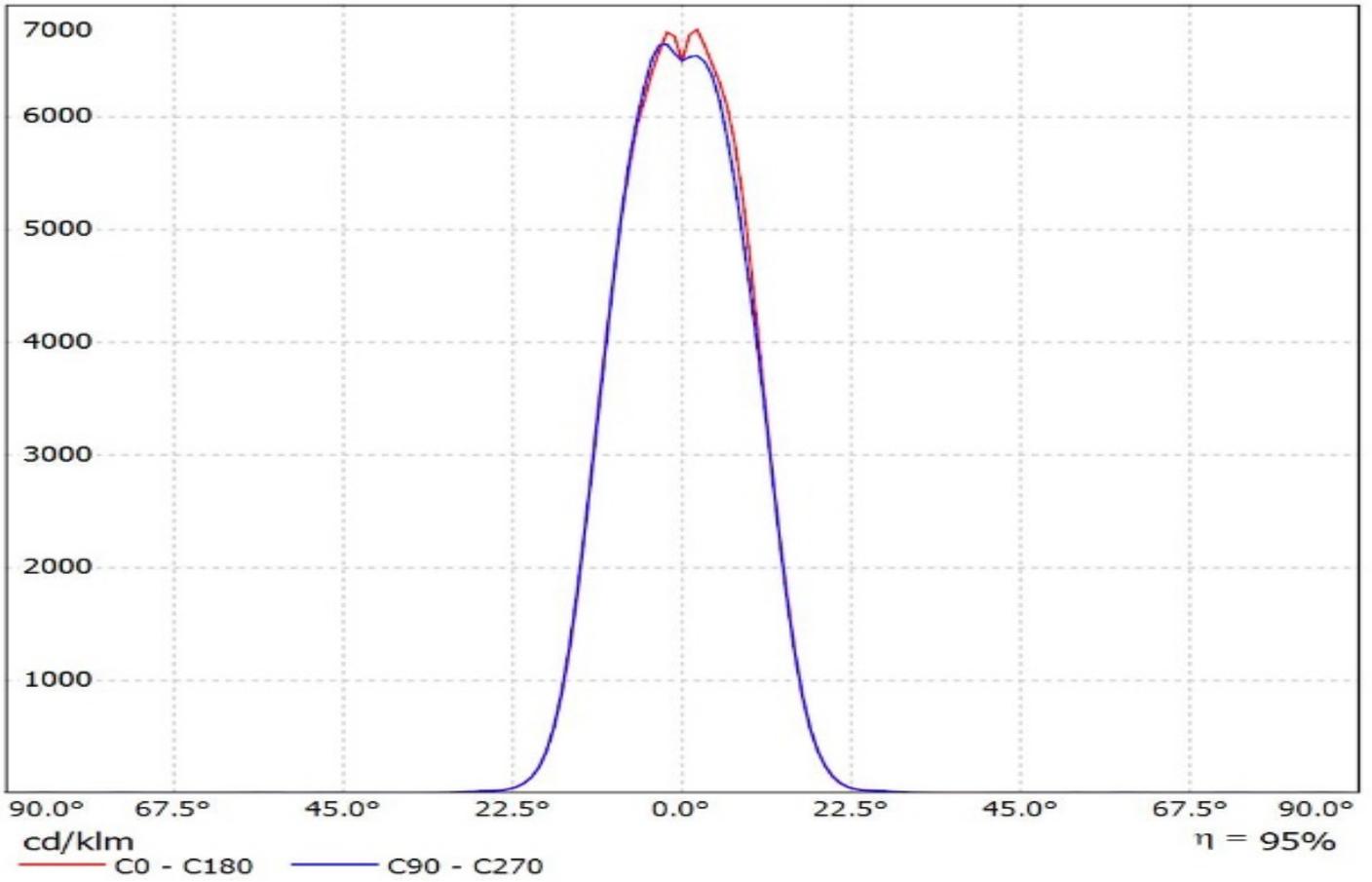
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A

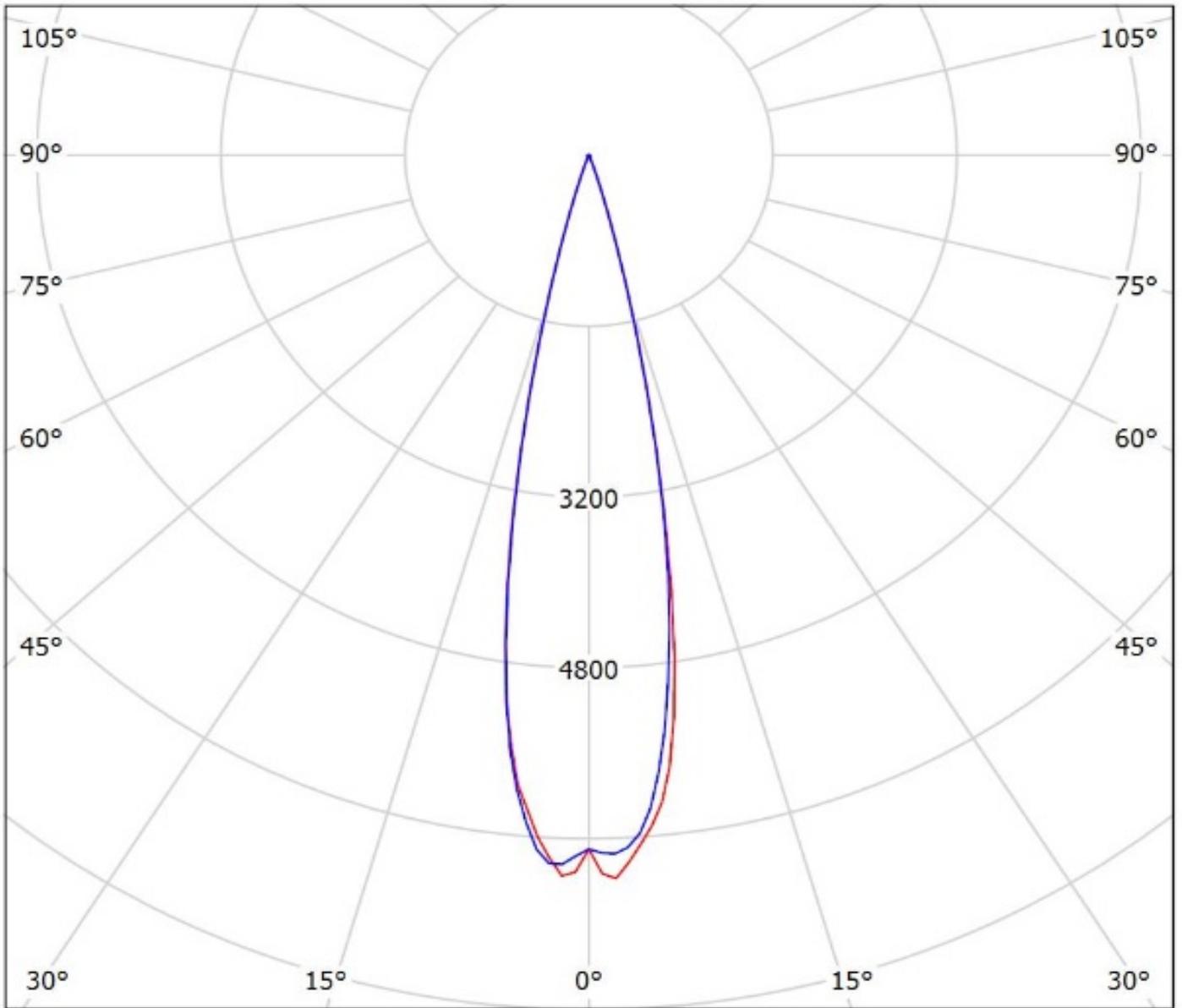
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1

Luminaire: Ledil Oy CA12893_HEIDI-WR_(Oslon_Black_Flat)_SIMULATED
Lamps: 1 x Osram Oslon Black Flat (LUV HWQP)



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cd/klm

— C0 - C180 — C90 - C270

$\eta = 95\%$

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.