

## DETAILS

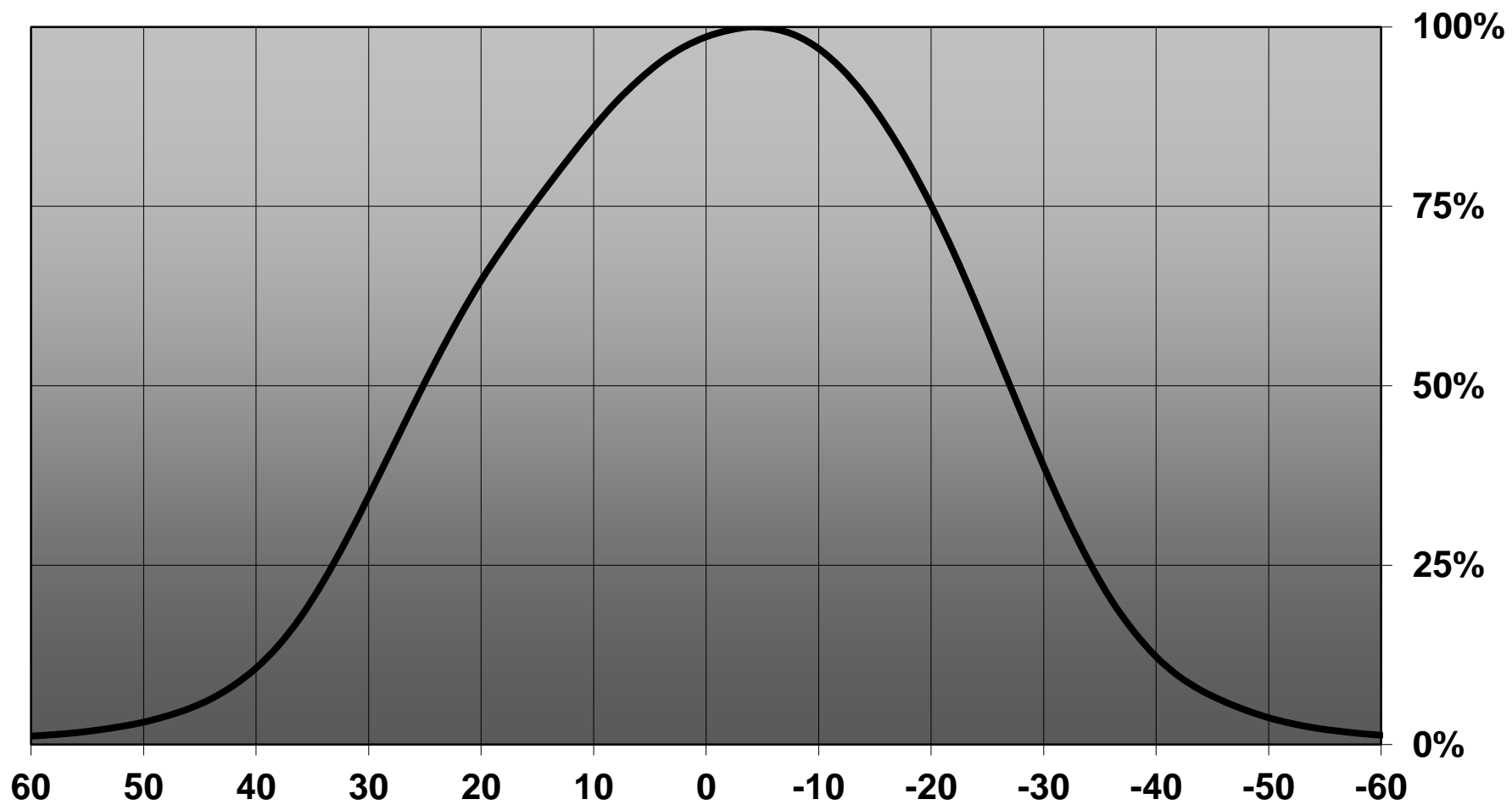
<b>Product Number</b>	C10909_EVA-WW
<b>Family</b>	Eva
<b>Type</b>	Lens
<b>Color</b>	clear
<b>Diameter</b>	35 mm
<b>Height</b>	16,4 mm
<b>Style</b>	round
<b>Optic Material</b>	PMMA
<b>Holder Material</b>	
<b>Fastening</b>	
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	10/03/2016



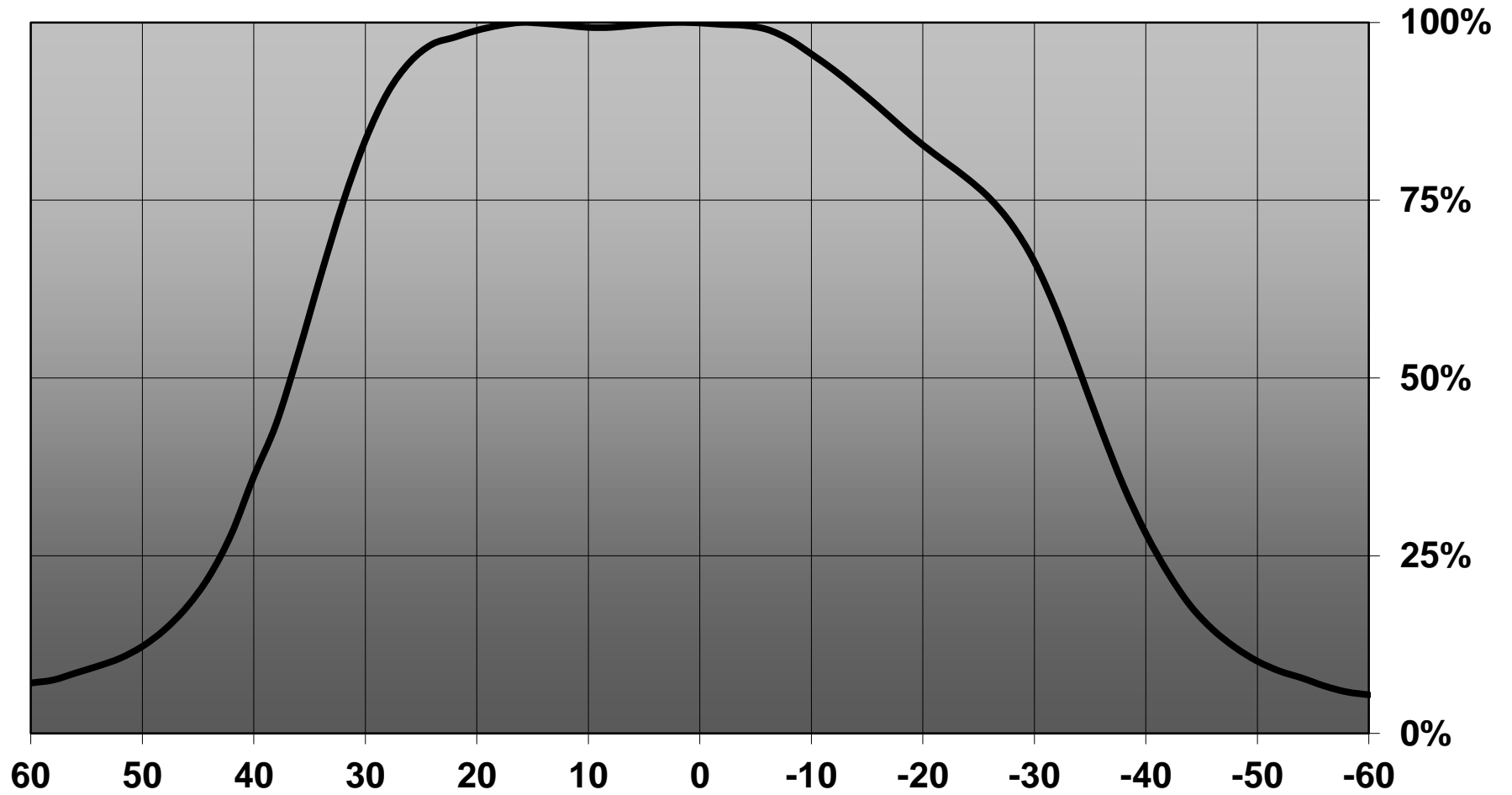
## OPTICAL PROPERTIES

LED	Viewing	Light	Effi-	cd/lm	Connector
	Angle	Beam	ciency		
MC-E	47 deg	Very Wide	90 %	1.000	-
XM-L	64 deg	Very Wide	77 %	-	-
XM-L HVW	sim: 58	Very Wide	91 %	-	-
XT-E	47 deg	Very Wide	76 %	1.100	-
MHB-A/B	52 deg	Very Wide	76 %	1.020	-
XP-G2	sim: 57	Very Wide	sim: 90 %	sim: 1.140	-
XHP35 HI	71 deg	Very Wide	75 %	0.550	-
LUXEON M/MX	65 deg	Very Wide	80 %	-	-
LUXEON 5258	sim: 50	Very Wide	sim: 93 %	sim: 1.300	-
LUXEON 5050	57 deg	Very Wide	78 %	0.970	-
Duris S8	55 deg	Very Wide	79 %	1.000	-
OSCONIQ P 7070	sim: 56	Very Wide	sim: 93 %	sim: 1.230	-
Z8Y15	45 deg	Very Wide	77 %	1.260	-
Z8Y19	47 deg	Very Wide	76 %	1.200	-

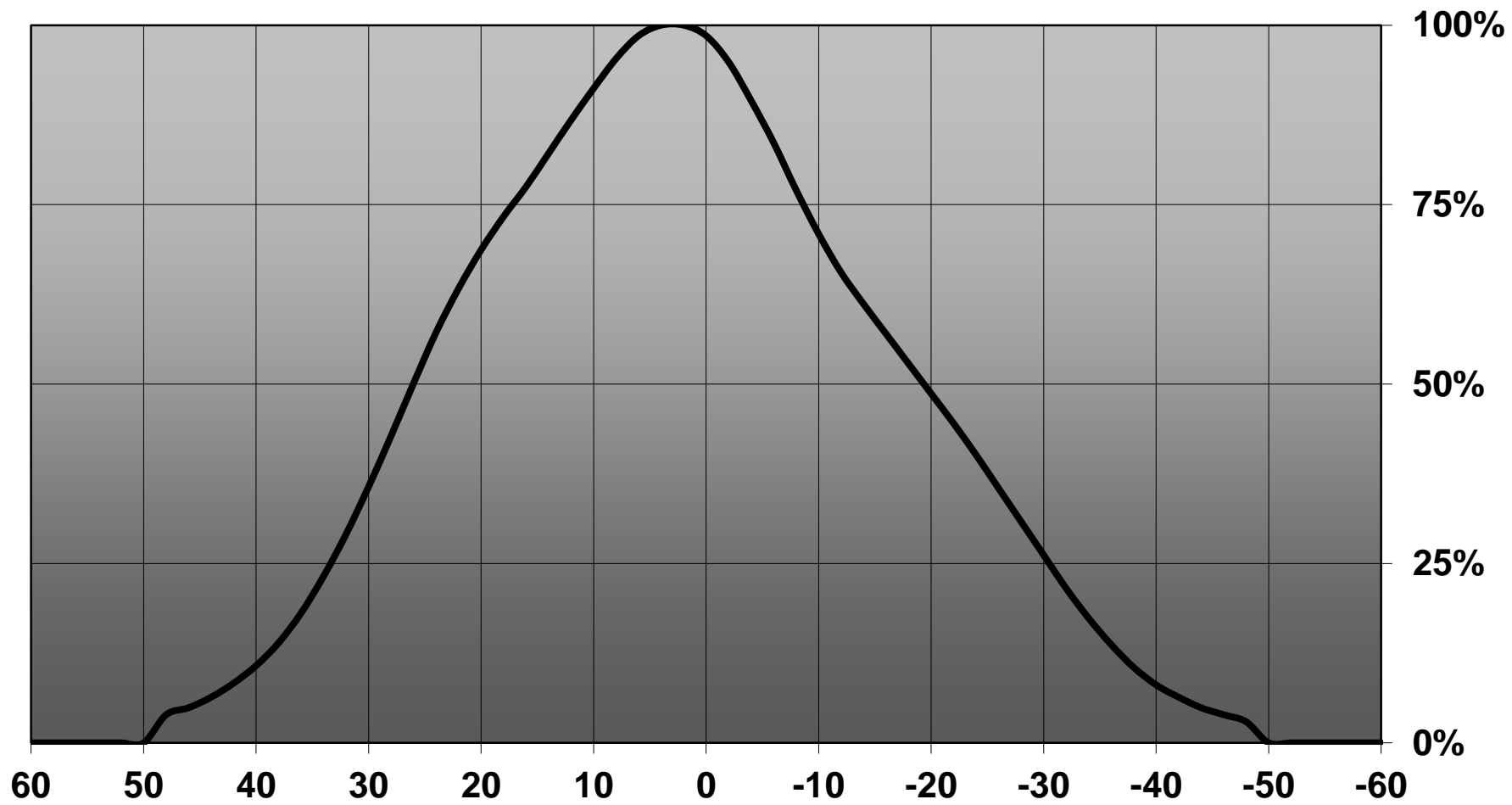
Relative intensity of C10909\_EVA-WW\_(MH-B)



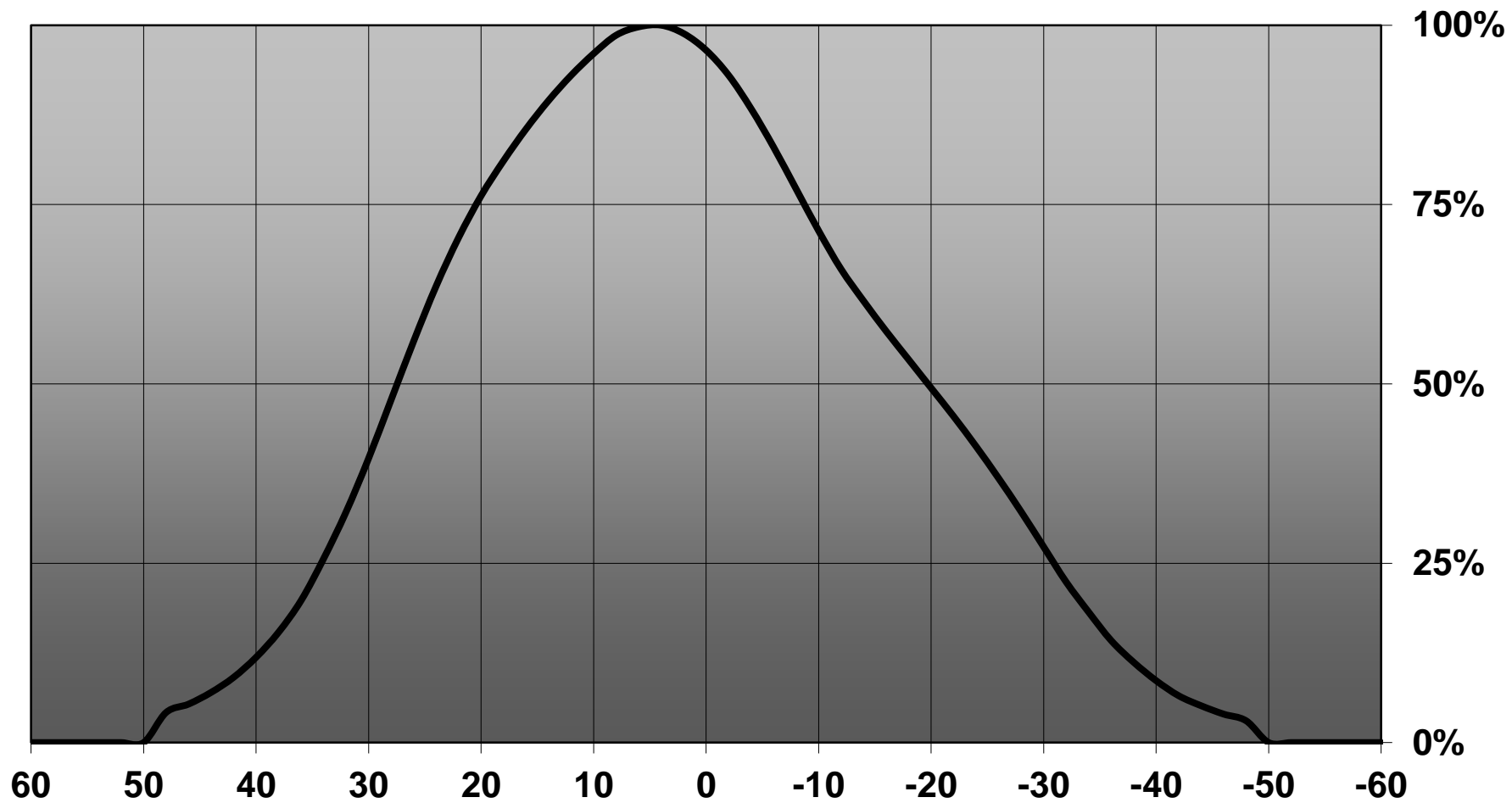
Relative intensity of C10909\_EVA-WW\_(XHP35\_HI)

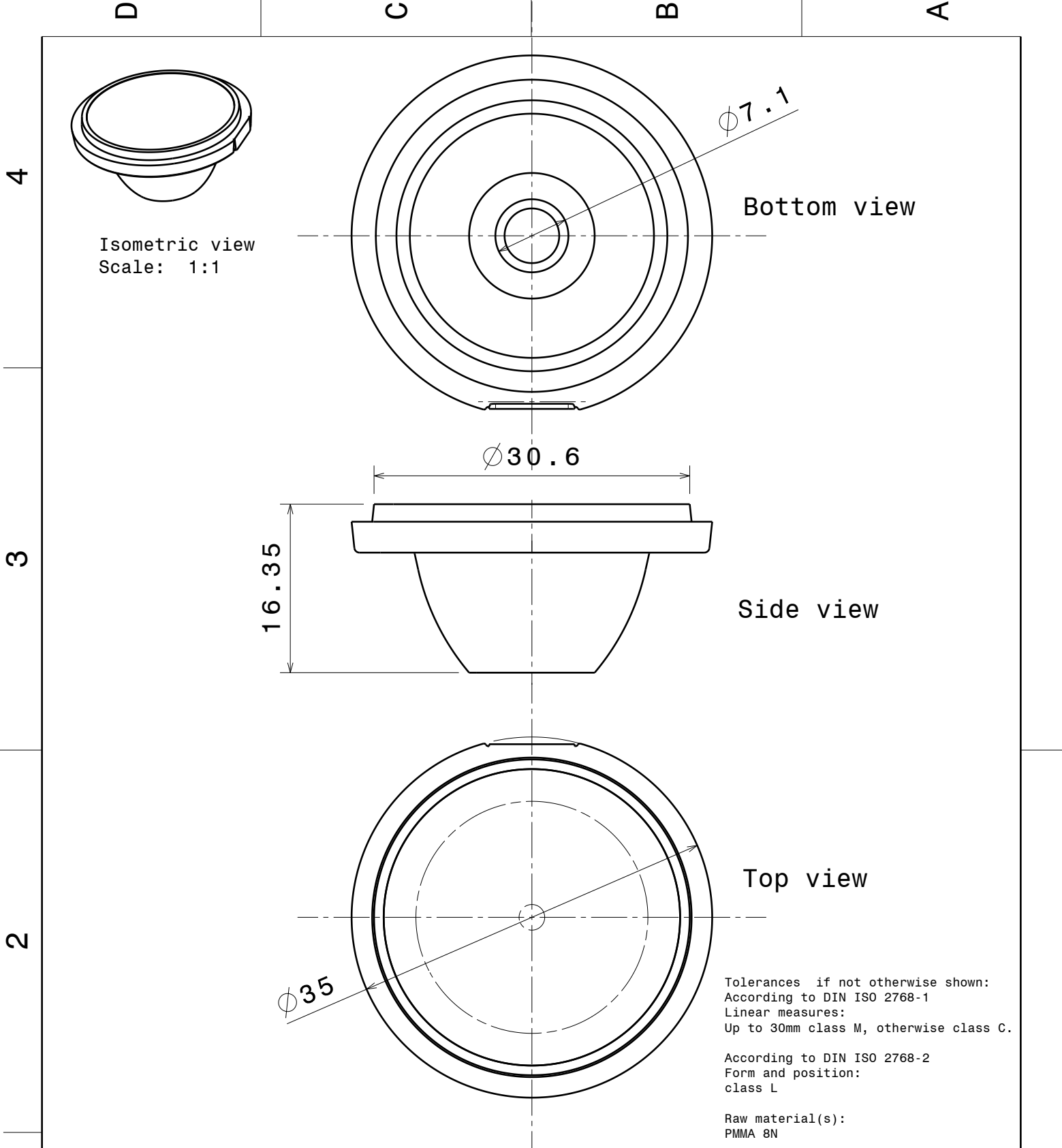


Relative intensity of C10909\_EVA-WW\_(SZ8Y15)



Relative intensity of C10909\_EVA-WW\_(SZ8Y19)





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Ledil Oy  
Salorankatu 10  
24100 SALO  
Finland

DRAWING TITLE

Datasheet Eva-mc-WW Lens

DRAWN BY  
ah

DATE  
1.3.2013

CHECKED BY

DATE

SIZE  
A4

DRAWING NUMBER

C10909

REV  
2

DESIGNED BY  
HH

DATE  
13.05.2009

SCALE

2:1

WEIGHT (g)

SHEET

1/1

D

A

4

3

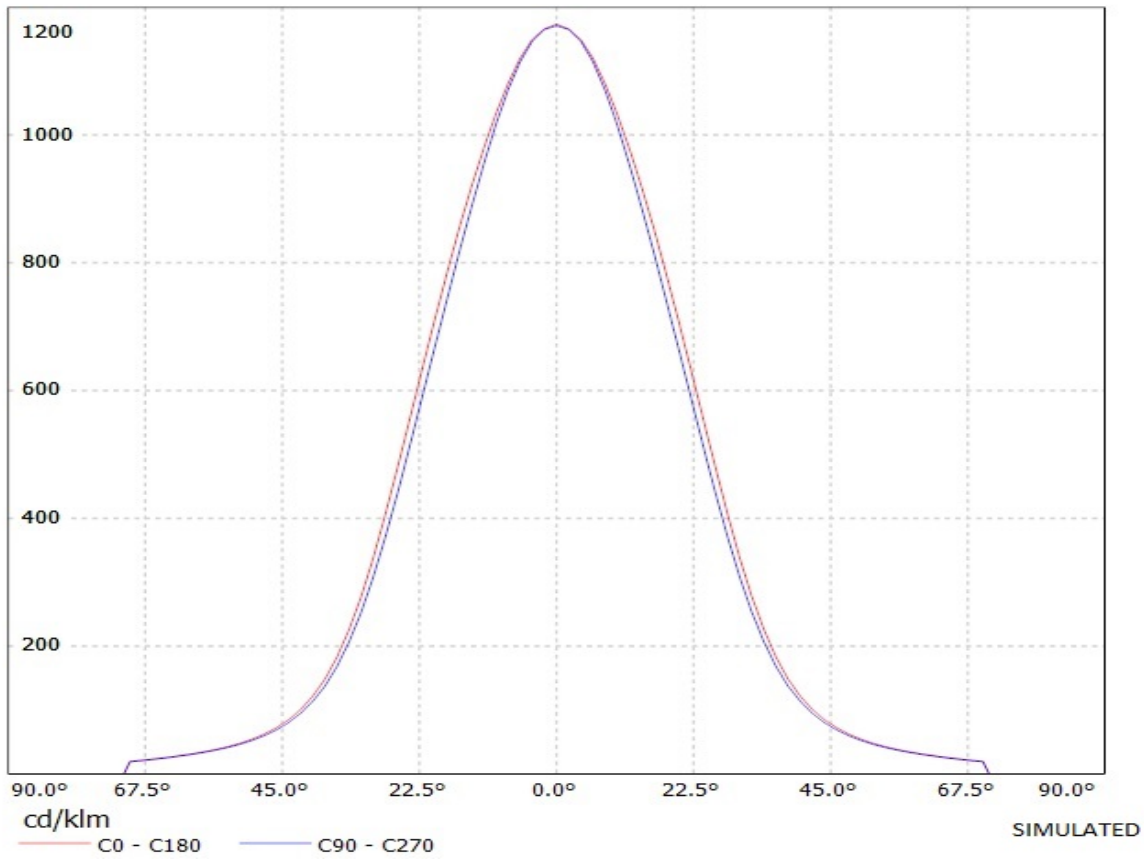
2

1

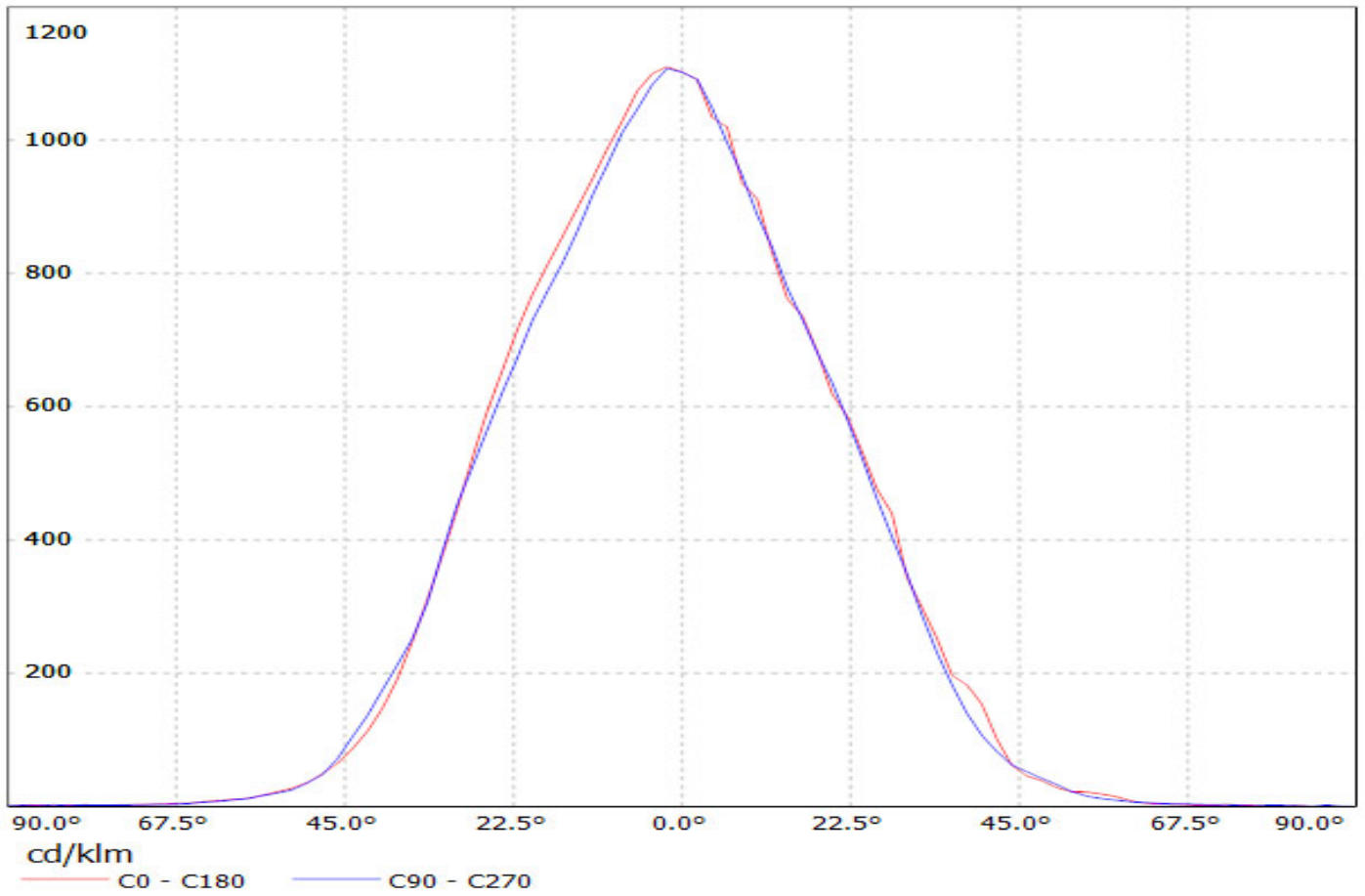
1

# Ledil Oy C10909\_Eva-MC-WW C10909\_Eva-MC-WW / LDC (Linear)

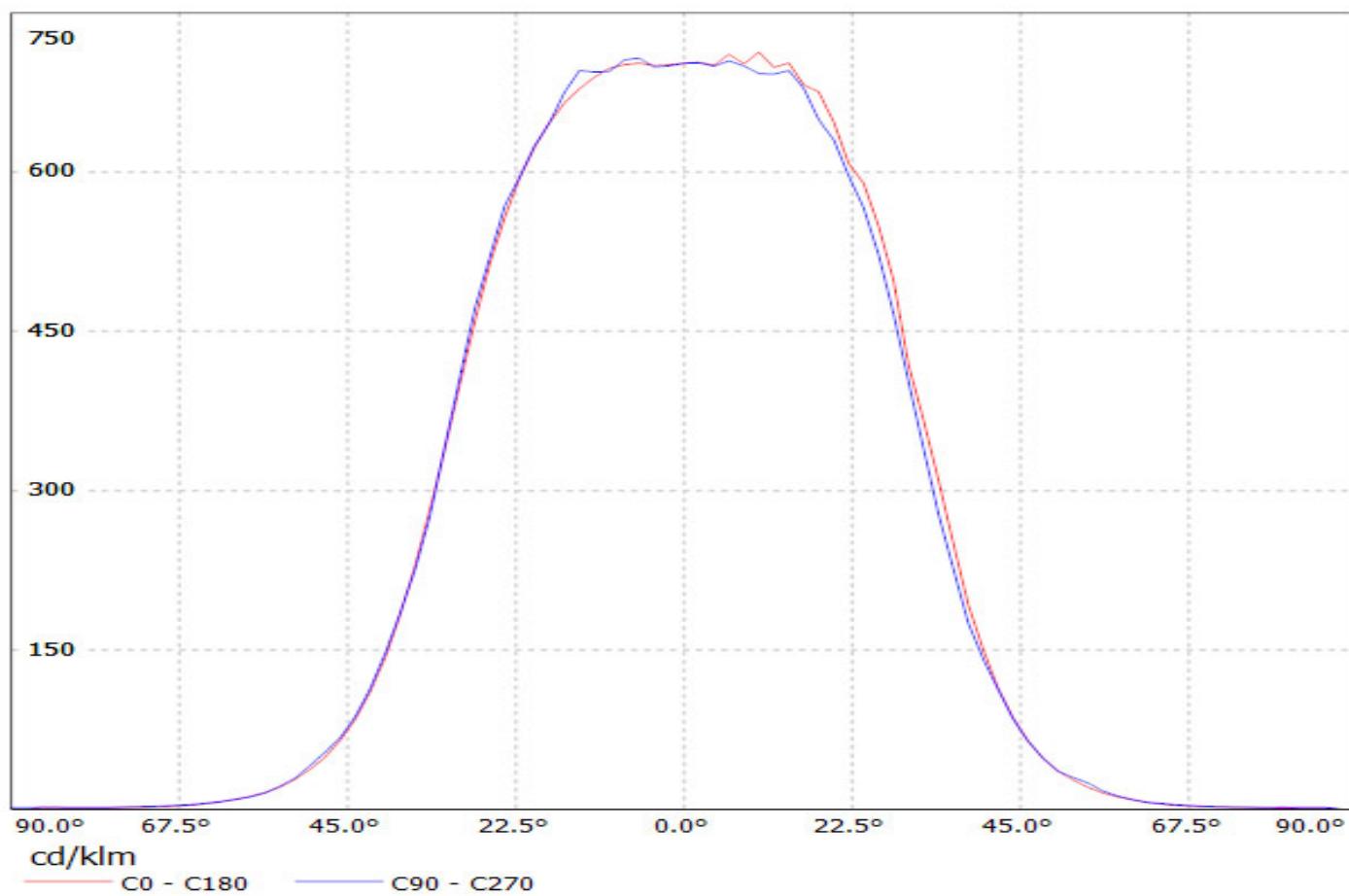
Luminaire: Ledil Oy C10909\_Eva-MC-WW C10909\_Eva-MC-WW  
Lamps: 1 x Cree MC-E



Luminaire: Ledil Oy C10909\_EVA-WW-XT-E (AWT) Efficiency=76%  
Lamps: 1 x Cree XT-E 250mA 113lm

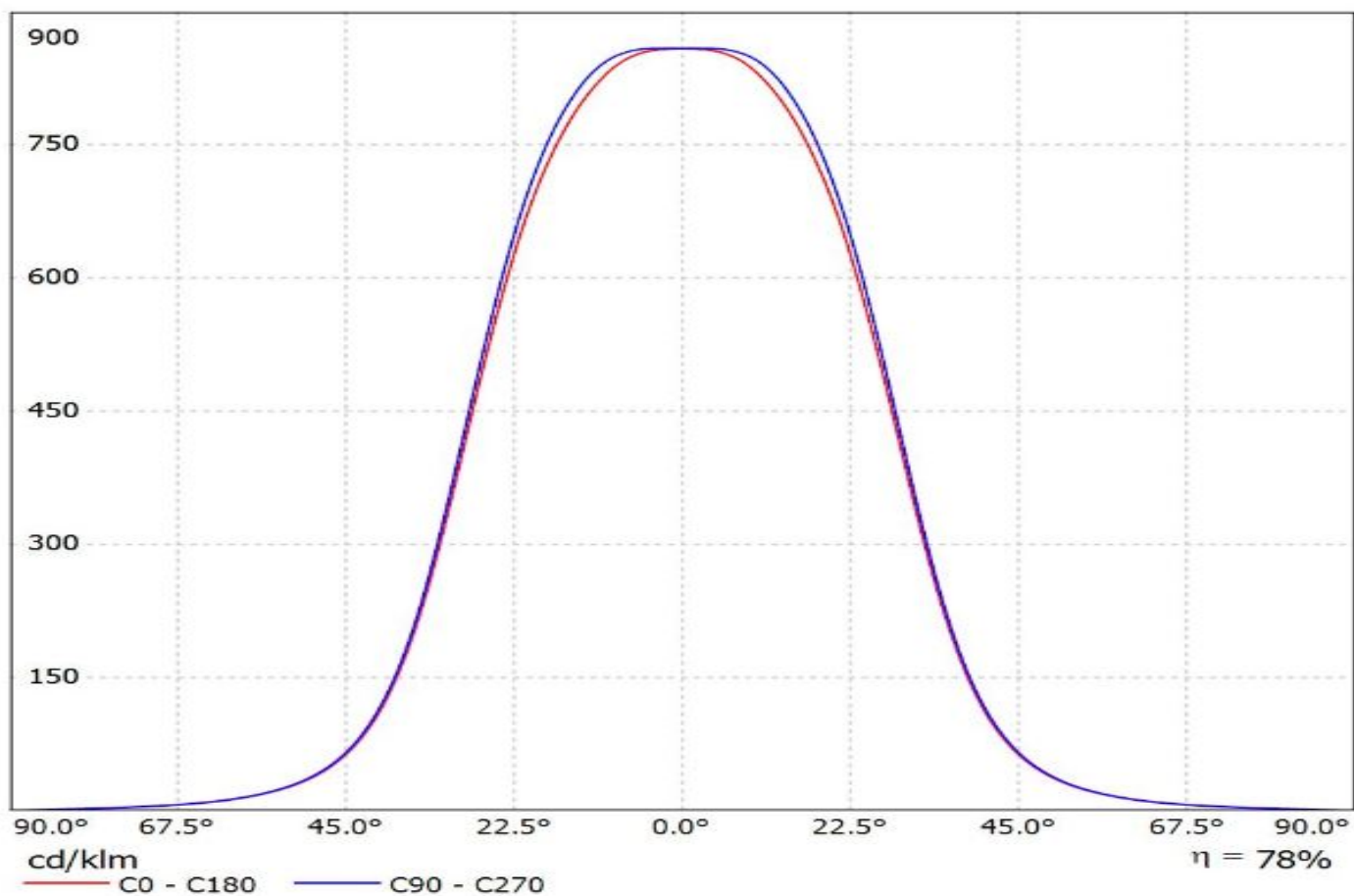


Luminaire: Ledil Oy C10909\_EVA-WW (Luxeon M) Efficiency=78%  
Lamps: 1 x Luxeon M (362lm @ 250mA)

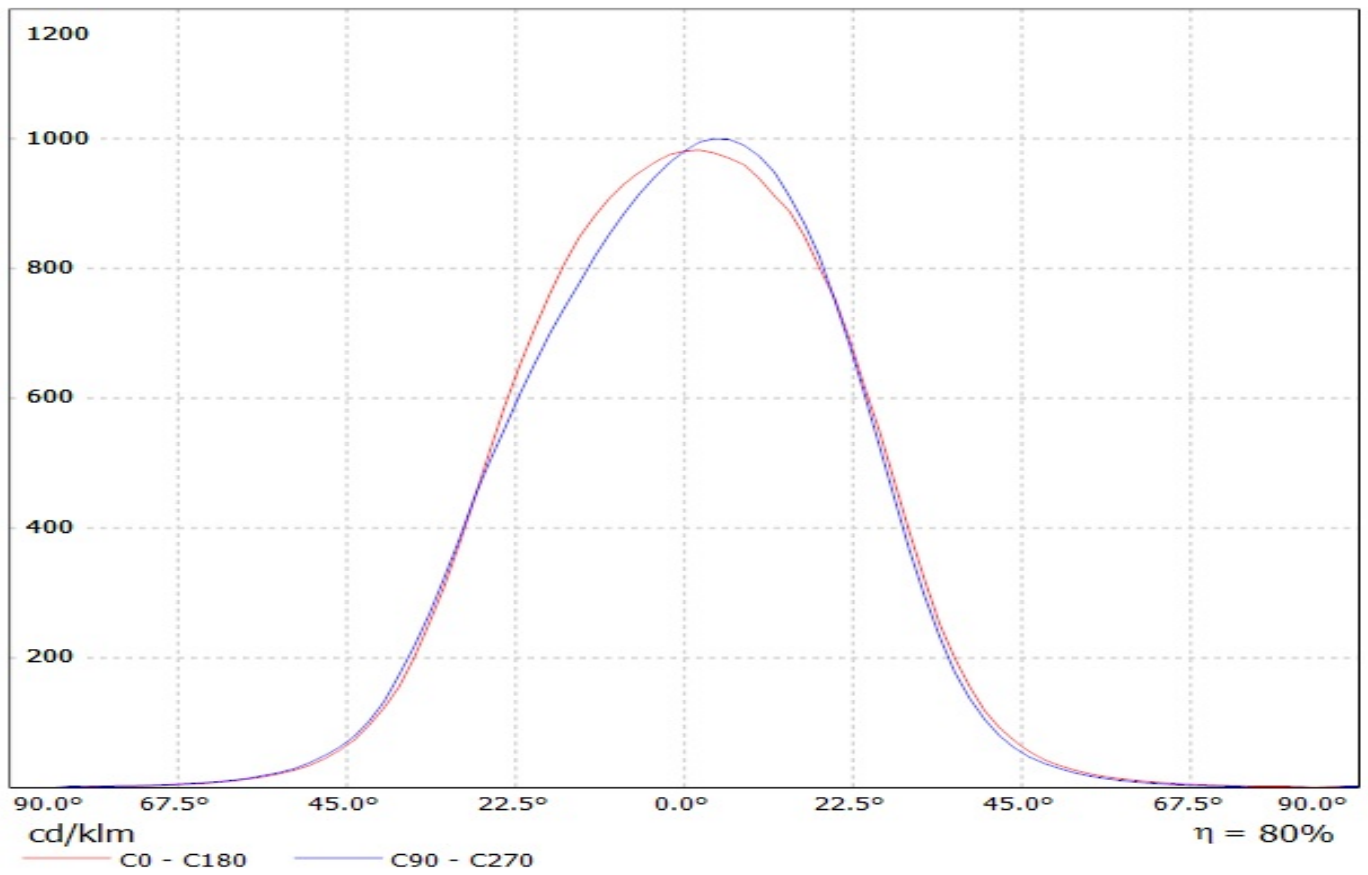


Luminaire: LEDiL Oy C10909\_EVA-WW\_(Luxeon\_5050)

Lamps: 2 x Luxeon\_5050\_316.623lm@80mA\_CCT=5700K\_P=1.82294W\_I=0.080A\_70CRI



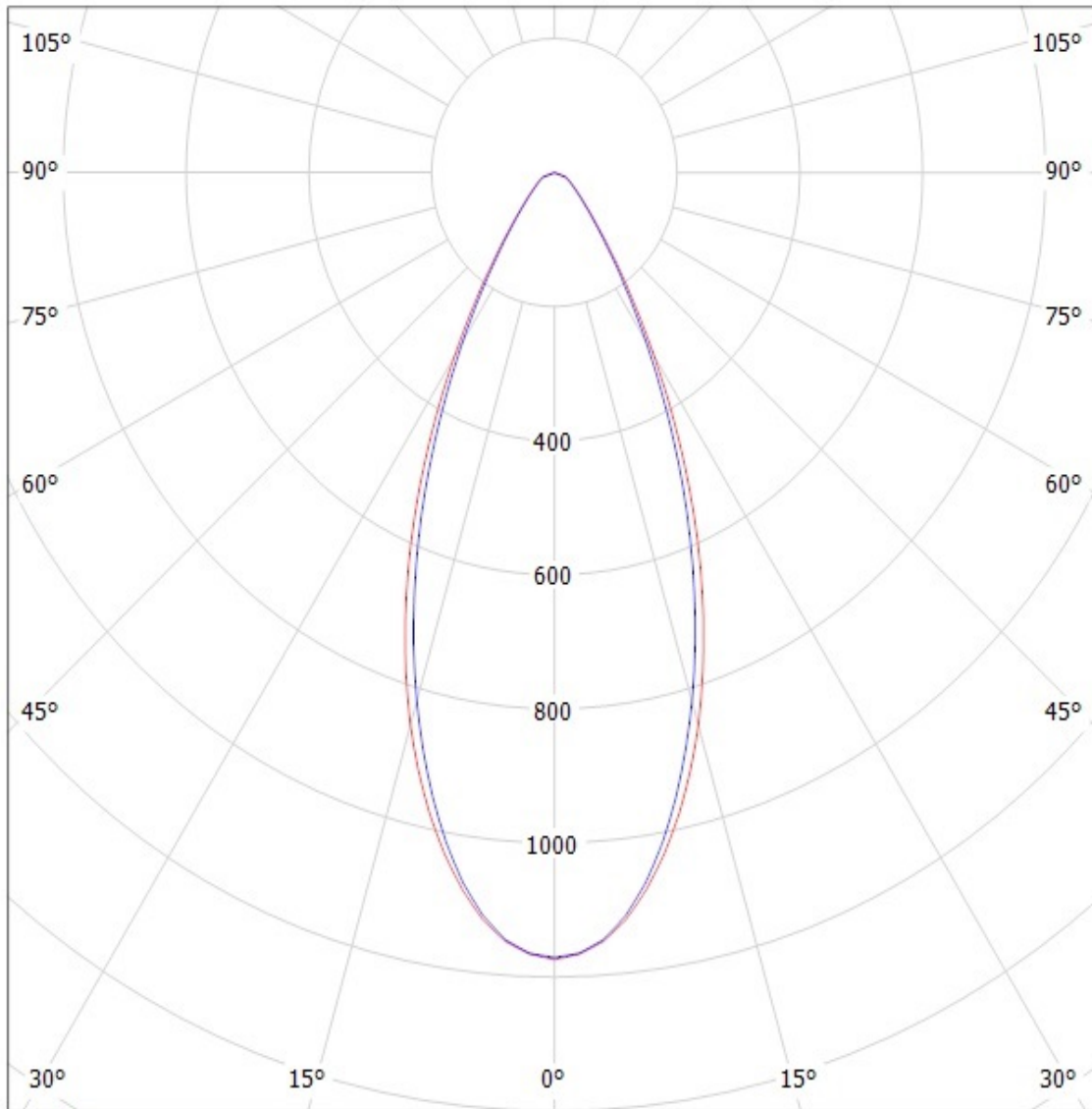
Luminaire: LEDil Oy C10909\_EVA-WW\_(DURIS\_S8) Efficiency=79%  
Lamps: 1 x Osram DURIS S8 (GW P9LMS1.EC) 192lm @ 100mA CCT=2900K P=1.8W I=100mA



# Ledil Oy C10909\_Eva-MC-WW C10909\_Eva-MC-WW / LDC (Polar)

Luminaire: Ledil Oy C10909\_Eva-MC-WW C10909\_Eva-MC-WW

Lamps: 1 x Cree MC-E



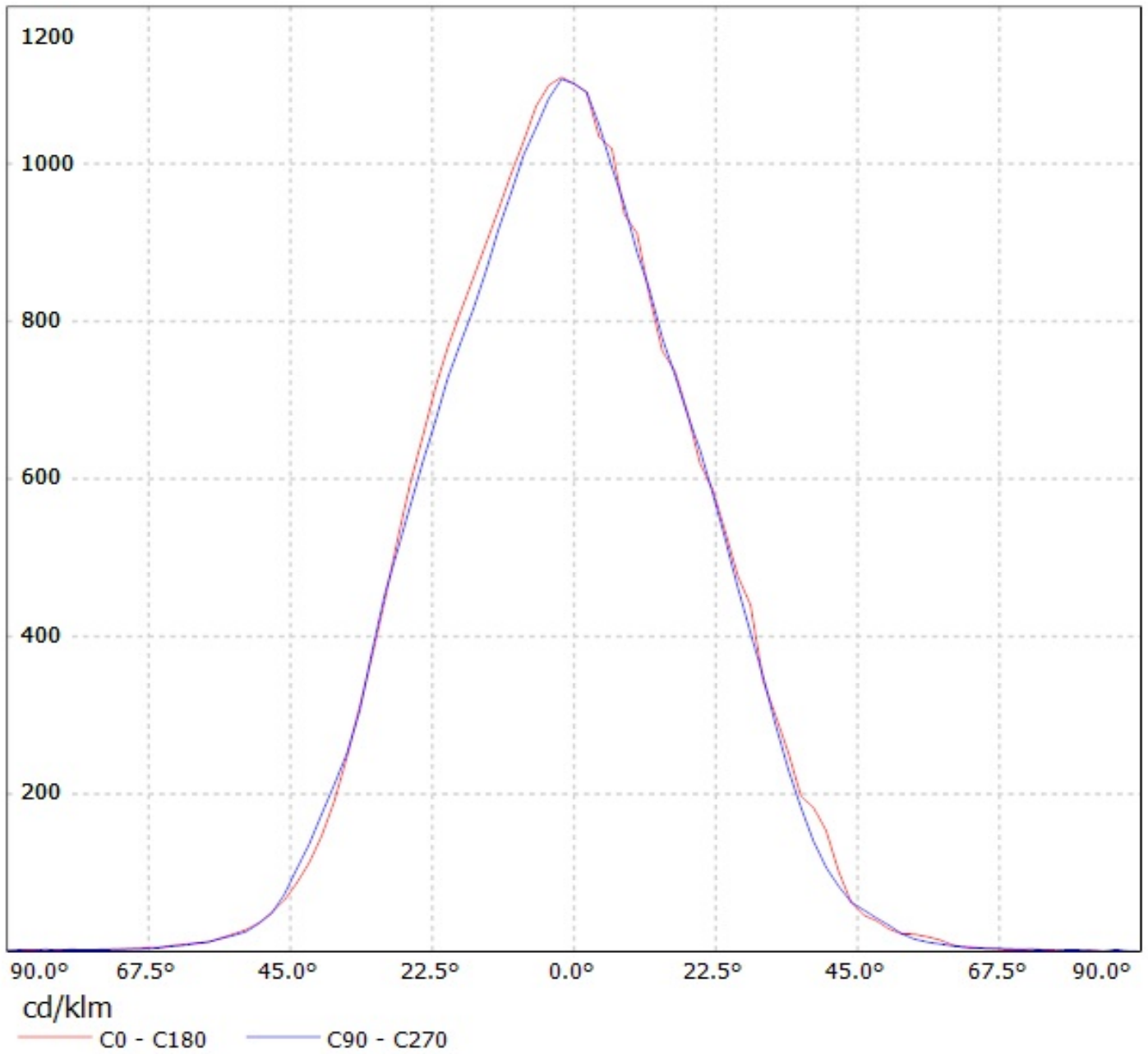
cd/klm

— C0 - C180

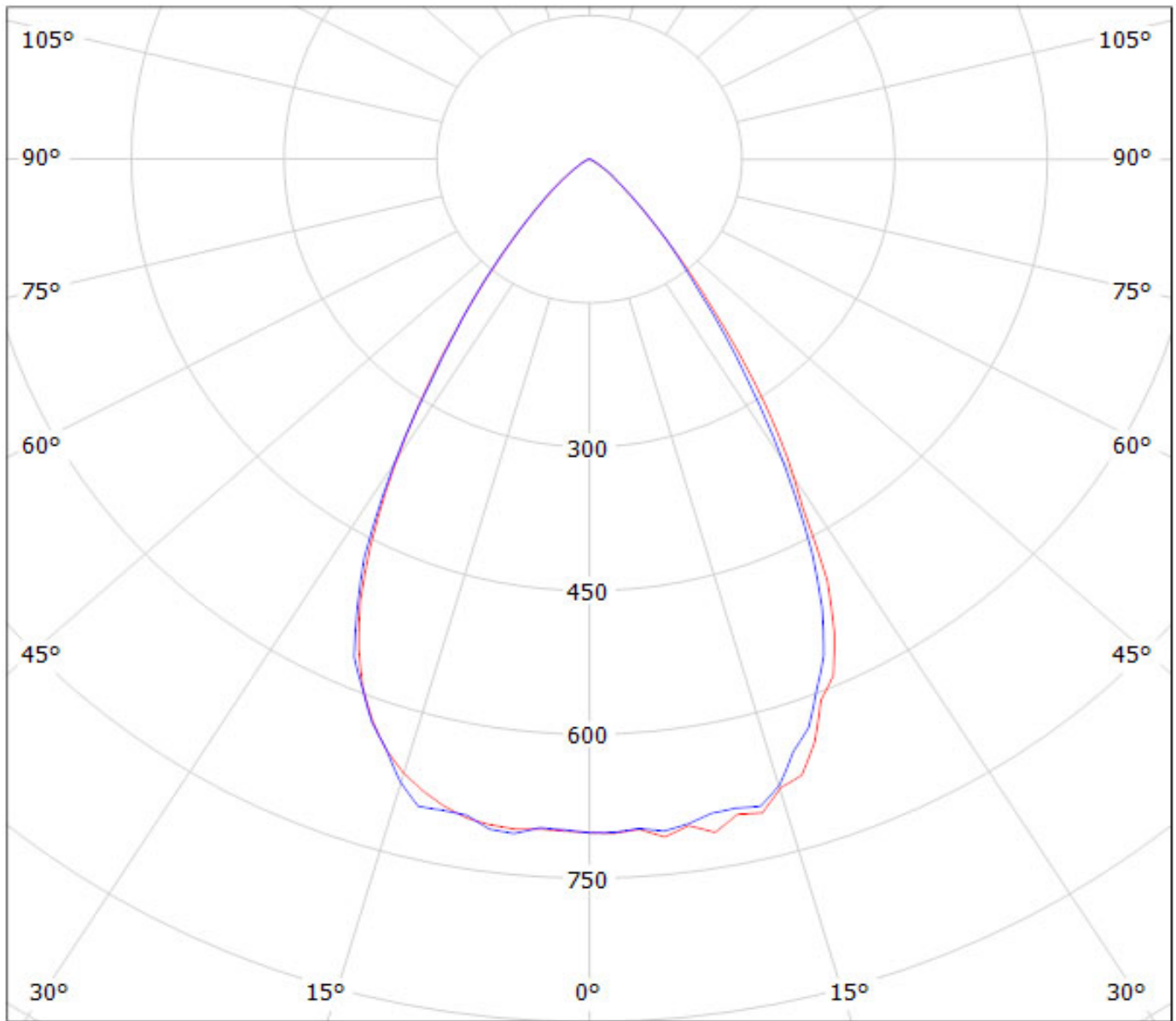
— C90 - C270

SIMULATED

Luminaire: Ledil Oy C10909\_EVA-WW-XT-E (AWT) Efficiency=76%  
Lamps: 1 x Cree XT-E 250mA 113lm



Luminaire: Ledil Oy C10909\_EVA-WW (Luxeon M) Efficiency=78%  
Lamps: 1 x Luxeon M (362lm @ 250mA)



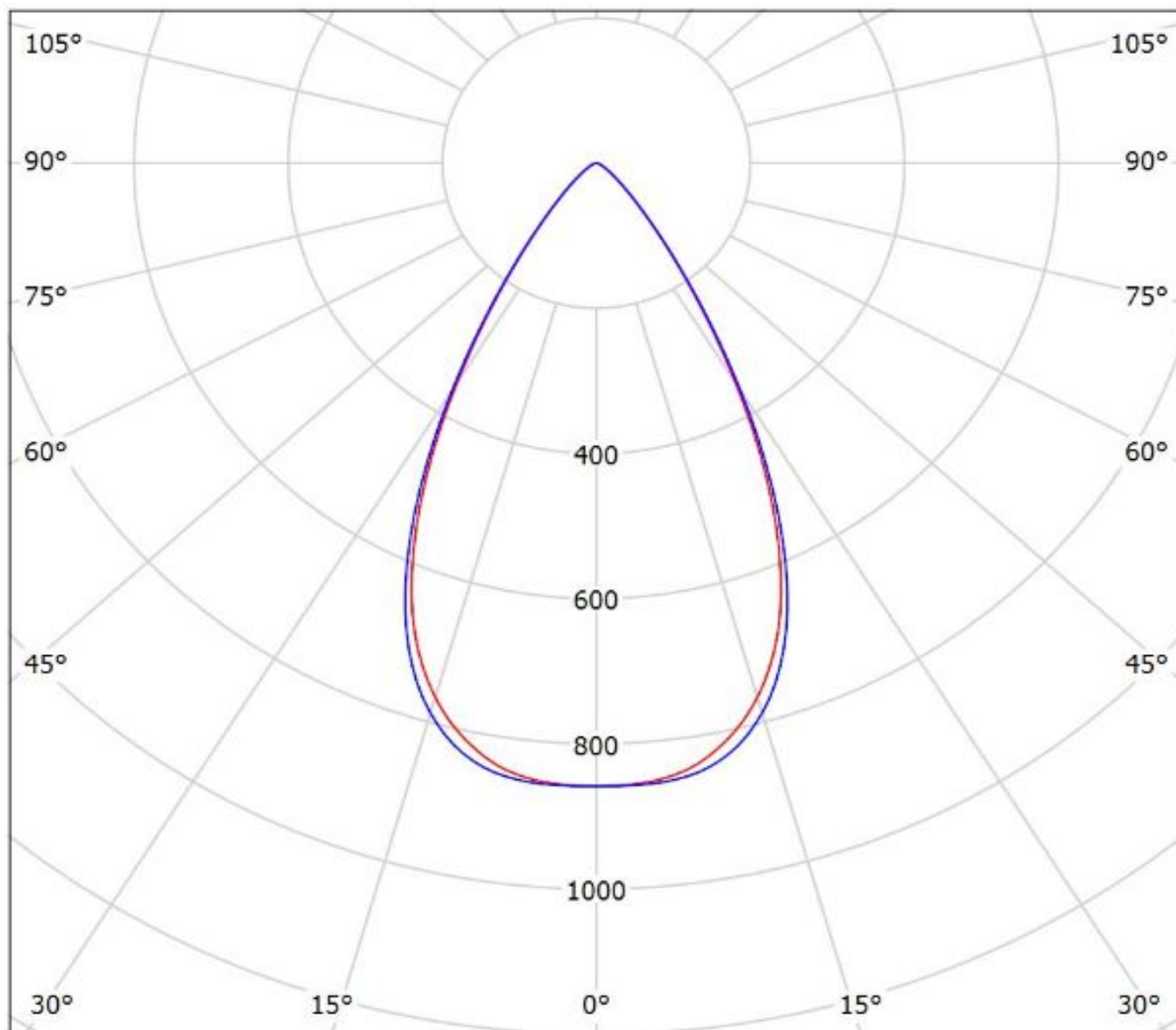
cd/klm

— C0 - C180    — C90 - C270

$\eta = 76\%$

Luminaire: LEDiL Oy C10909\_EVA-WW\_(Luxeon\_5050)

Lamps: 2 x Luxeon\_5050\_316.623lm@80mA\_CCT=5700K\_P=1.82294W\_I=0.080A\_70CRI



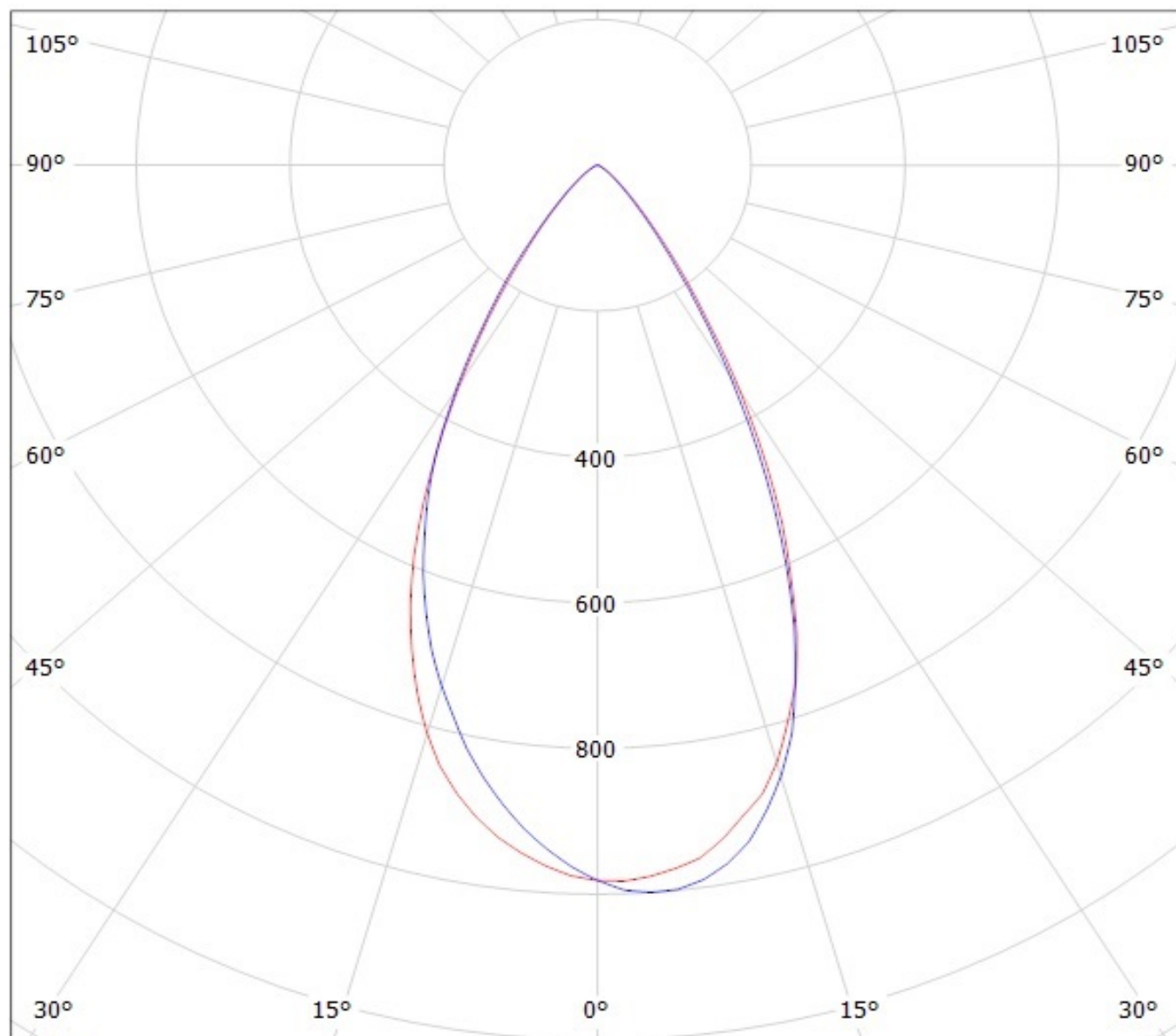
cd/klm

— C0 - C180 — C90 - C270

$\eta = 78\%$

Luminaire: LEDil Oy C10909\_EVA-WW\_(DURIS\_S8) Efficiency=79%

Lamps: 1 x Osram DURIS S8 (GW P9LMS1.EC) 192lm @ 100mA CCT=2900K P=1.8W I=100mA



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.**