

## DETAILS

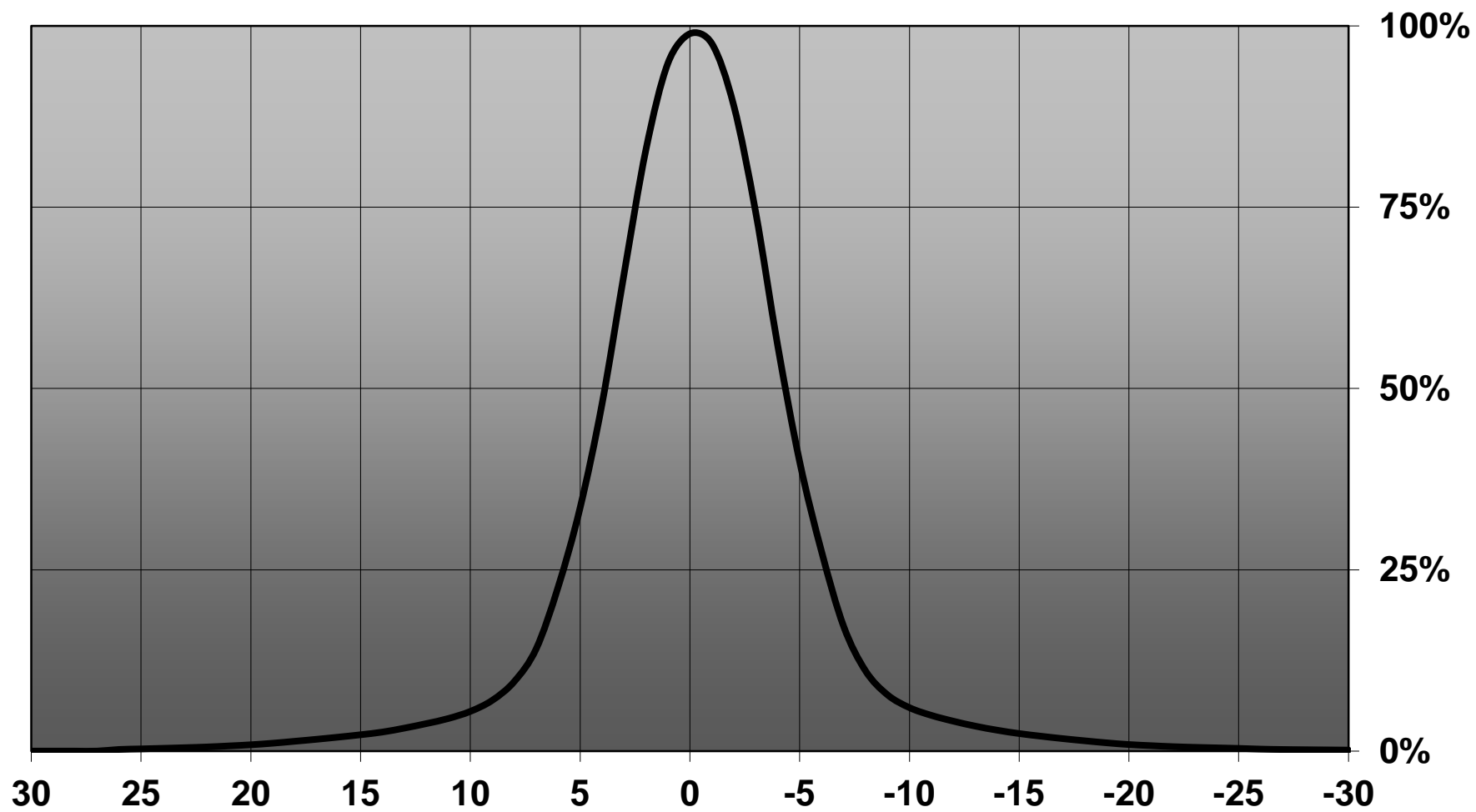
<b>Product Number</b>	CA12537_HEIDI-RS
<b>Family</b>	Heidi
<b>Type</b>	Assembly
<b>Color</b>	clear
<b>Diameter</b>	21.6 mm
<b>Height</b>	11,7 mm
<b>Style</b>	round
<b>Optic Material</b>	PMMA
<b>Holder Material</b>	
<b>Fastening</b>	pin, tape
<b>Status</b>	ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	19/01/2015



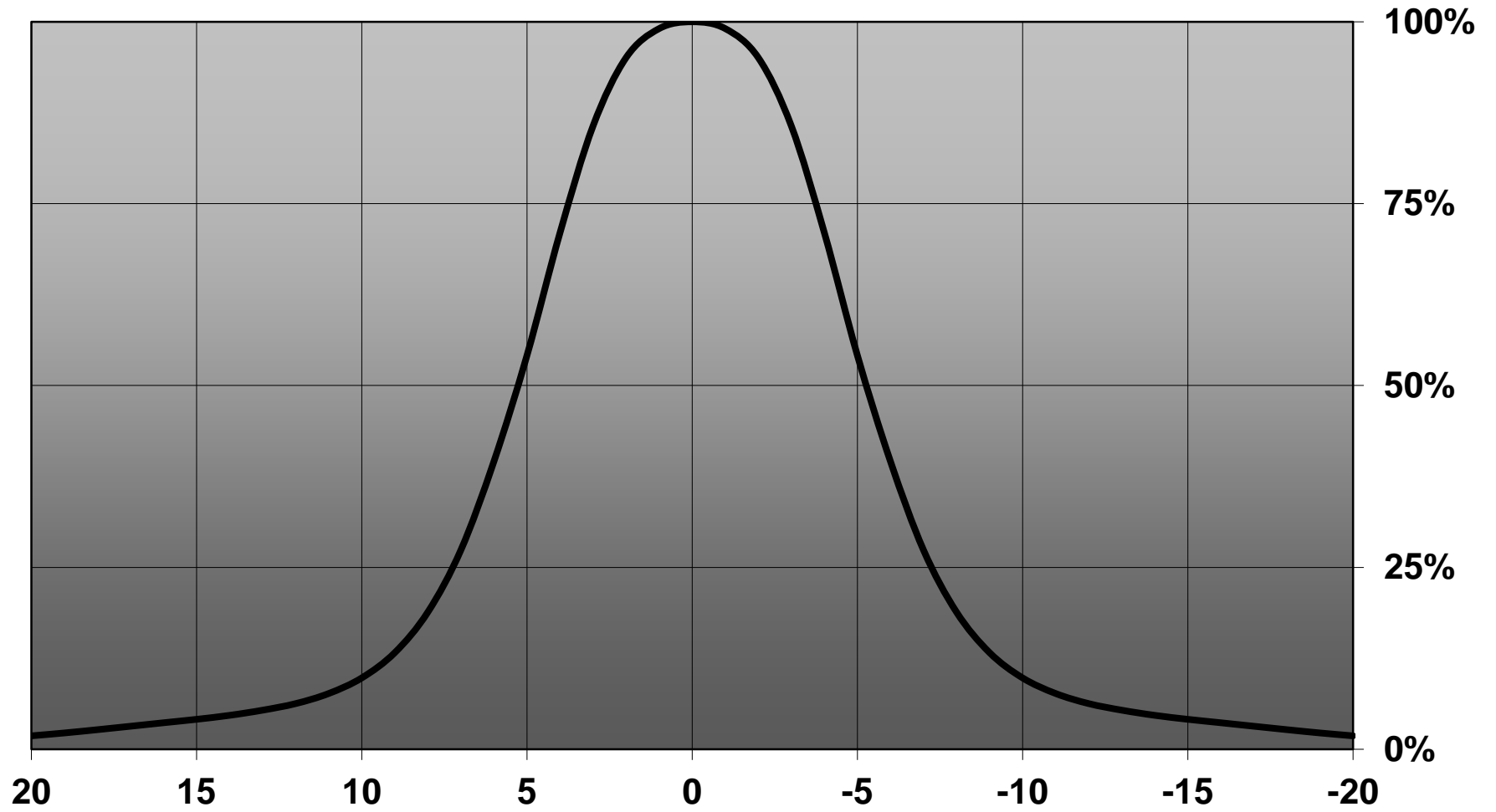
## OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
LUXEON R	sim: 11	Real spot	-	sim: 0.000	-
Oslo SSL 150	7 deg	Real spot	89 %	28.500	-
LUXEON Rebel	8 deg	Real spot	88 %	26.000	-
LUXEON Rebel ES	11 deg	Real spot	86 %	15.100	-
LUXEON A	11 deg	Real spot	87 %	15.600	-
XP-L	15 deg	Real spot	89 %	8.300	-

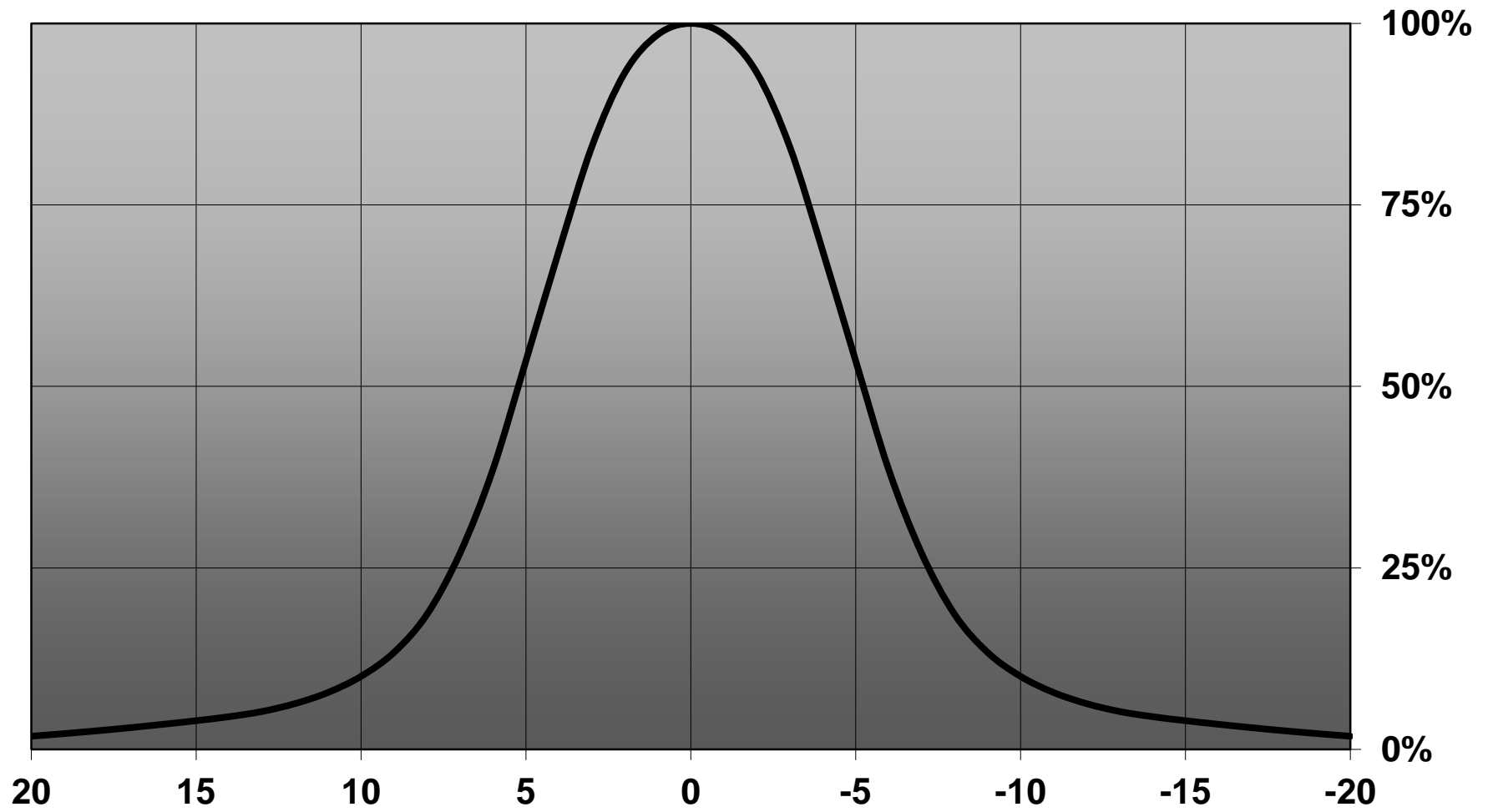
Relative intensity of CA12537\_HEIDI-RS\_(Luxeon Rebel)



**Relative intensity of CA12537\_HEIDI-RS (Rebel-ES)**



Relative intensity of CA12537\_Heidi\_RS (Luxeon A)



D

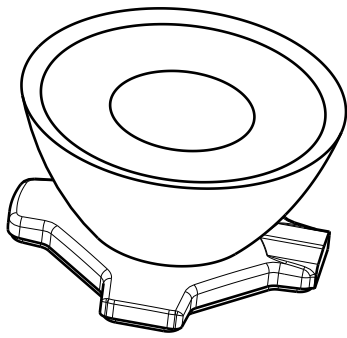
C

B

A

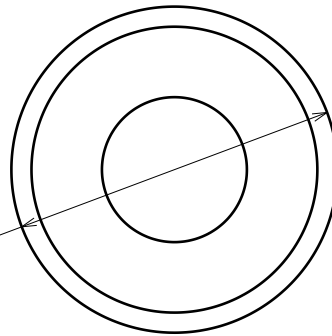
4

4



Isometric view

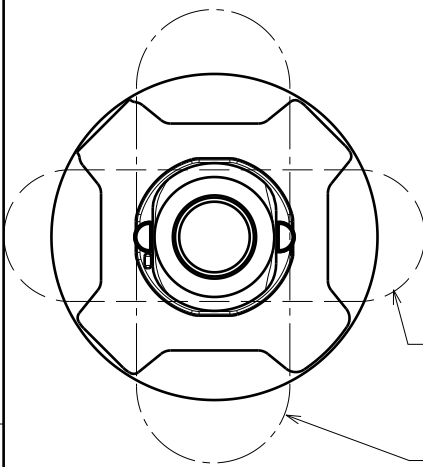
Ø 21.6



Top view

3

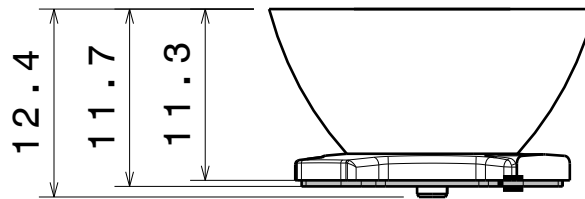
3



Bottom view  
OVAL BEAM direction

Heidi-0

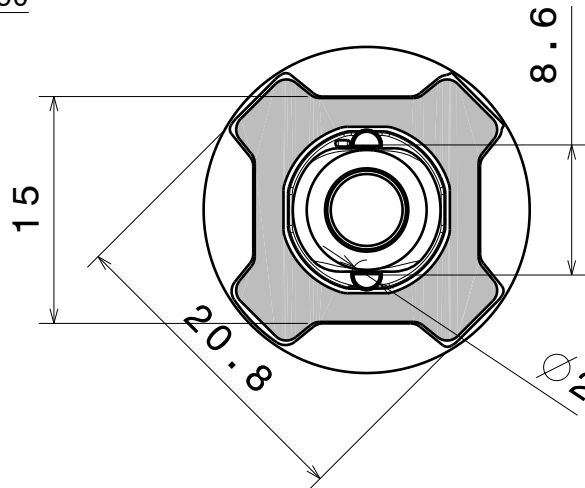
Heidi-0-90



Front view

2

2



Bottom view

8.6  
Between pin midpoints

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

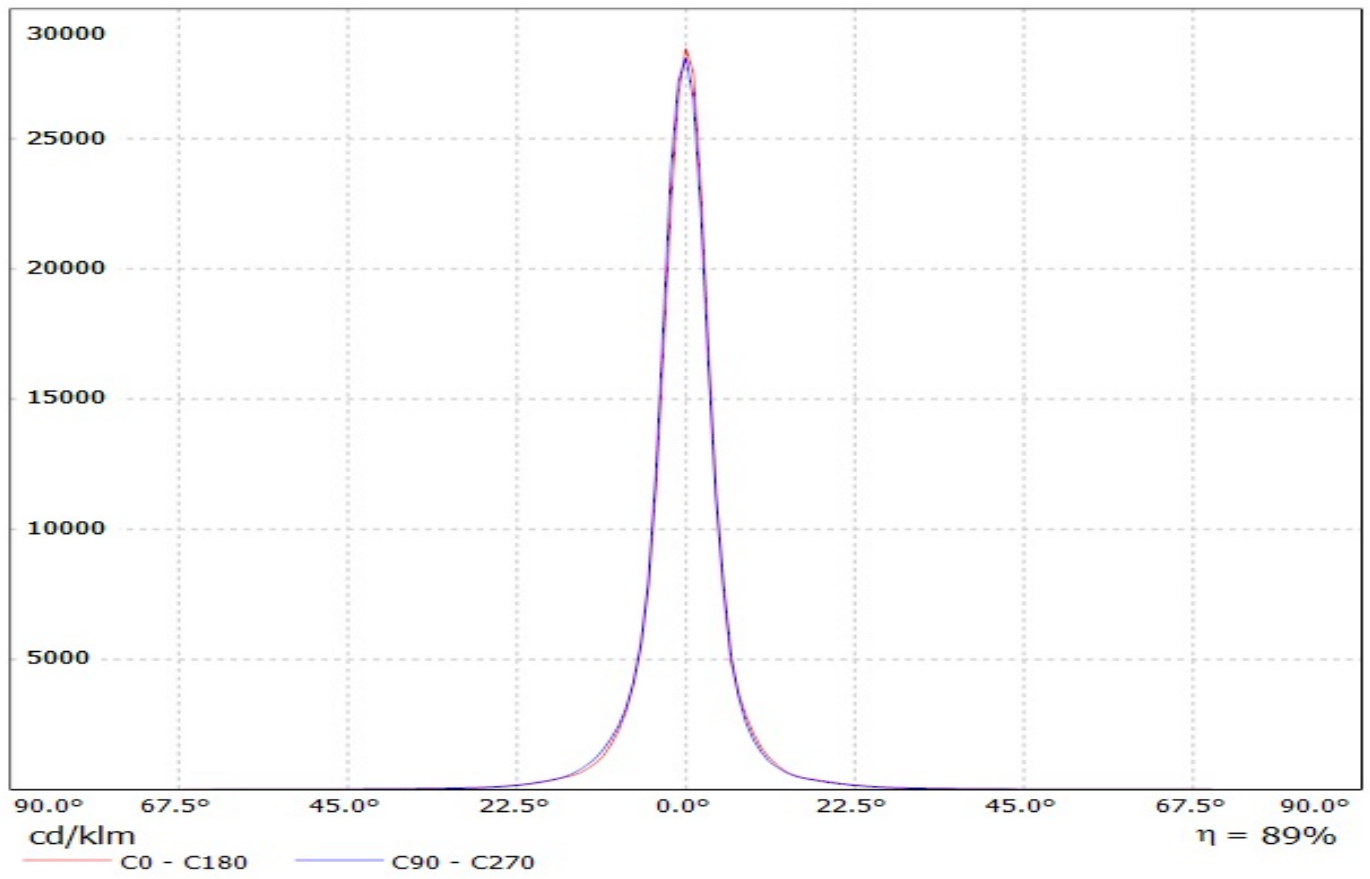
D

A

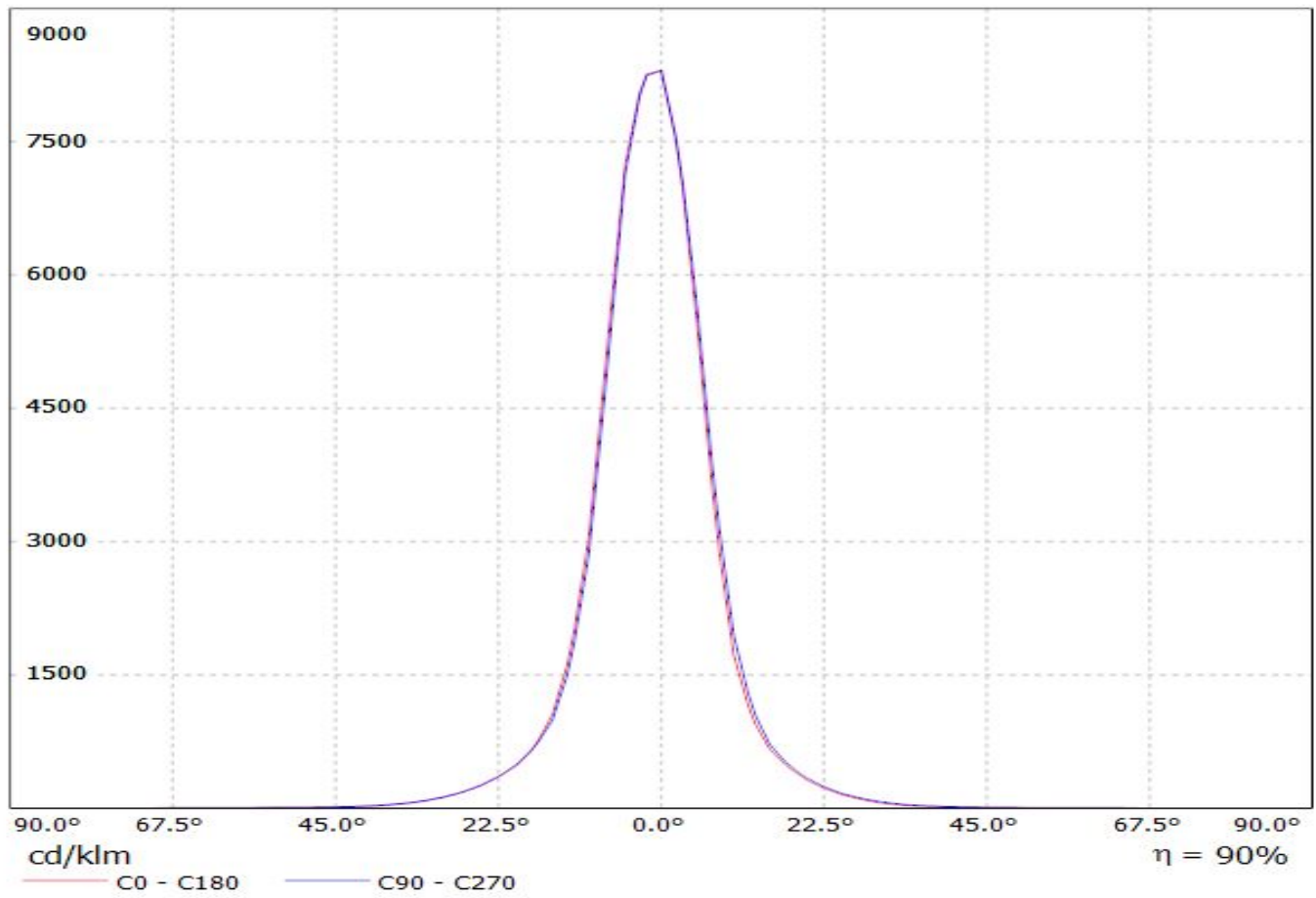
1

1

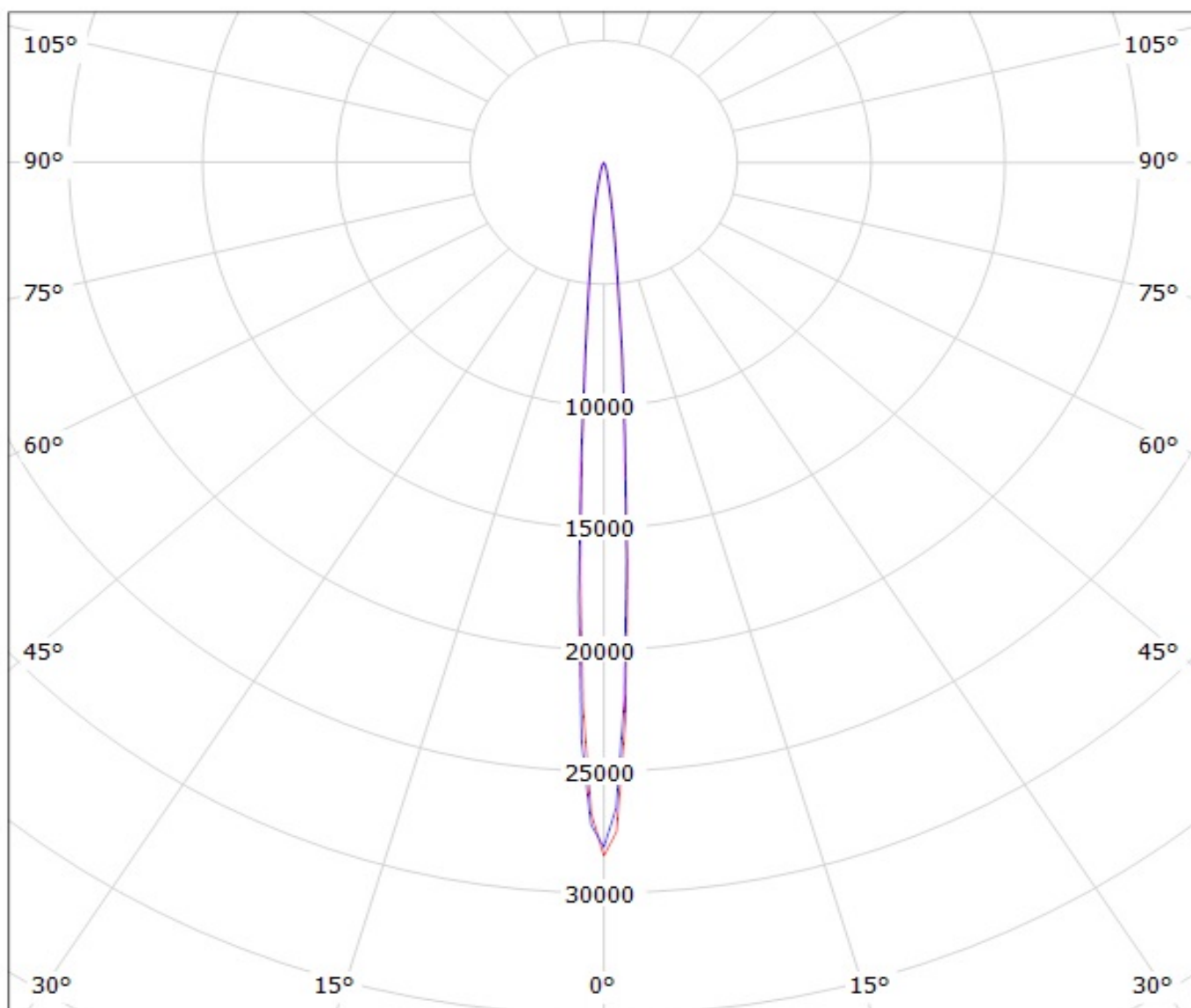
Luminaire: LEDiL Oy CA12537\_HEIDI-RS\_(Oslon\_SSL\_150)  
Lamps: 1 x Osram\_Oslon\_SSL\_150\_(LCW\_CRUP.EC-KTLP-607Q-1)  
\_77.1485lm@250mA\_P=0.744\_I=250mA



Luminaire: Ledil Oy CA12537\_HEIDI-RS\_(XP-L) Efficiency=89%  
Lamps: 1 x Cree XP-L 125lm @ 250mA CCT= P=0.76W I=250mA



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Lamps: 1 x Osram\_Oslon\_SSL\_150\_(LCW\_CRUP.EC-KTLP-607Q-1)  
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cd/klm

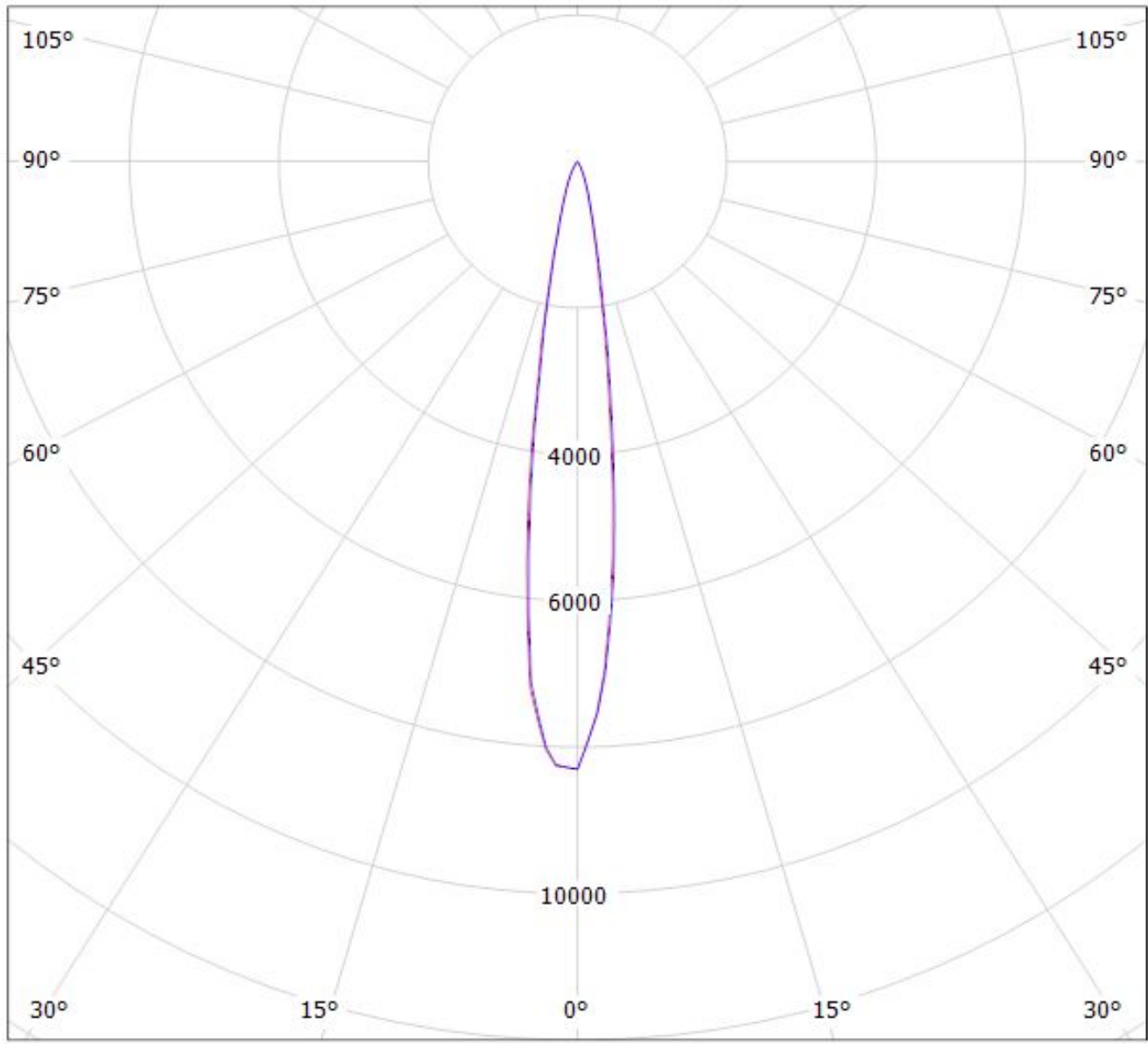
— C0 - C180

— C90 - C270

$\eta = 89\%$



Luminaire: Ledil Oy CA12537\_HEIDI-RS\_(XP-L) Efficiency=89%  
Lamps: 1 x Cree XP-L 125lm @ 250mA CCT= P=0.76W I=250mA



cd/klm  
— C0 - C180 — C90 - C270

$\eta = 90\%$

**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.**