

DETAILS

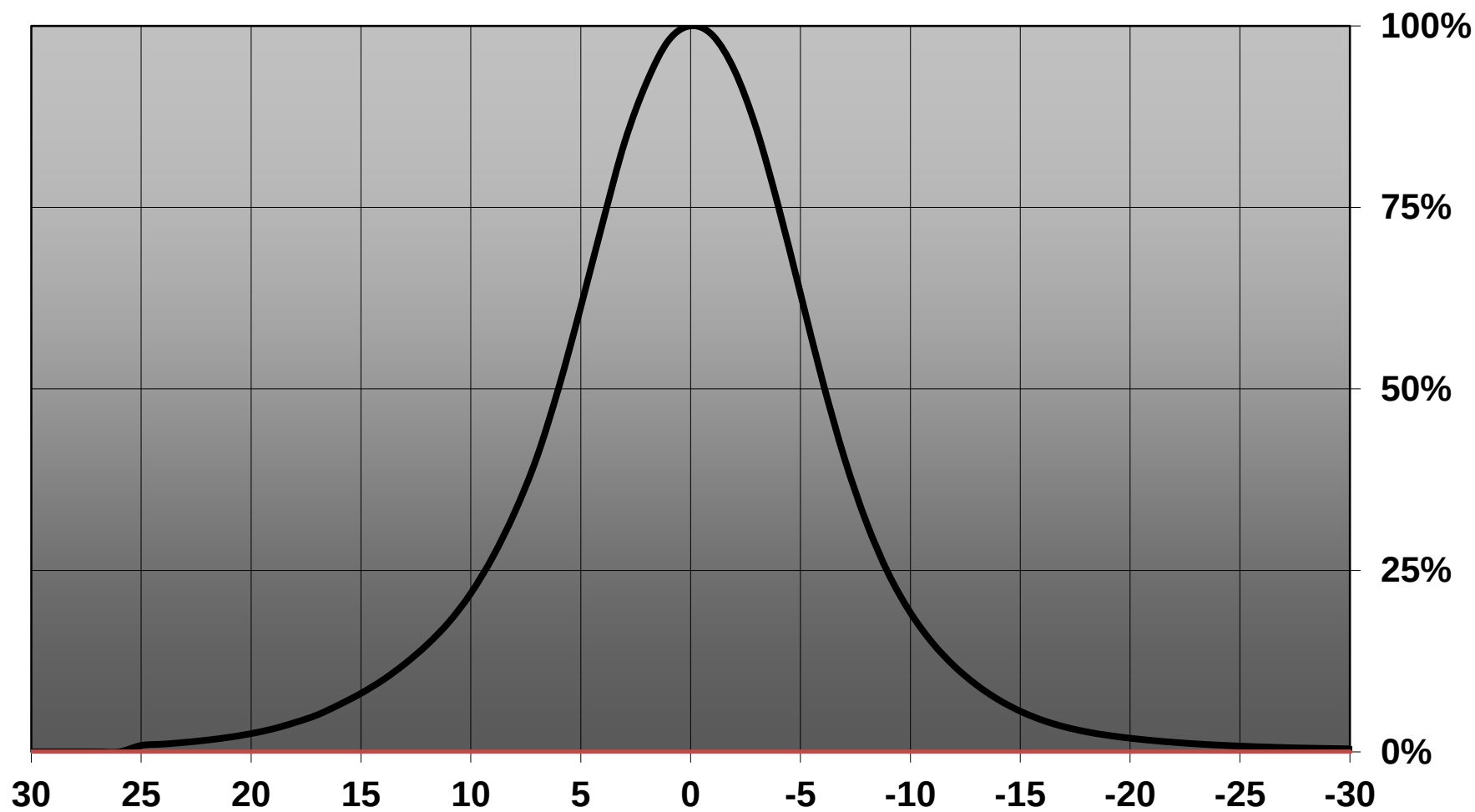
Product Number	CA12375_TINA2-D
Family	Tina2
Type	Assembly
Color	black
Diameter	16 mm
Height	9,5 mm
Style	round
Optic Material	PMMA
Holder Material	PC
Fastening	pin, tape
Status	ready
ROHS Compliant	Yes
Date Updated	1/12/2014



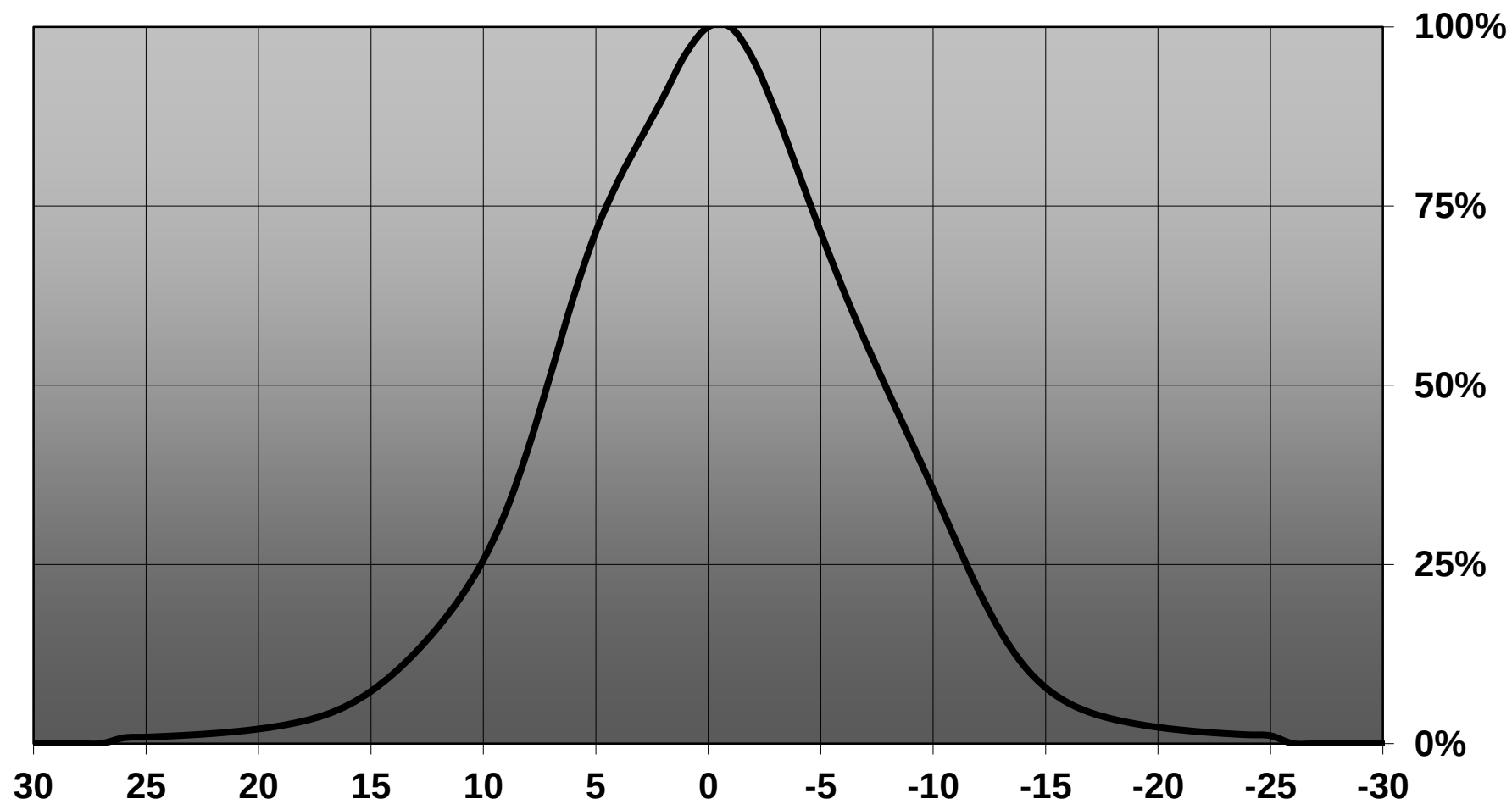
OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
Duris S5 (2 chip)	sim: 17	Diffuser	sim: 92 %	sim: 8.030	-
Oslon SSL 80	12 deg	Diffuser	87 %	7.855	-
LUXEON Z ES	12 deg	Diffuser	-	sim: 0.000	-
Oslon Square PC	13 deg	Diffuser	87 %	6.300	-
Oslon SSL 150	14 deg	Diffuser	89 %	9.300	-
SFH4725s (IR)	15 deg	Diffuser	-	sim: 0.000	-
LUXEON TX	15 deg	Diffuser	88 %	8.250	-
Oslon Square EC	16 deg	Diffuser	87 %	6.200	-
XB-H	16 deg	Diffuser	86 %	7.700	-
SFH 4715S (IR)	17 deg	Diffuser	-	sim: 0.000	-

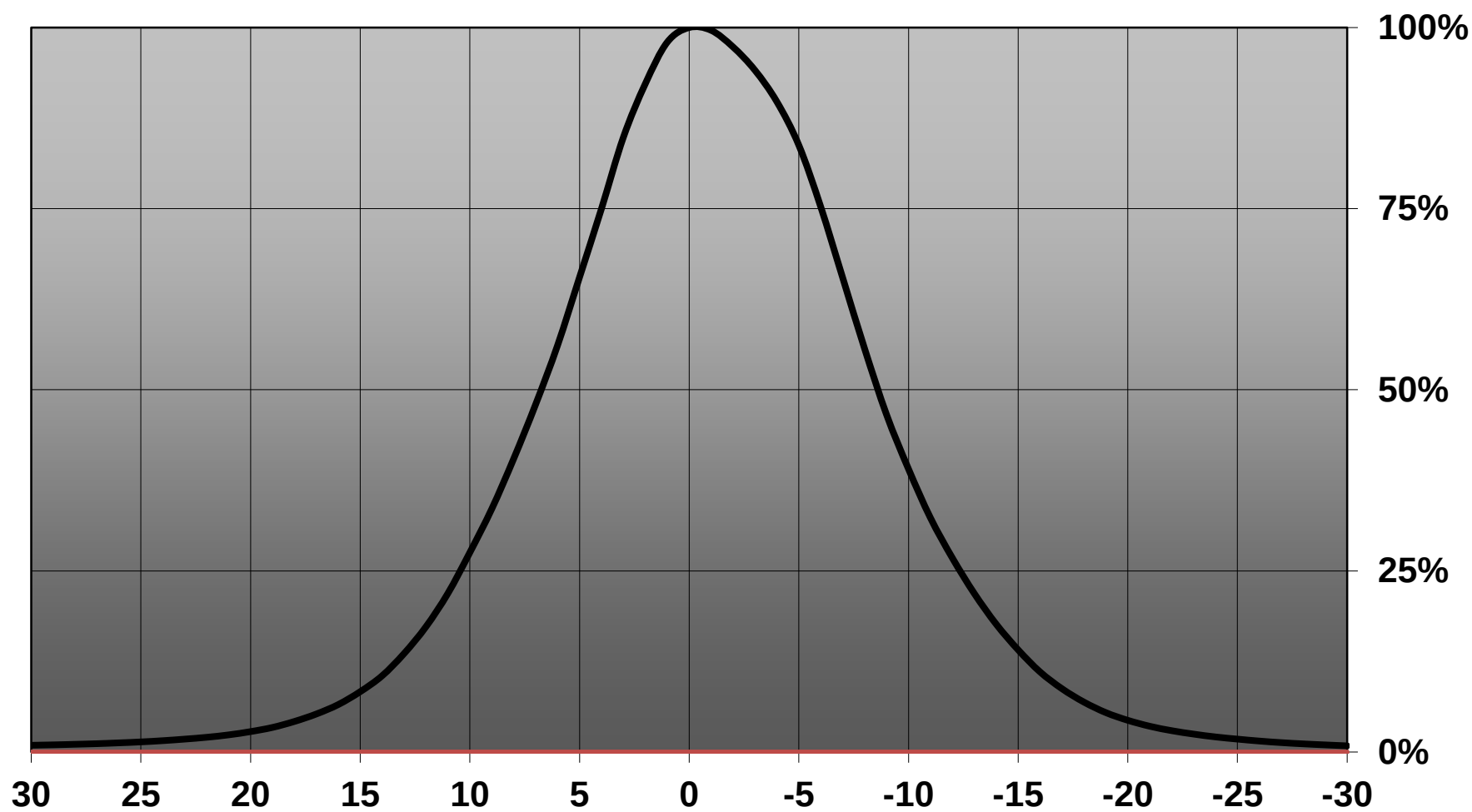
Relative intensity of CA12375_TINA2-D_(Luxeon Z ES)

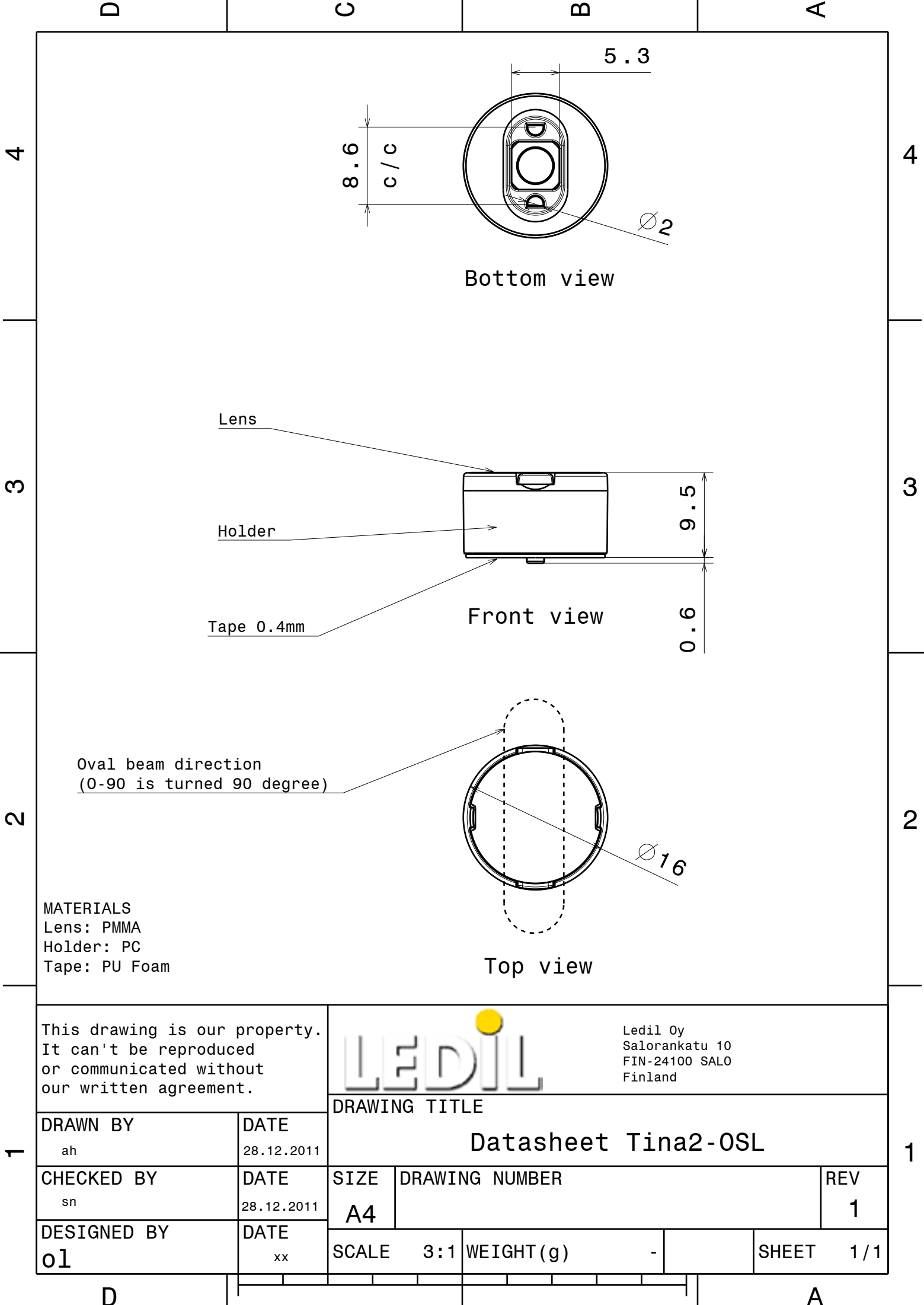


Relative intensity of CA12375_TINA2-D_(SFH4725S)



Relative intensity of CA12375_TINA2-D-SFH4715S





MATERIALS
Lens: PMMA
Holder: PC
Tape: PU Foam

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Ledil Oy
Salorankatu 10
FIN-24100 SALO
Finland

DRAWING TITLE

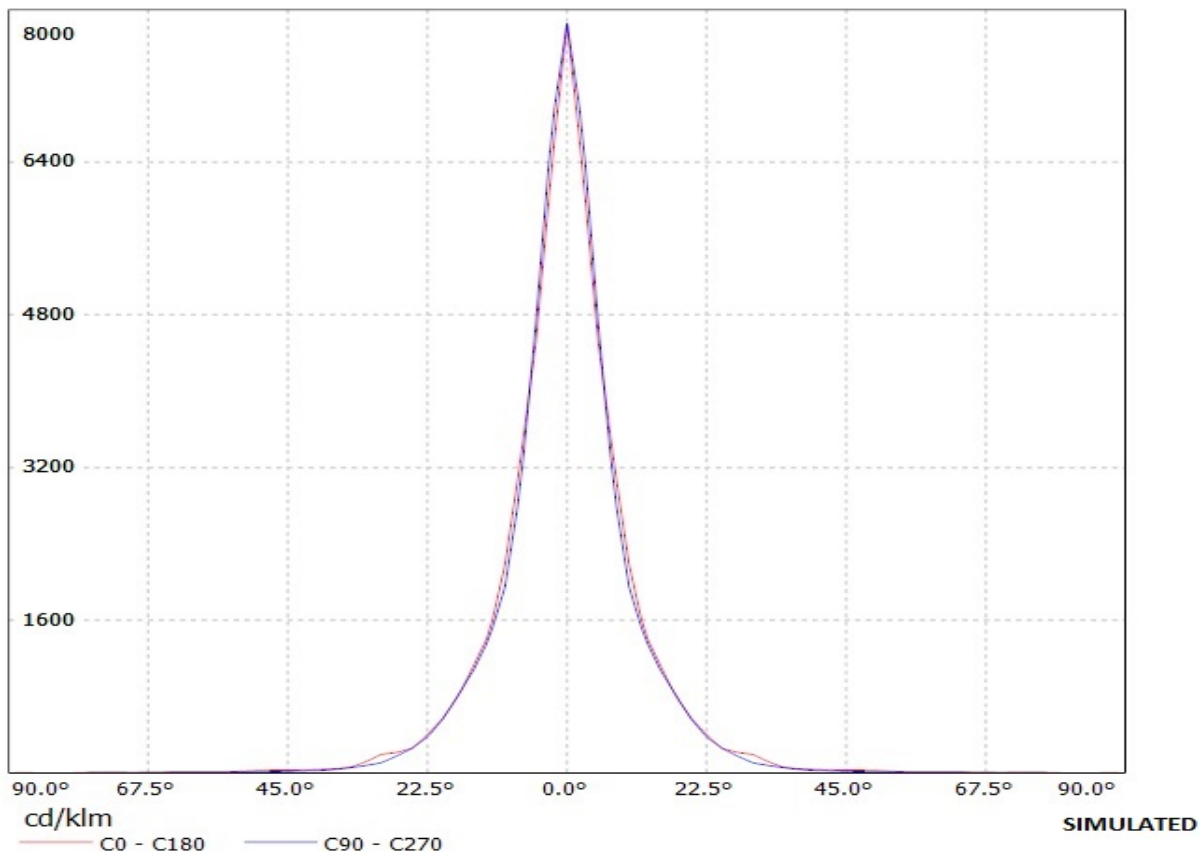
Datasheet Tina2-OSL

DRAWN BY ah	DATE 28.12.2011
CHECKED BY sn	DATE 28.12.2011
DESIGNED BY ol	DATE xx

SIZE A4	DRAWING NUMBER	REV 1
SCALE 3 : 1	WEIGHT (g) -	SHEET 1 / 1

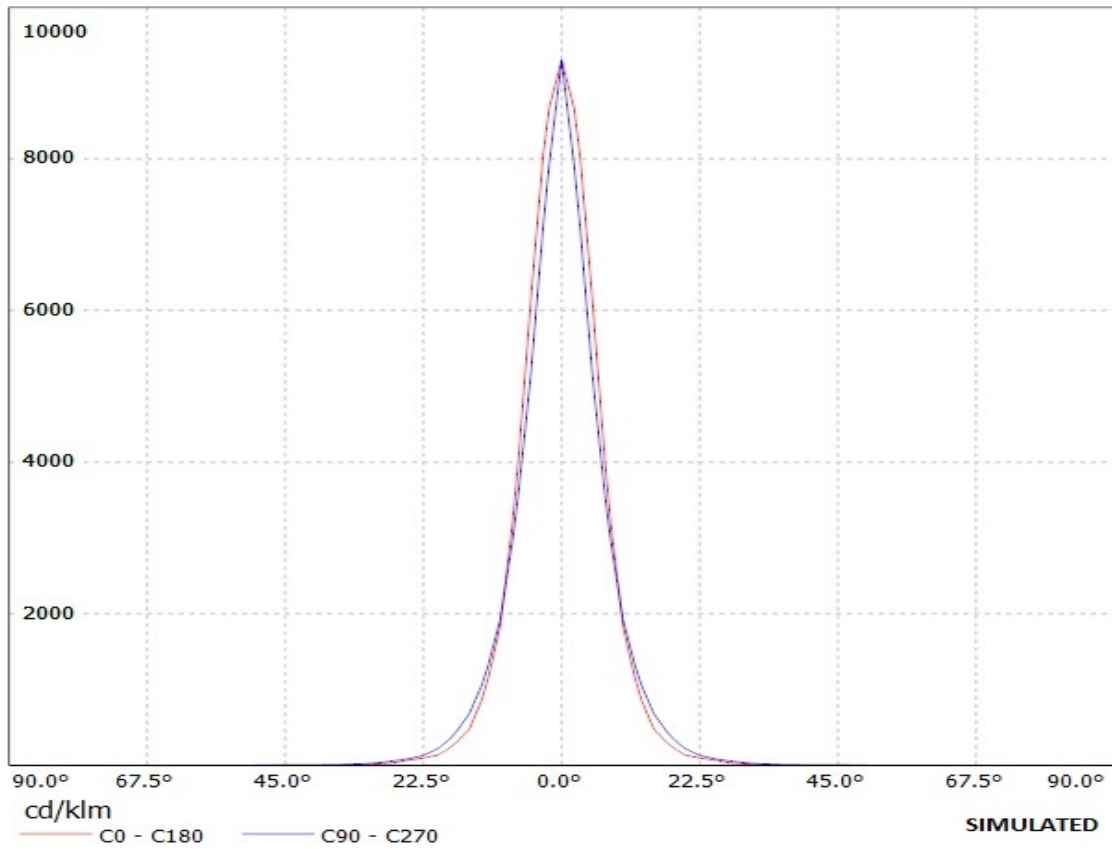
Ledil Oy CA12375_Tina2-D-OSL80 LOR=89% / LDC (Linear)

Luminaire: Ledil Oy CA12375_Tina2-D-OSL80 LOR=89%
Lamps: 1 x Osram OSL80 250mA 87lm



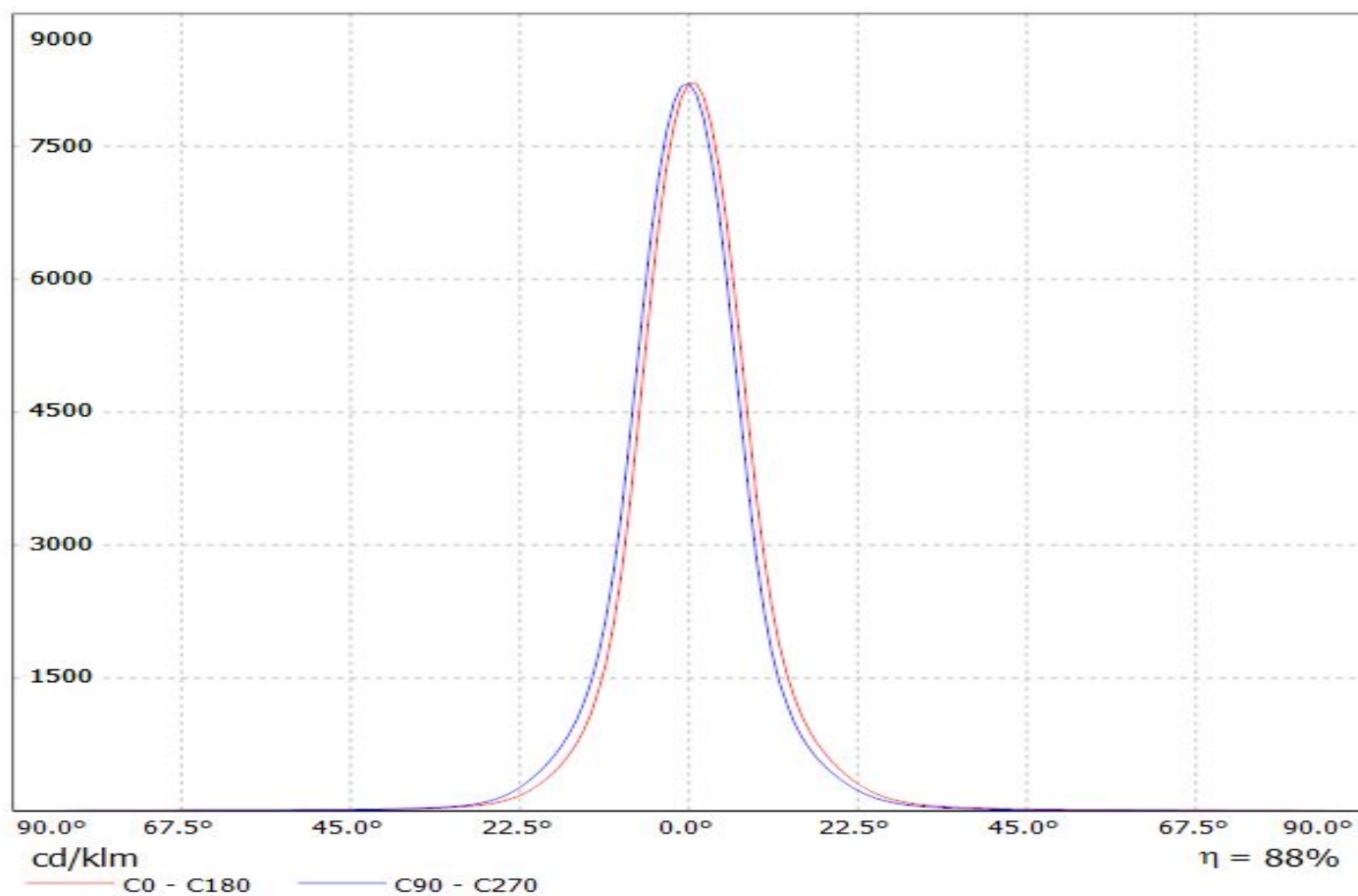
Ledil Oy CA12375_Tina2-D-OSL150 LOR=89% / LDC (Linear)

Luminaire: Ledil Oy CA12375_Tina2-D-OSL150 LOR=89%
Lamps: 1 x Osram OSL150 250mA 110lm

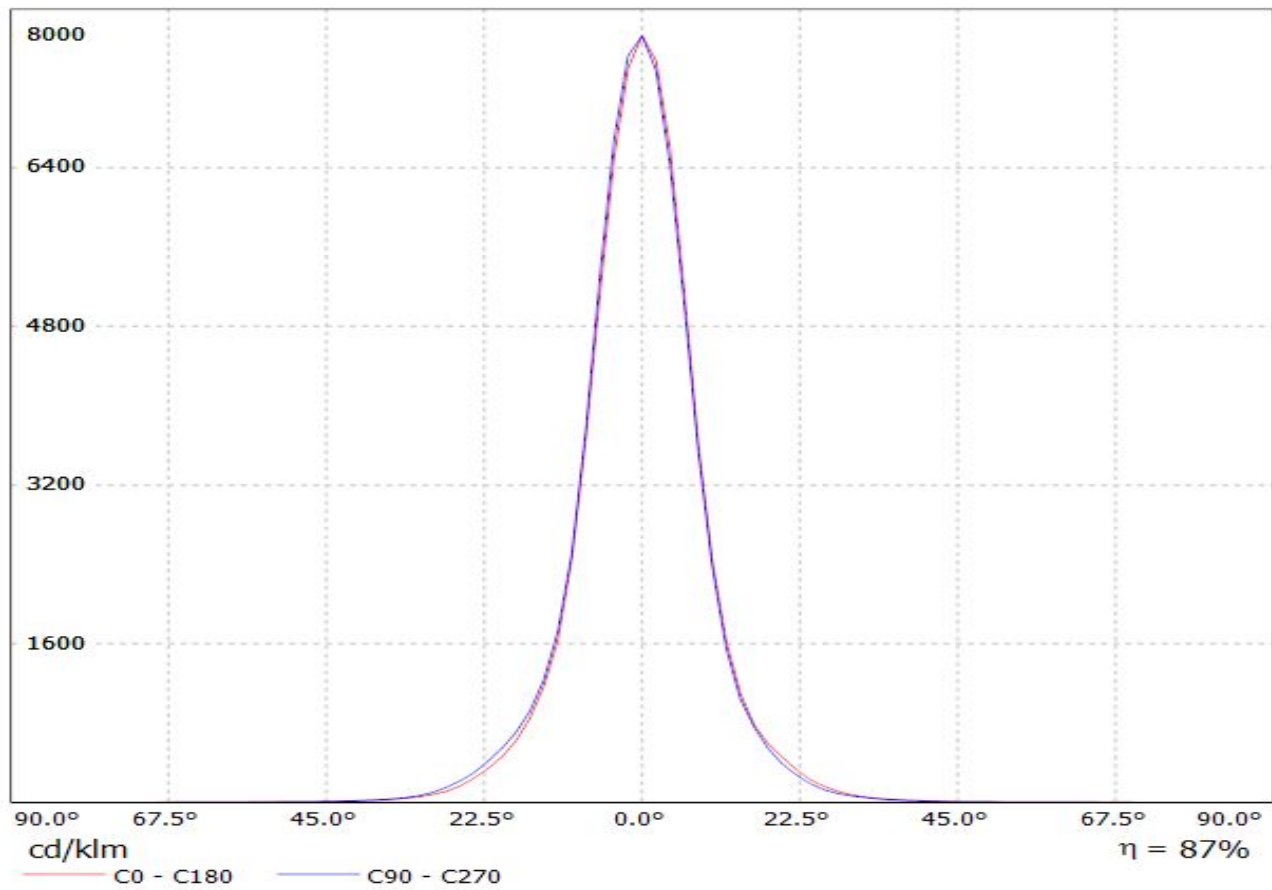


Luminaire: LEDiL Oy CA12375_TINA2-D_(TX)

Lamps: 1 x Luxeon_TX_(L1T2-5770)_109.05lm@250mA_P=0.732157W_I=0.2499A



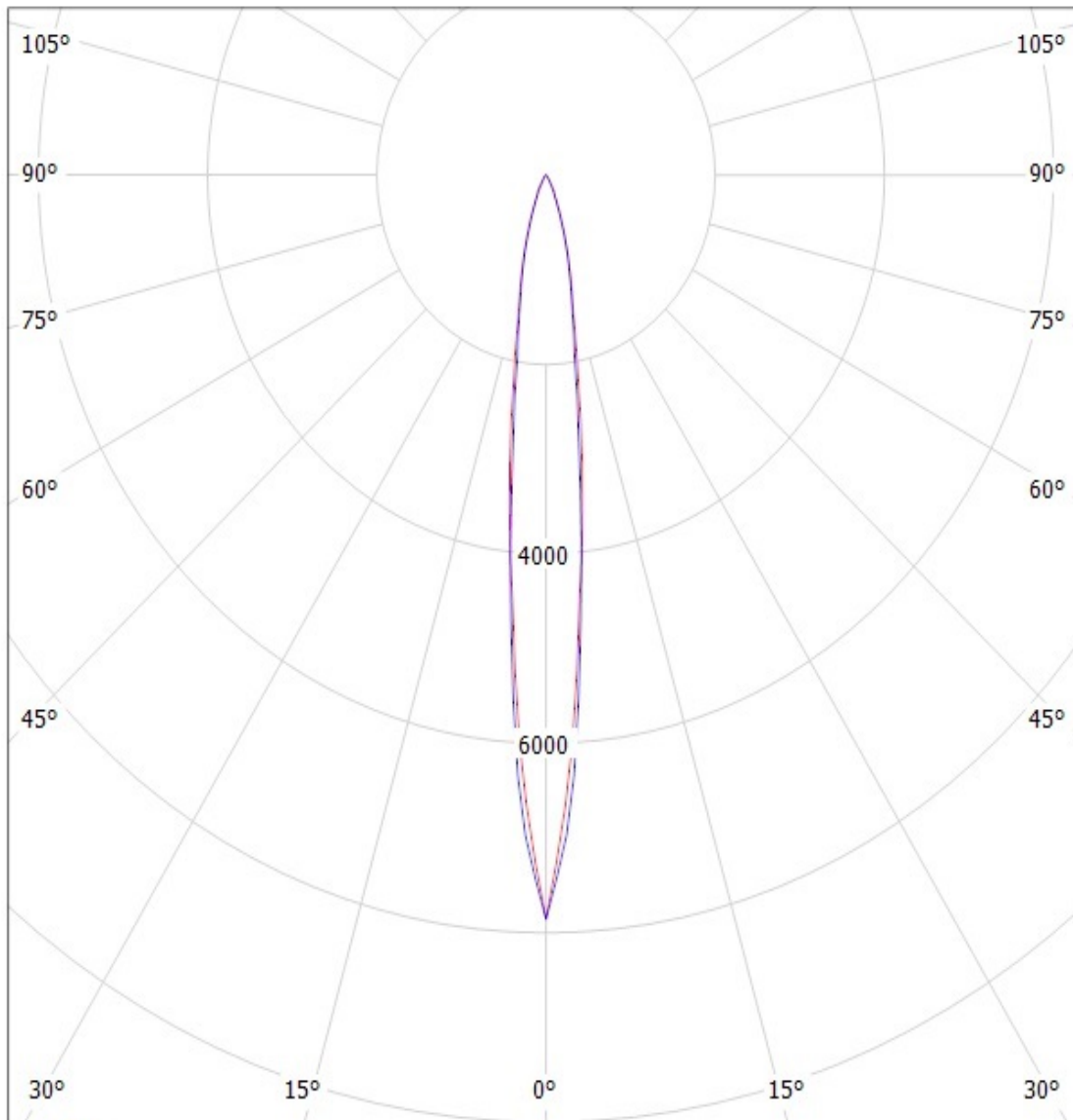
Luminaire: Ledil Oy CA12375_TINA2-D_(XB-H)
Lamps: 1 x Cree XB-H (XBHAWT-0-3C0-T50-0B-0001) 106lm @ 250mA CCT= P=0.73W I=250mA



Ledil Oy CA12375_Tina2-D-OSL80 LOR=89% / LDC (Polar)

Luminaire: Ledil Oy CA12375_Tina2-D-OSL80 LOR=89%

Lamps: 1 x Osram OSL80 250mA 87lm



cd/klm

— C0 - C180

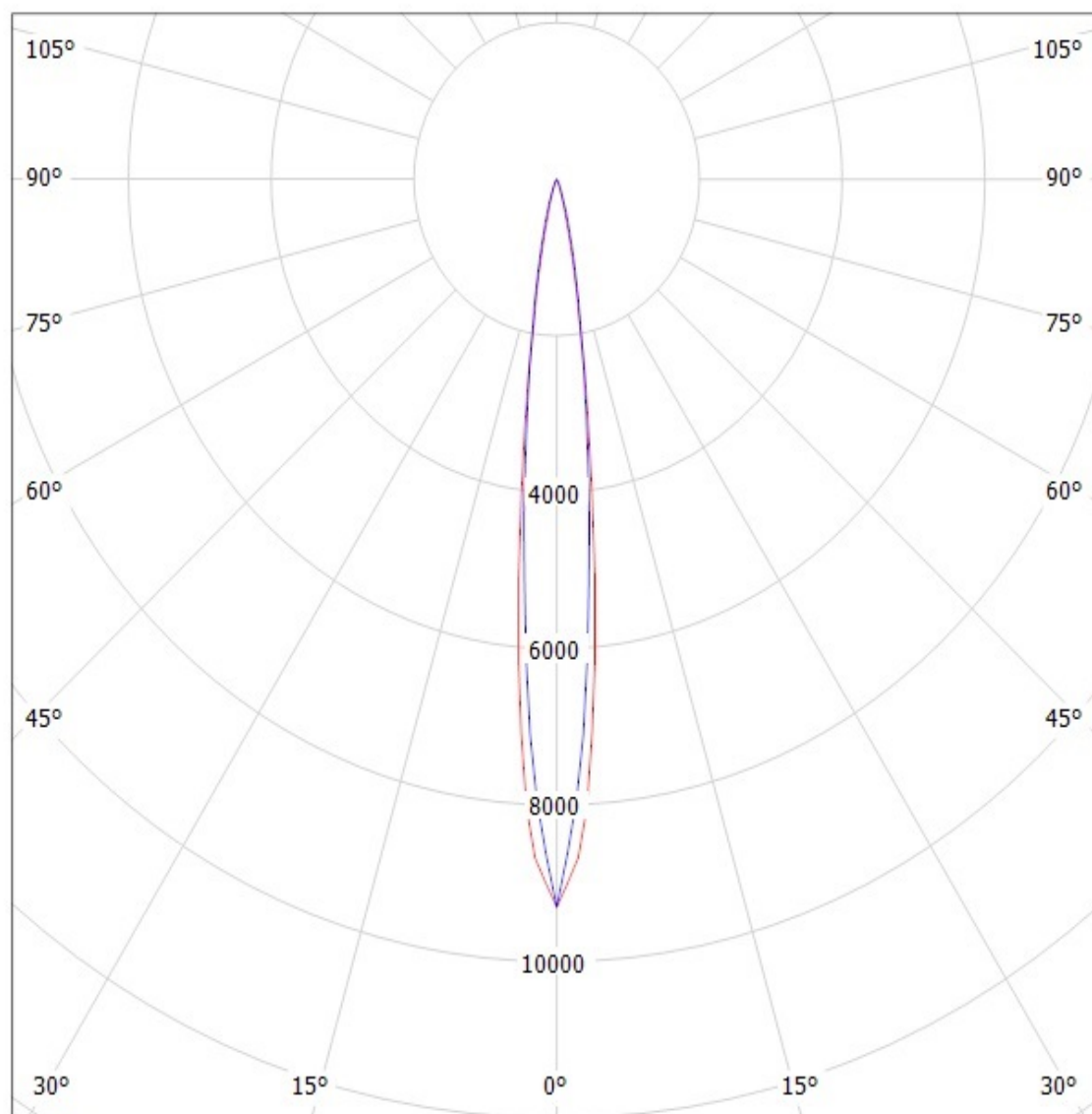
— C90 - C270

SIMULATED

Ledil Oy CA12375_Tina2-D-OSL150 LOR=89% / LDC (Polar)

Luminaire: Ledil Oy CA12375_Tina2-D-OSL150 LOR=89%

Lamps: 1 x Osram OSL150 250mA 110lm



cd/klm

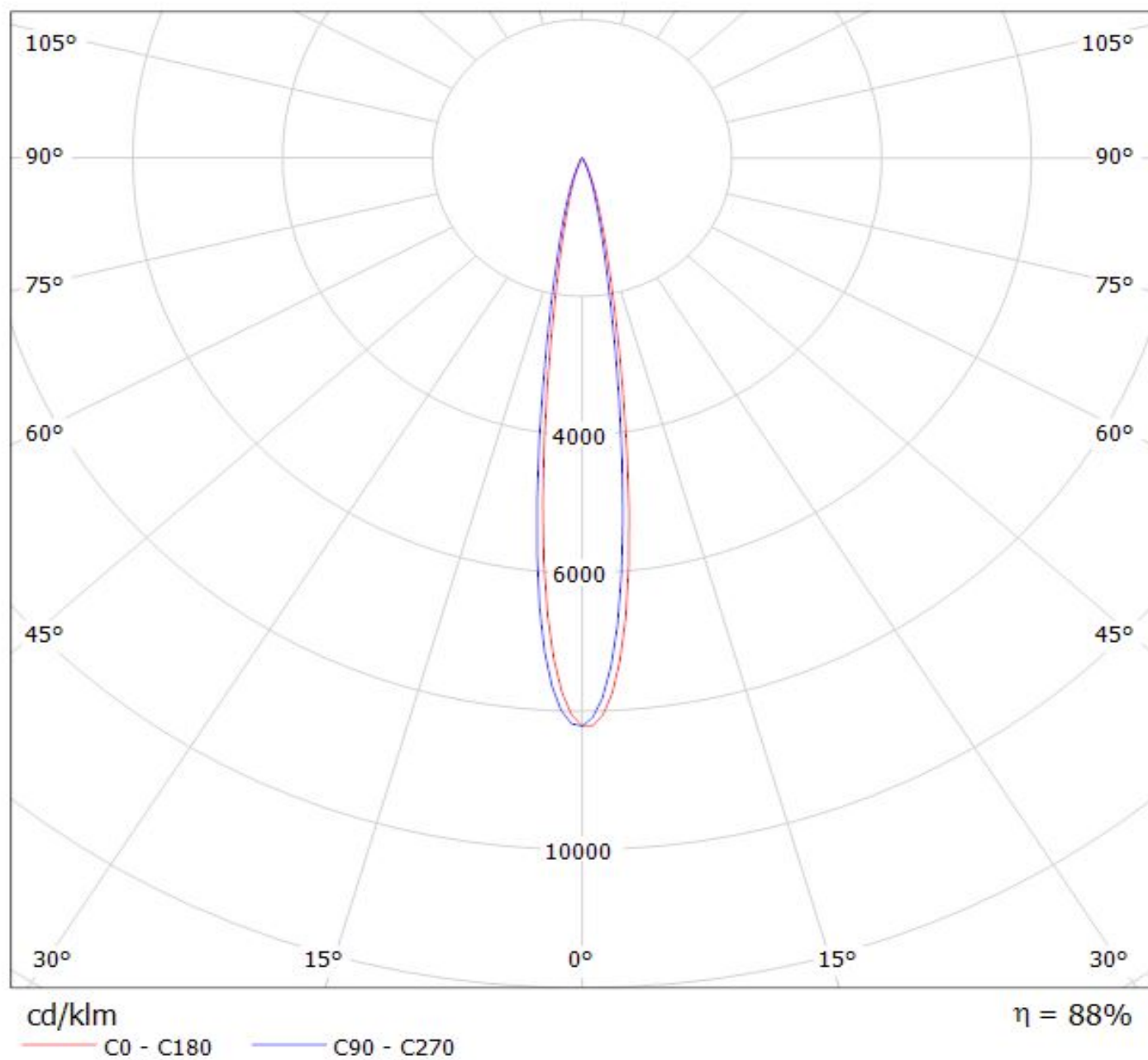
— C0 - C180

— C90 - C270

SIMULATED

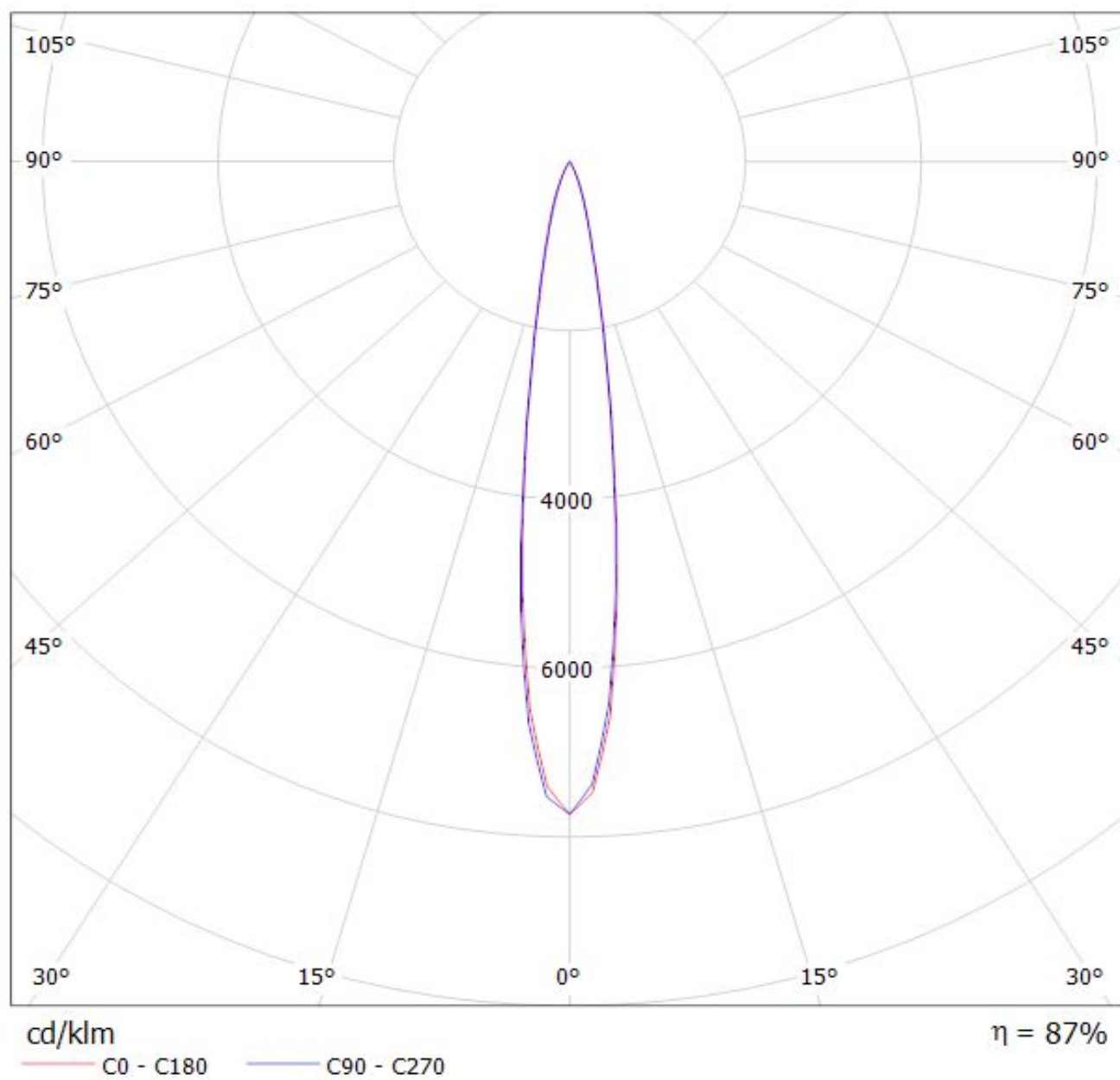
Luminaire: LEDiL Oy CA12375_TINA2-D_(TX)

Lamps: 1 x Luxeon_TX_(L1T2-5770)_109.051lm@250mA_P=0.732157W_I=0.2499A



Luminaire: Ledil Oy CA12375_TINA2-D_(XB-H)

Lamps: 1 x Cree XB-H (XBHAWT-0-3C0-T50-0B-0001) 106lm @ 250mA CCT= P=0.73W I=250mA



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.