

DETAILS

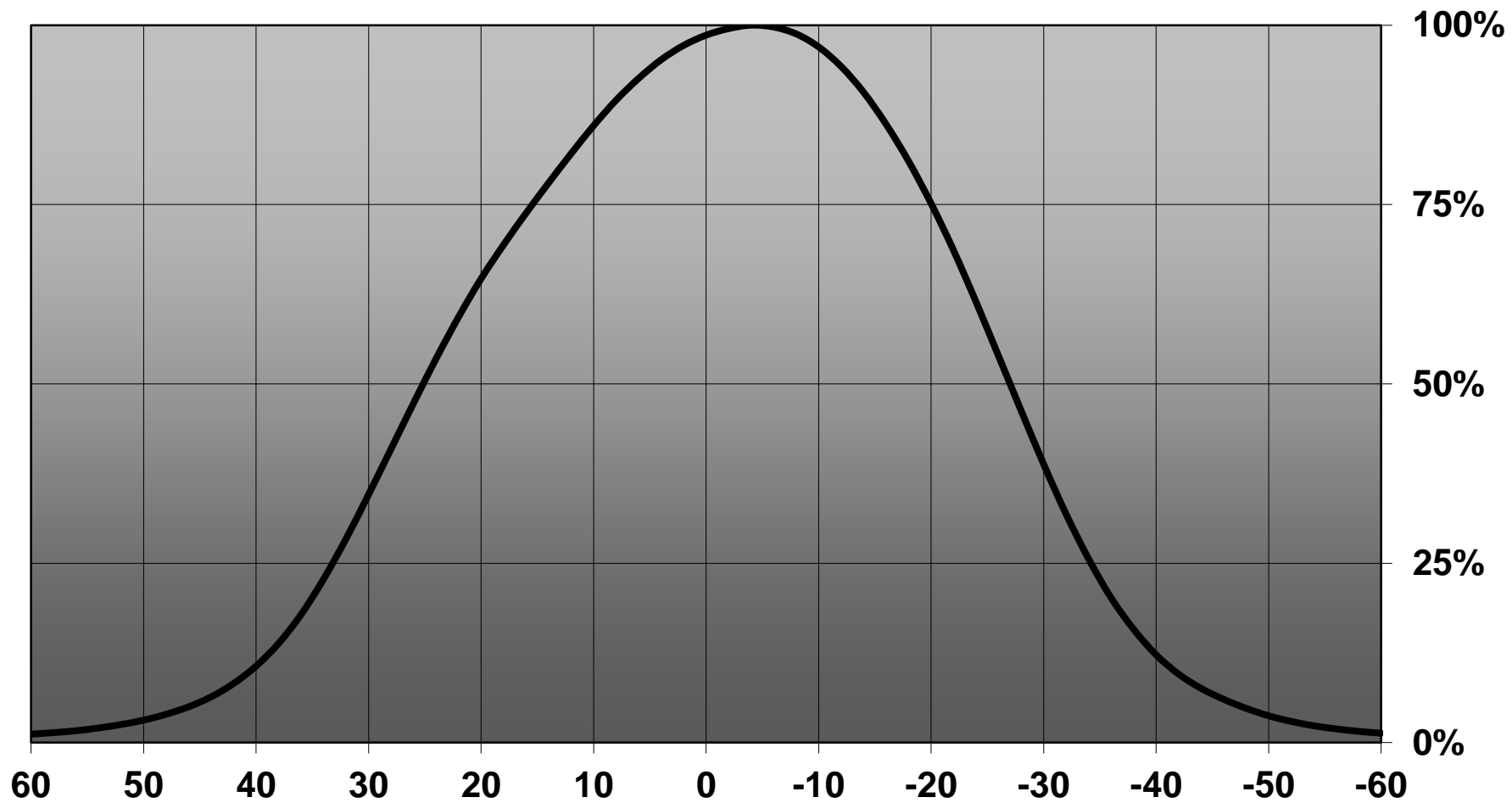
Product Number	C10909_EVA-WW
Family	Eva
Type	Lens
Color	clear
Diameter	35 mm
Height	16,4 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	
Status	production ready
ROHS Compliant	Yes
Date Updated	10/03/2016



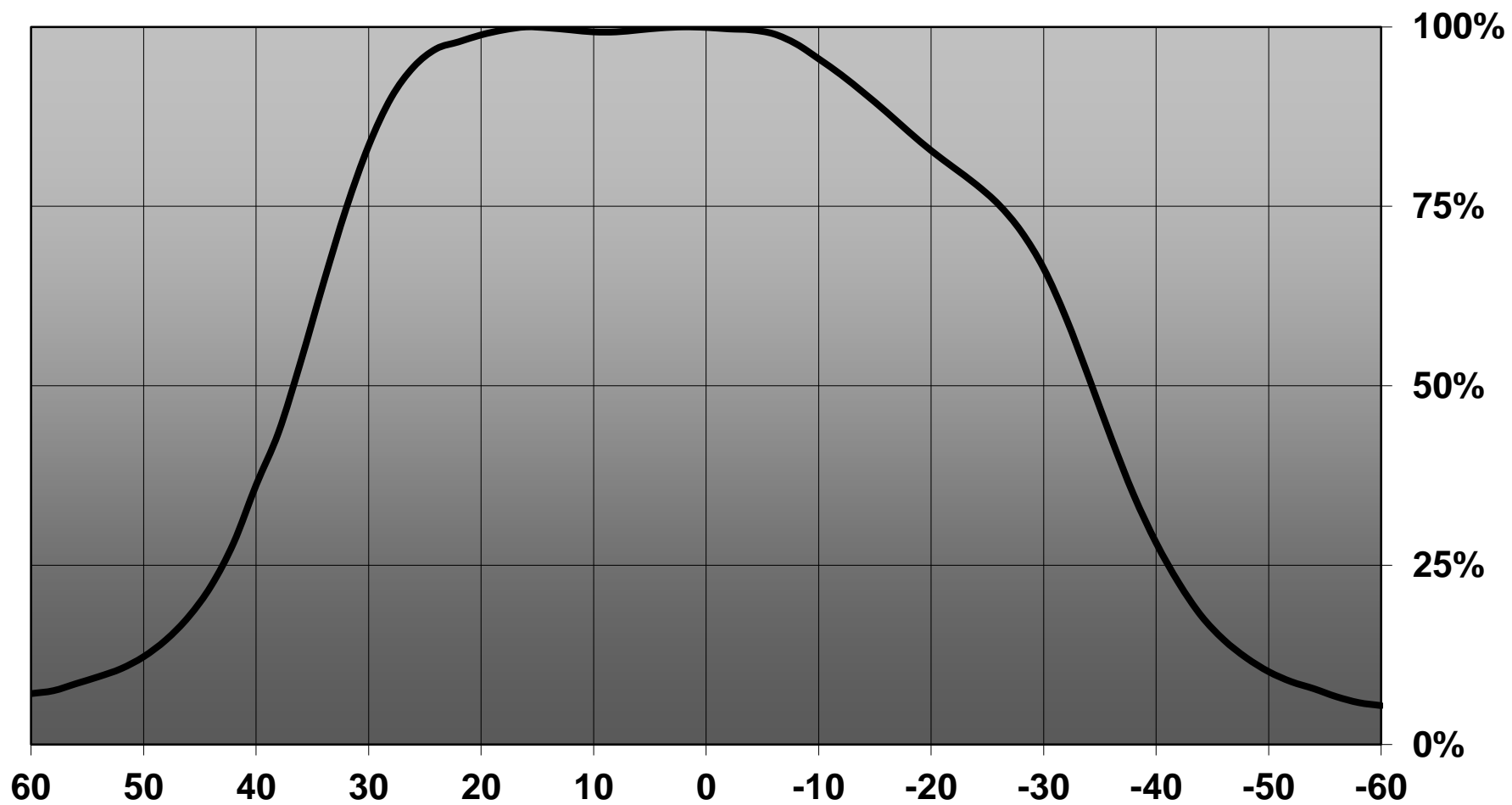
OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
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	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	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	-
Duris P10	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	-

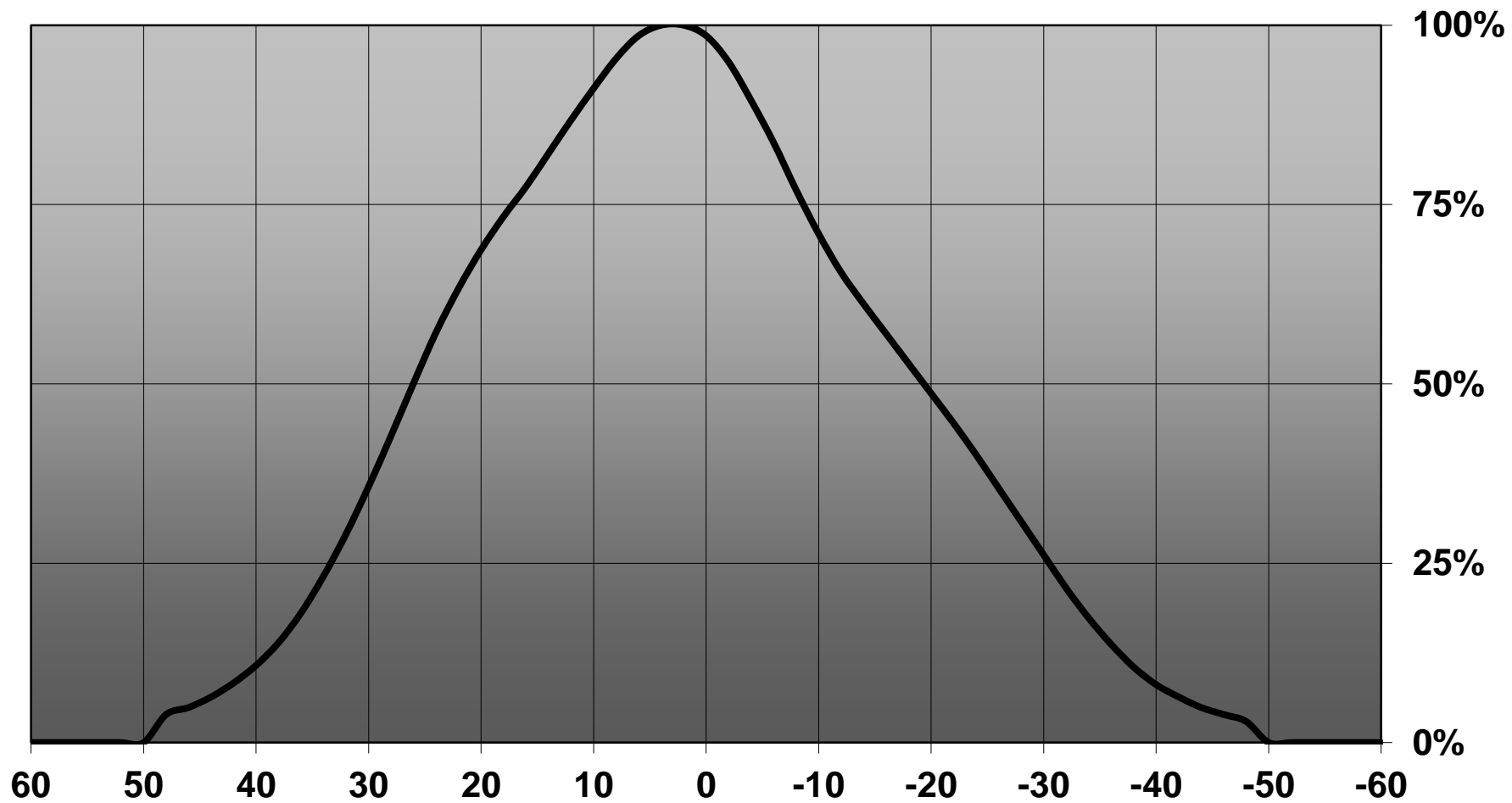
Relative intensity of C10909_EVA-WW_(MH-B)



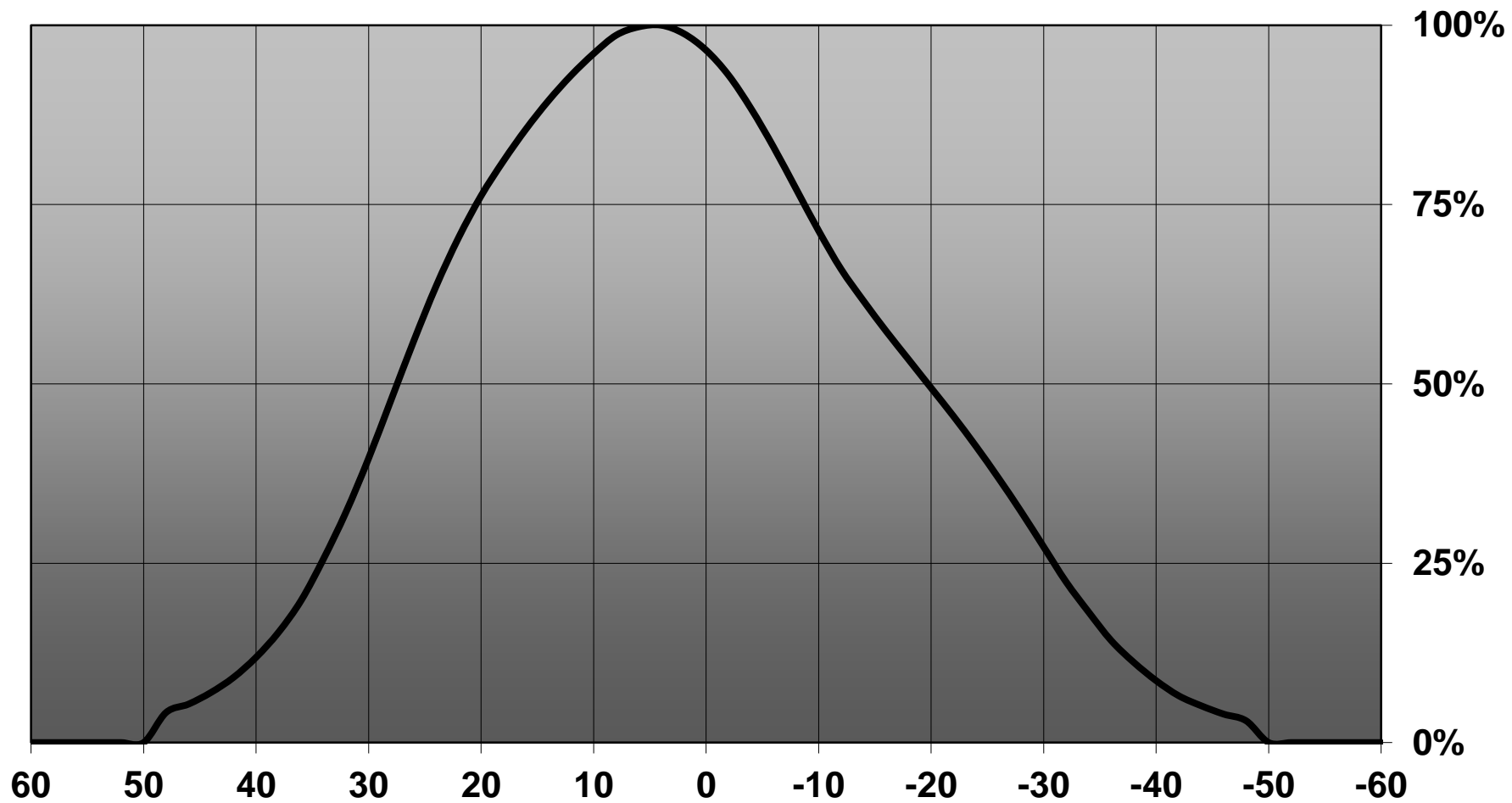
Relative intensity of C10909_EVA-WW_(XHP35_HI)

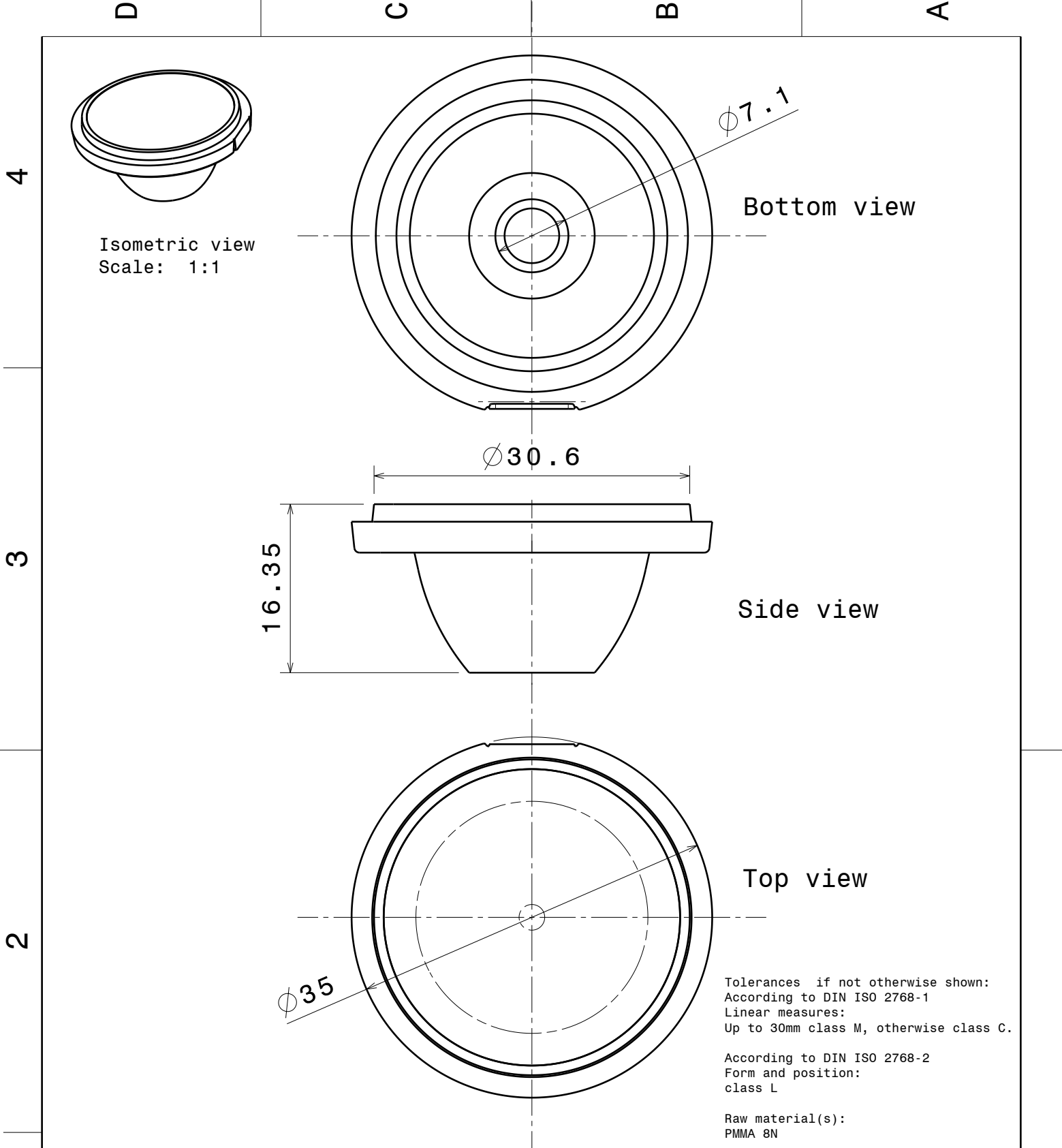


Relative intensity of C10909_EVA-WW_(SZ8Y15)



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

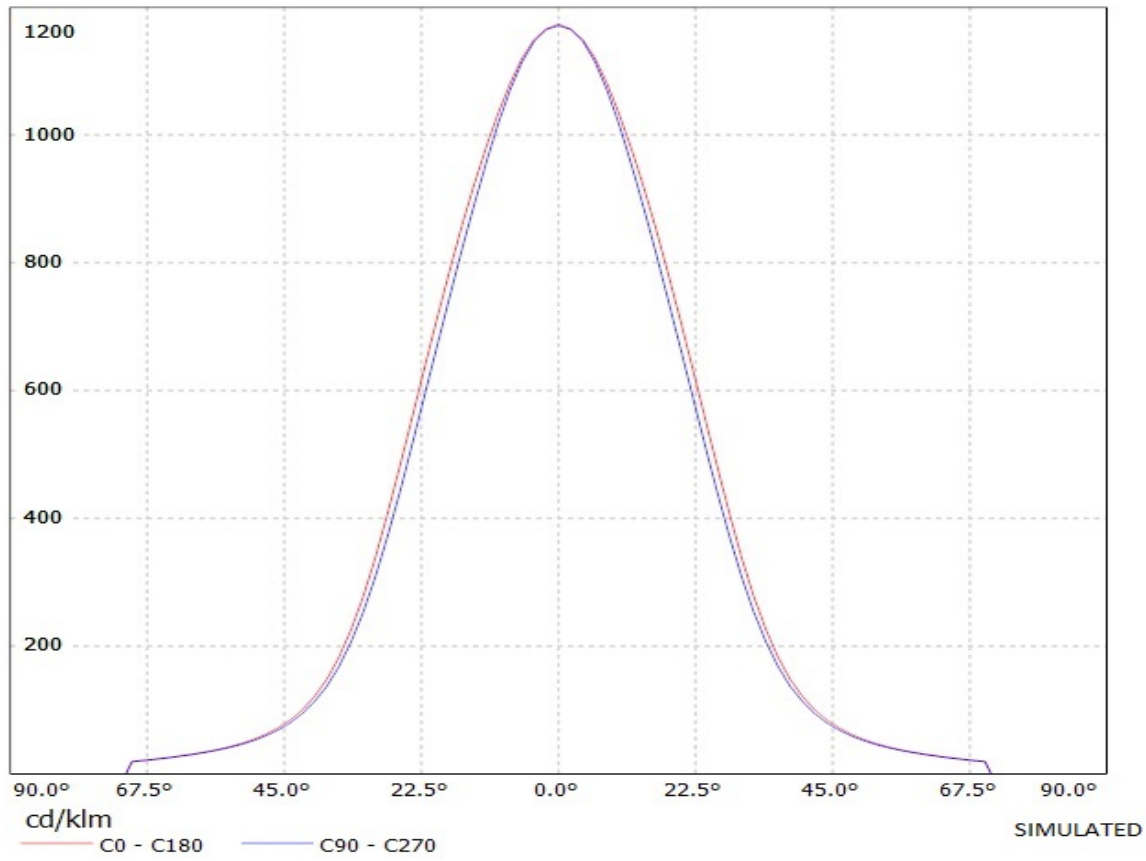
WEIGHT (g)

SHEET

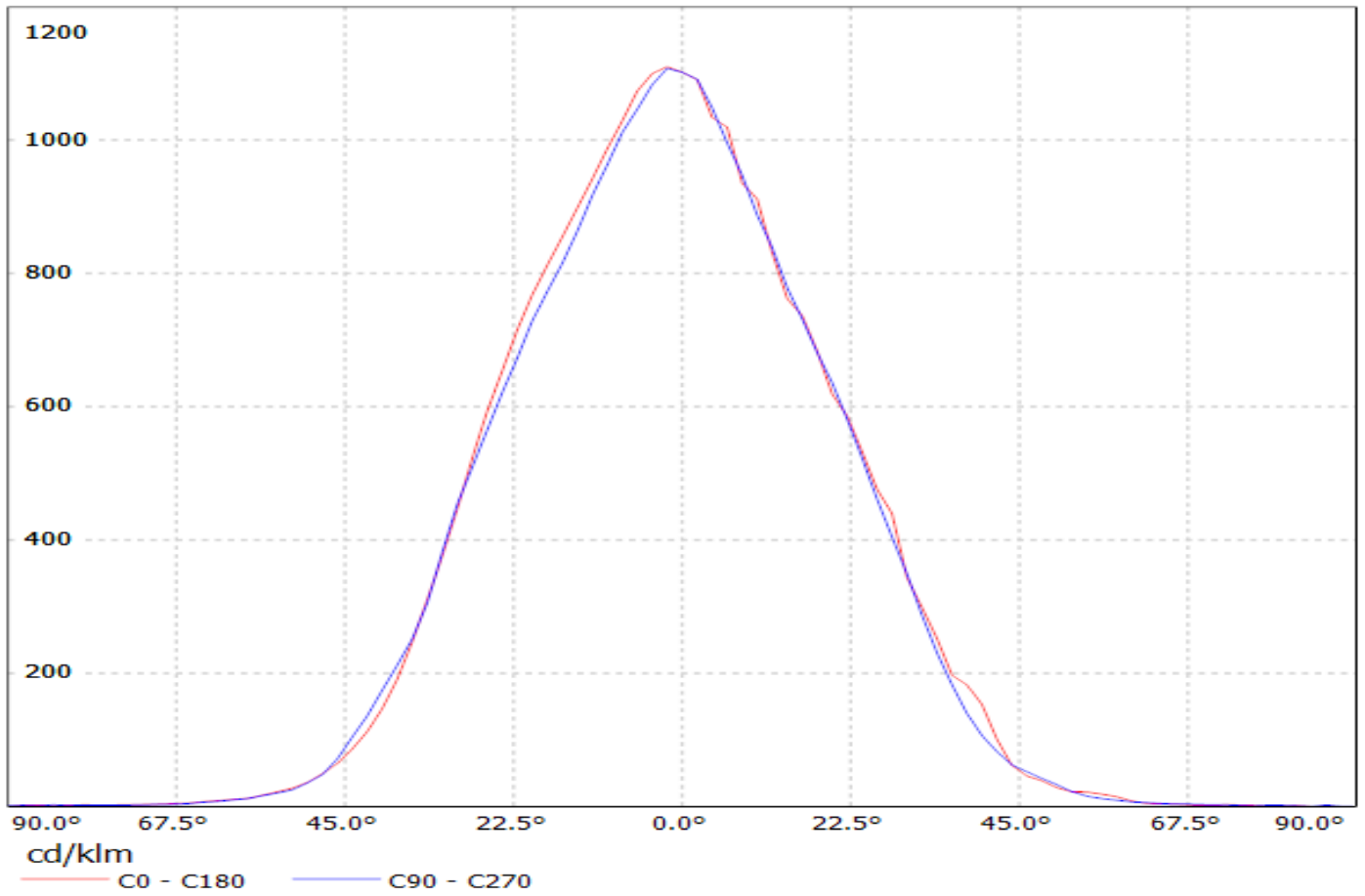
1/1

Ledil Oy C10909_Eva-MC-WW C10909_Eva-MC-WW / LDC (Linear)

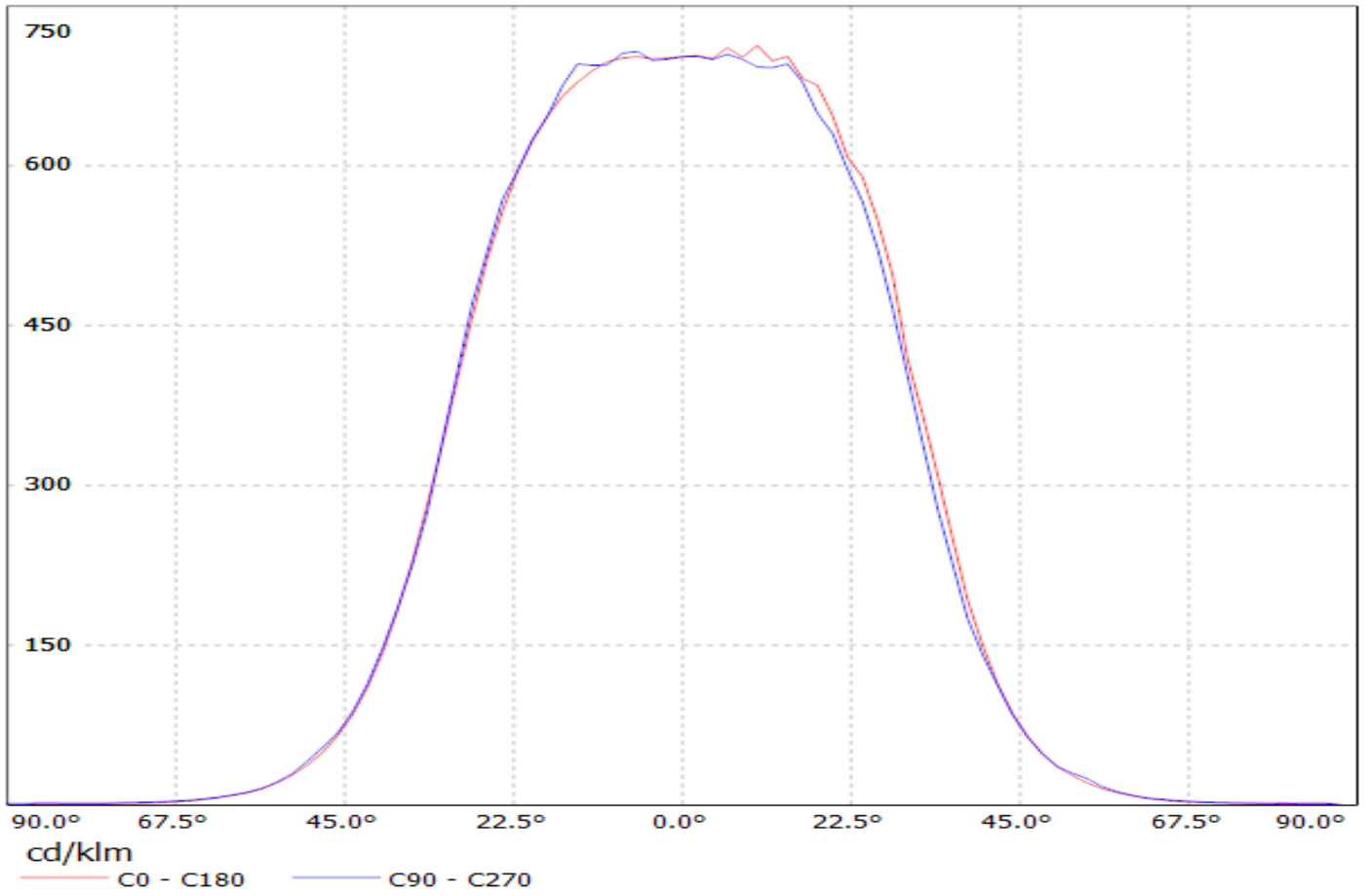
Luminaire: Ledil Oy C10909_Eva-MC-WW C10909_Eva-MC-WW
Lamps: 1 x Cree MC-E



Luminaire: Ledil Oy C10909_EVA-WW-XT-E (AWT) Efficiency=76%
Lamps: 1 x Cree XT-E 250mA 113lm

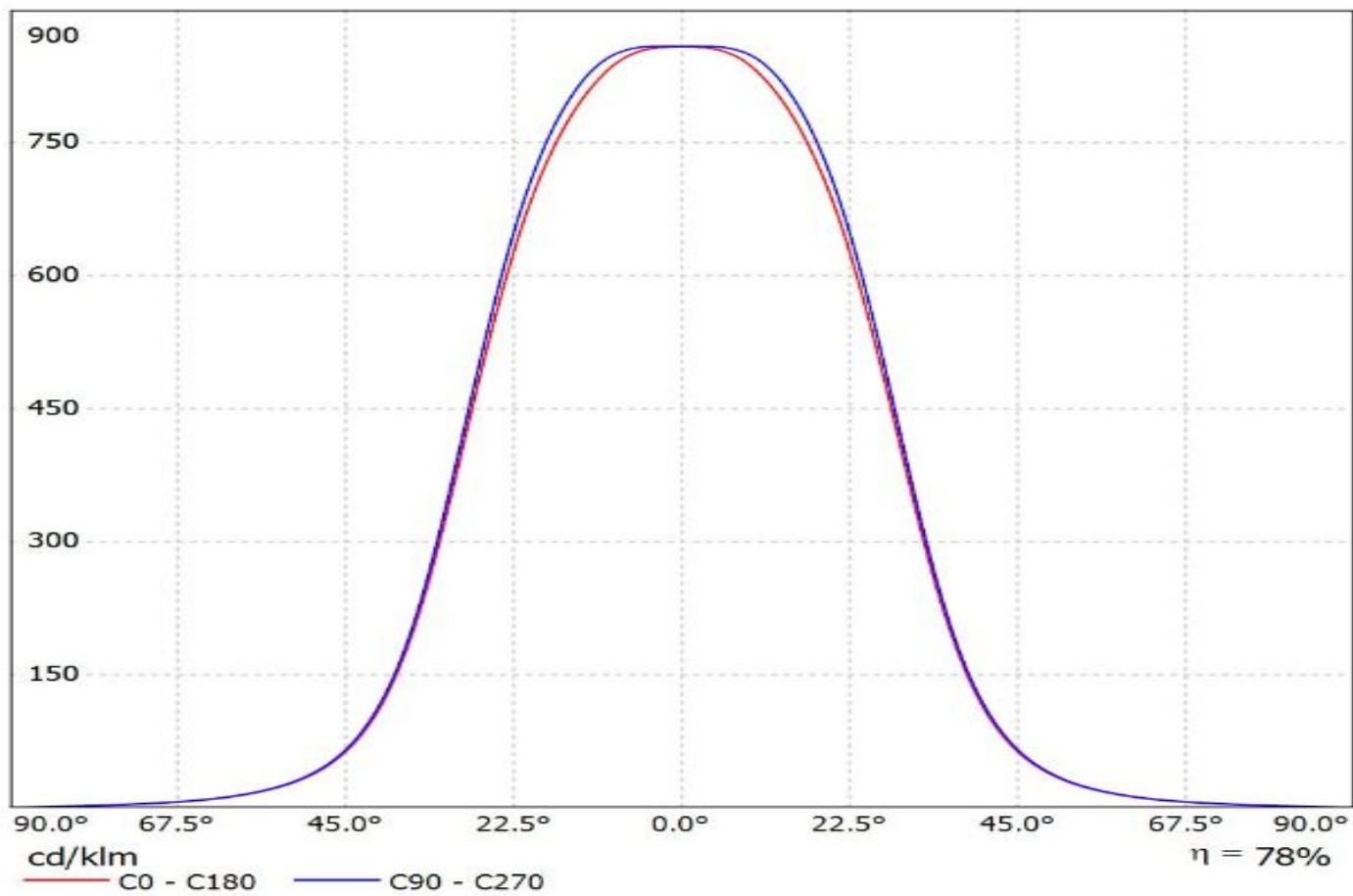


Luminaire: Ledil Oy C10909_EVA-WW (Luxeon M) Efficiency=78%
Lamps: 1 x Luxeon M (362lm @ 250mA)

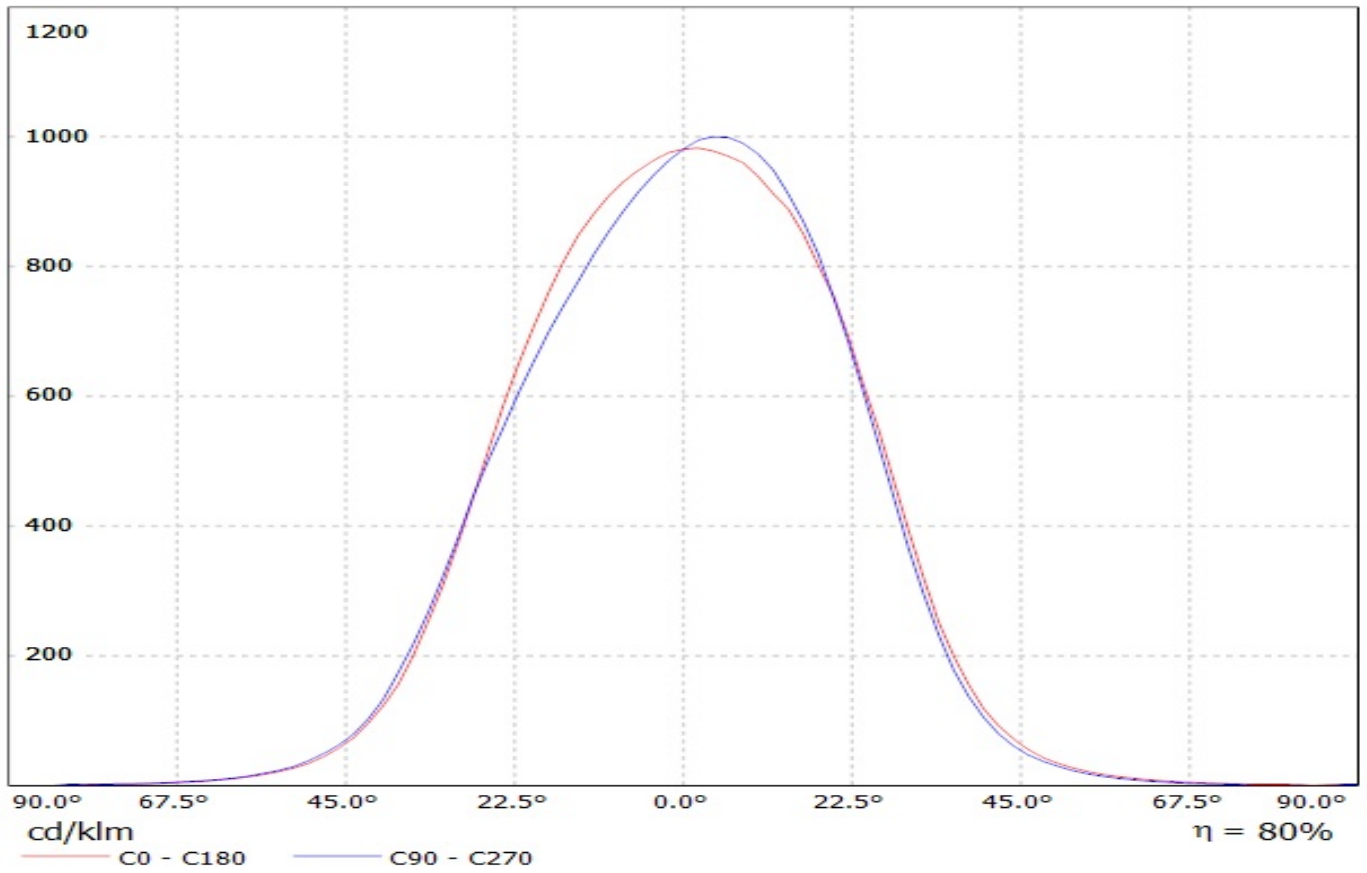


Luminaire: LEDiL Oy C10909_EVA-WW_(Luxeon_5050)

Lamps: 2 x Luxeon_5050_316.623lm@80mA_CCT=5700K_P=1.82294W_I=0.080A_70CRI



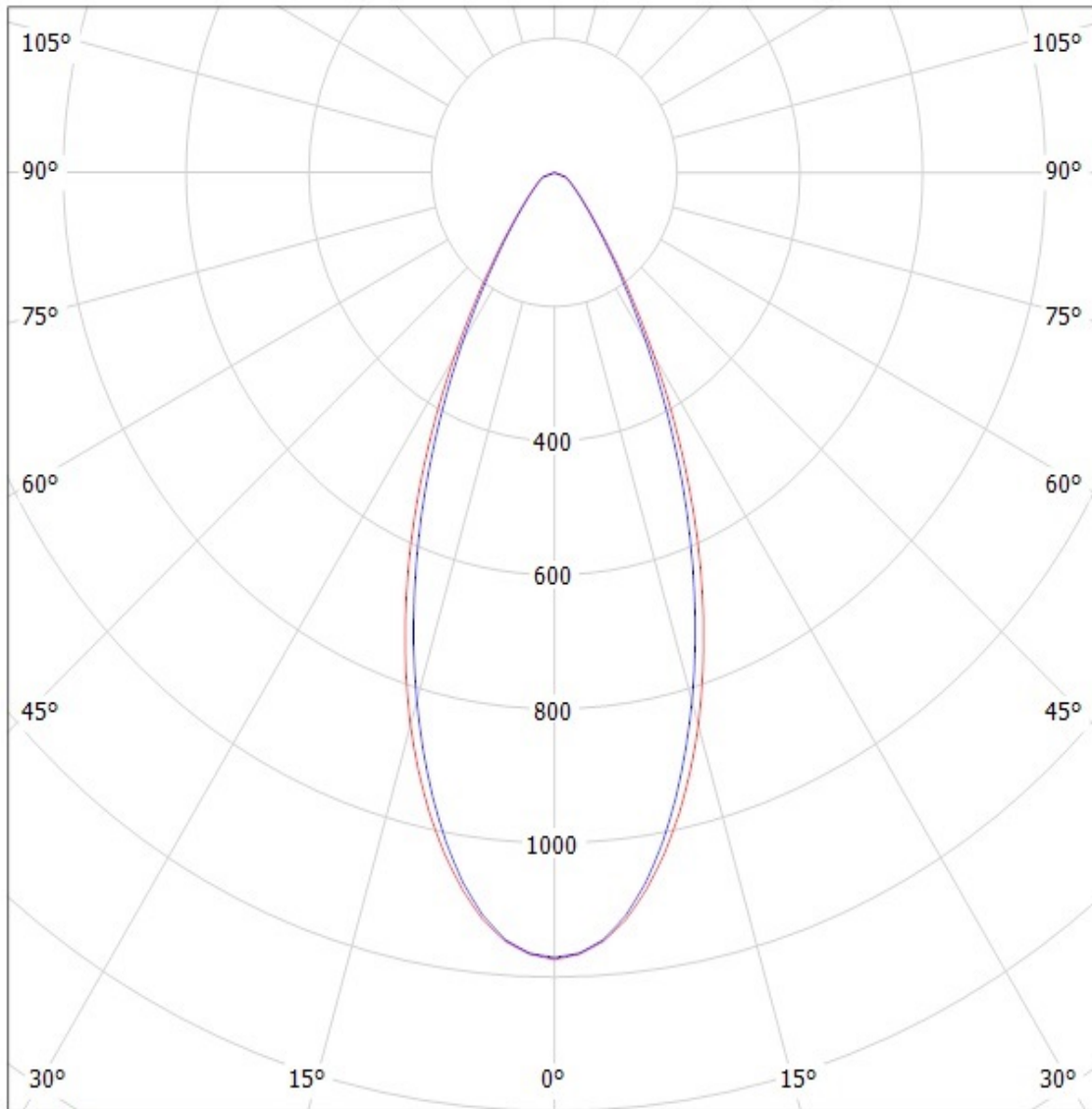
Luminaire: LEDil Oy C10909_EVA-WW_(DURIS_S8) Efficiency=79%
Lamps: 1 x Osram DURIS S8 (GW P9LMS1.EC) 192lm @ 100mA CCT=2900K P=1.8W I=100mA



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



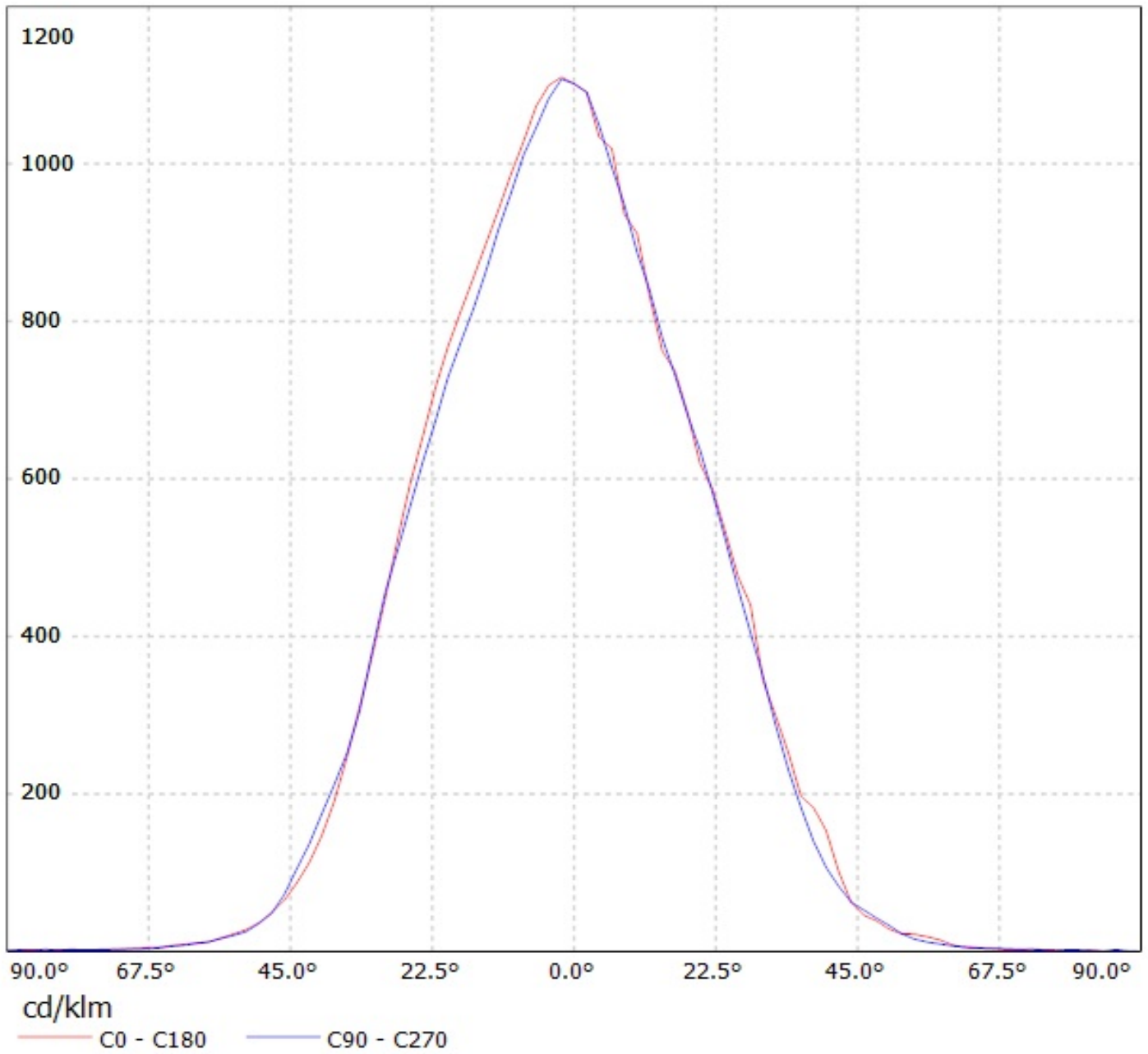
cd/klm

SIMULATED

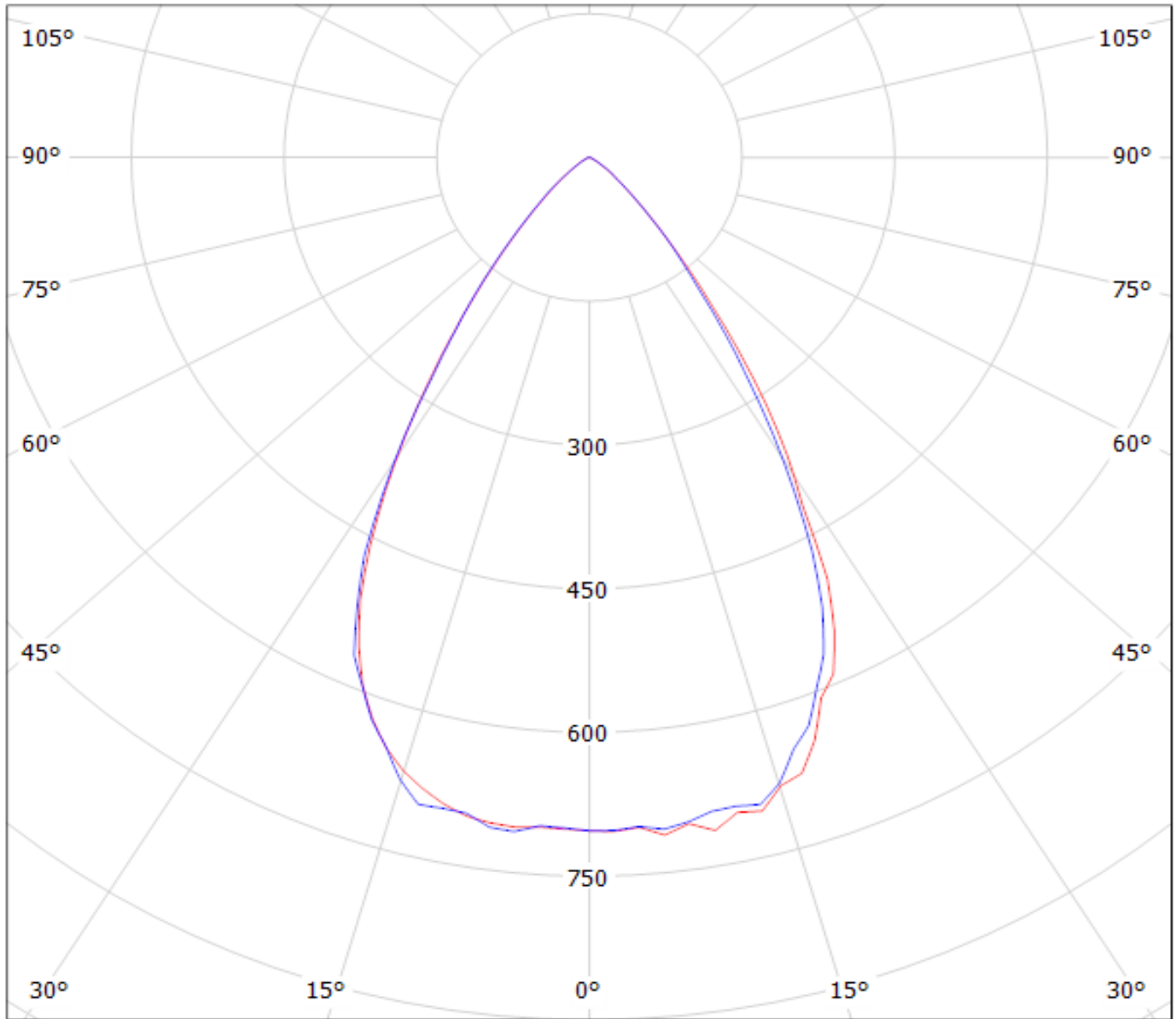
— C0 - C180

— C90 - C270

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)



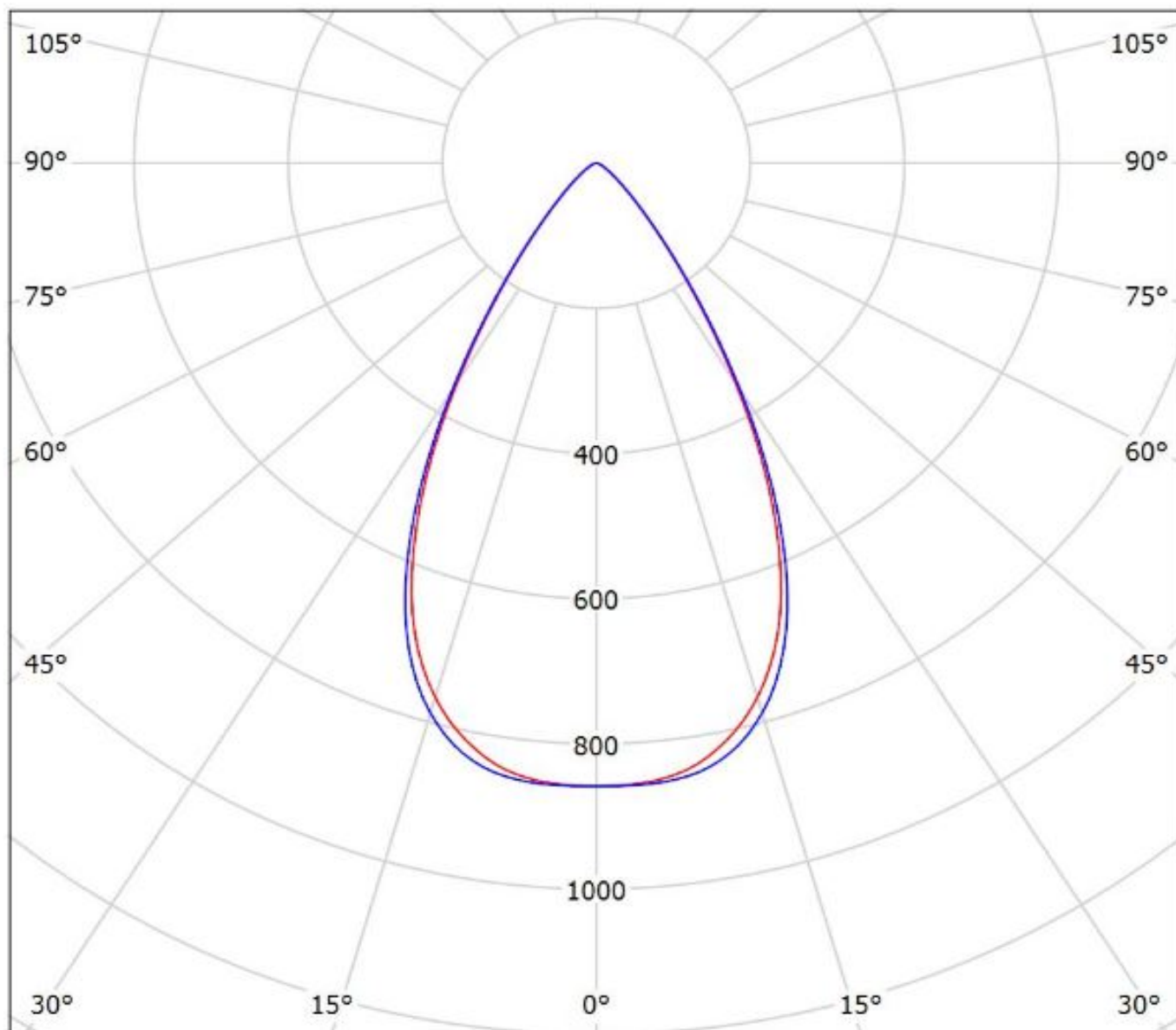
cd/klm

— 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



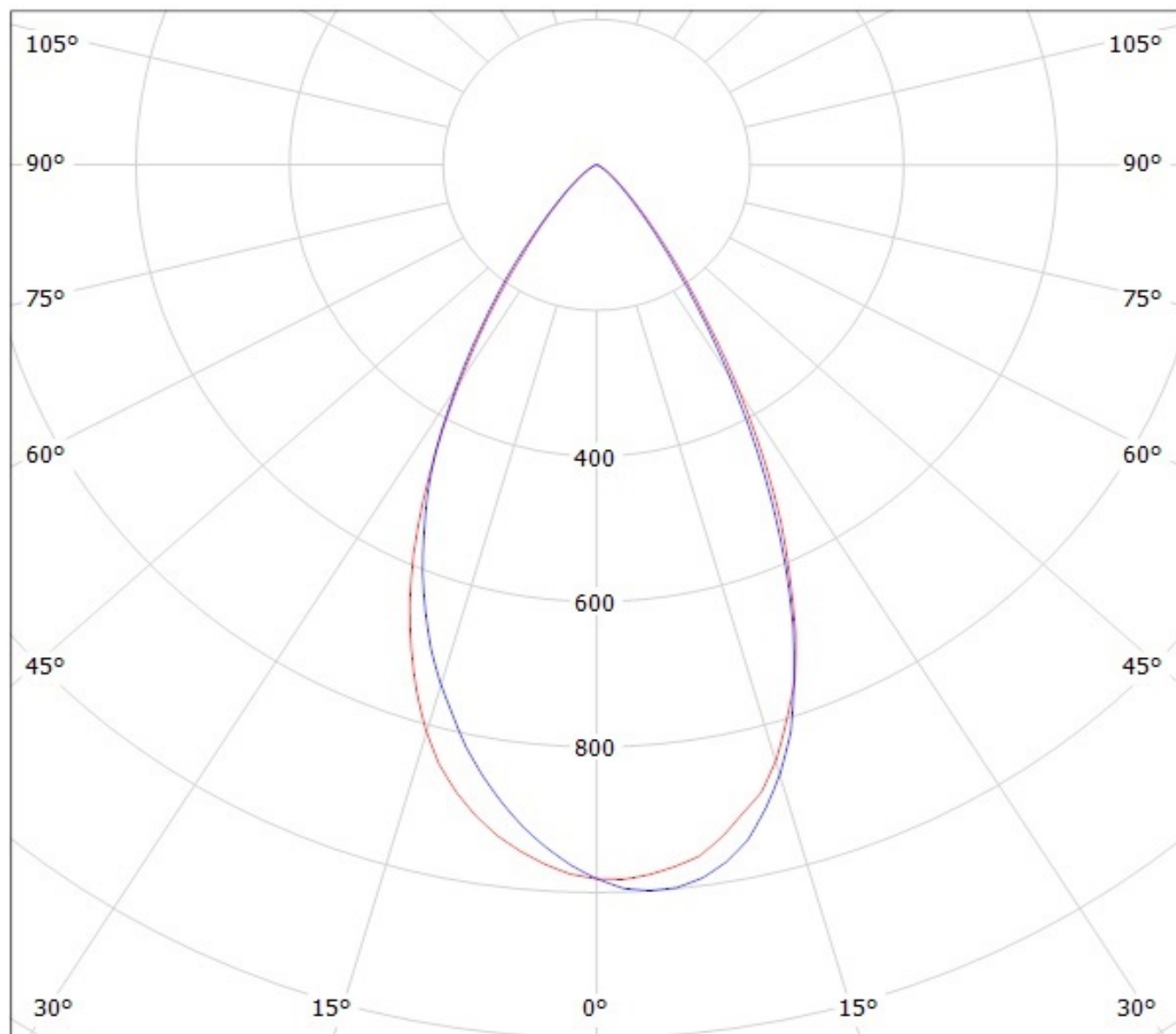
cd/klm

— 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.