

## DETAILS

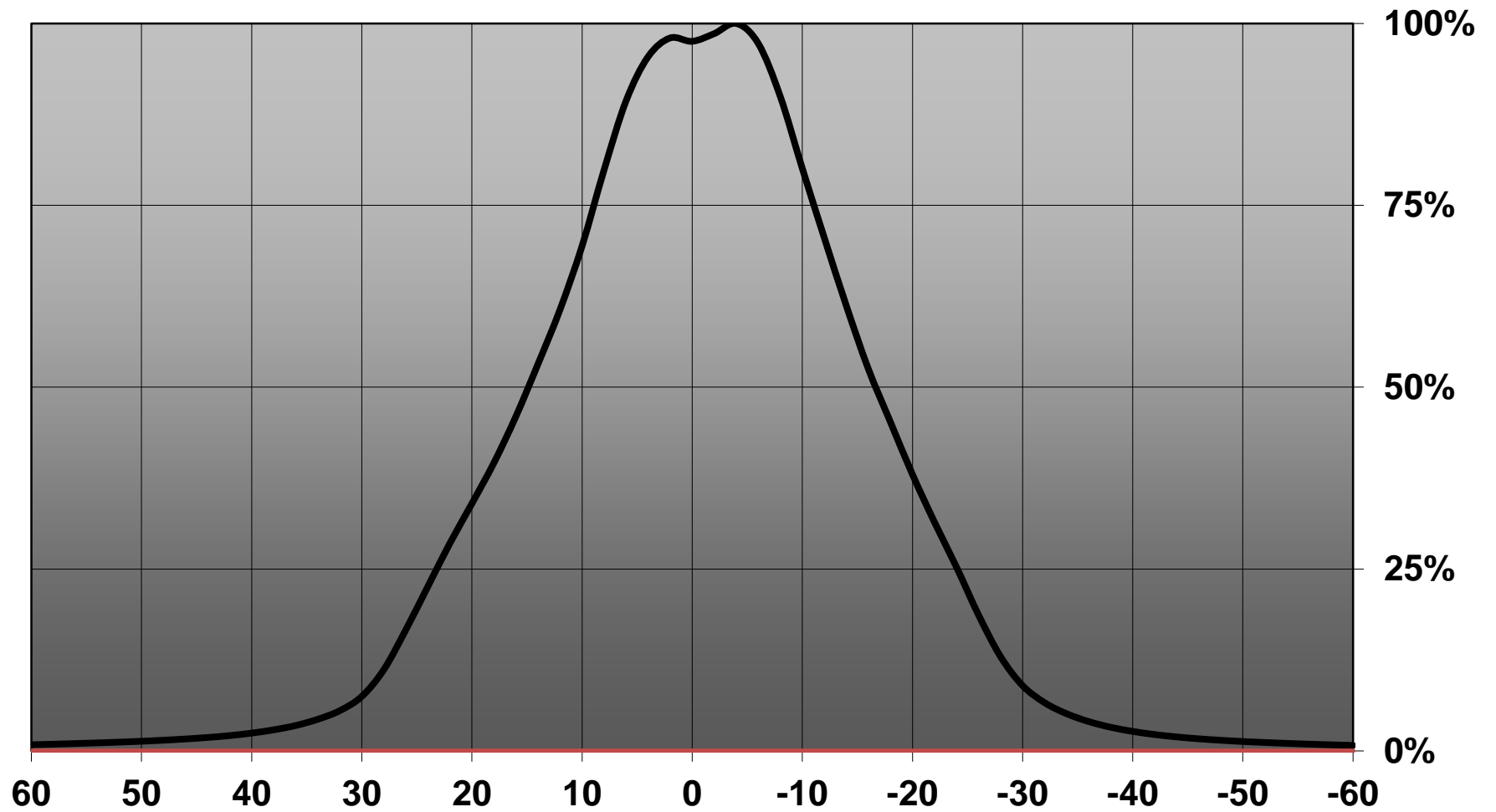
<b>Product Number</b>	CA12378_TINA2-W
<b>Family</b>	Tina2
<b>Type</b>	Assembly
<b>Color</b>	black
<b>Diameter</b>	16 mm
<b>Height</b>	9,5 mm
<b>Style</b>	round
<b>Optic Material</b>	PMMA
<b>Holder Material</b>	PC
<b>Fastening</b>	pin, tape
<b>Status</b>	ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	25/09/2015



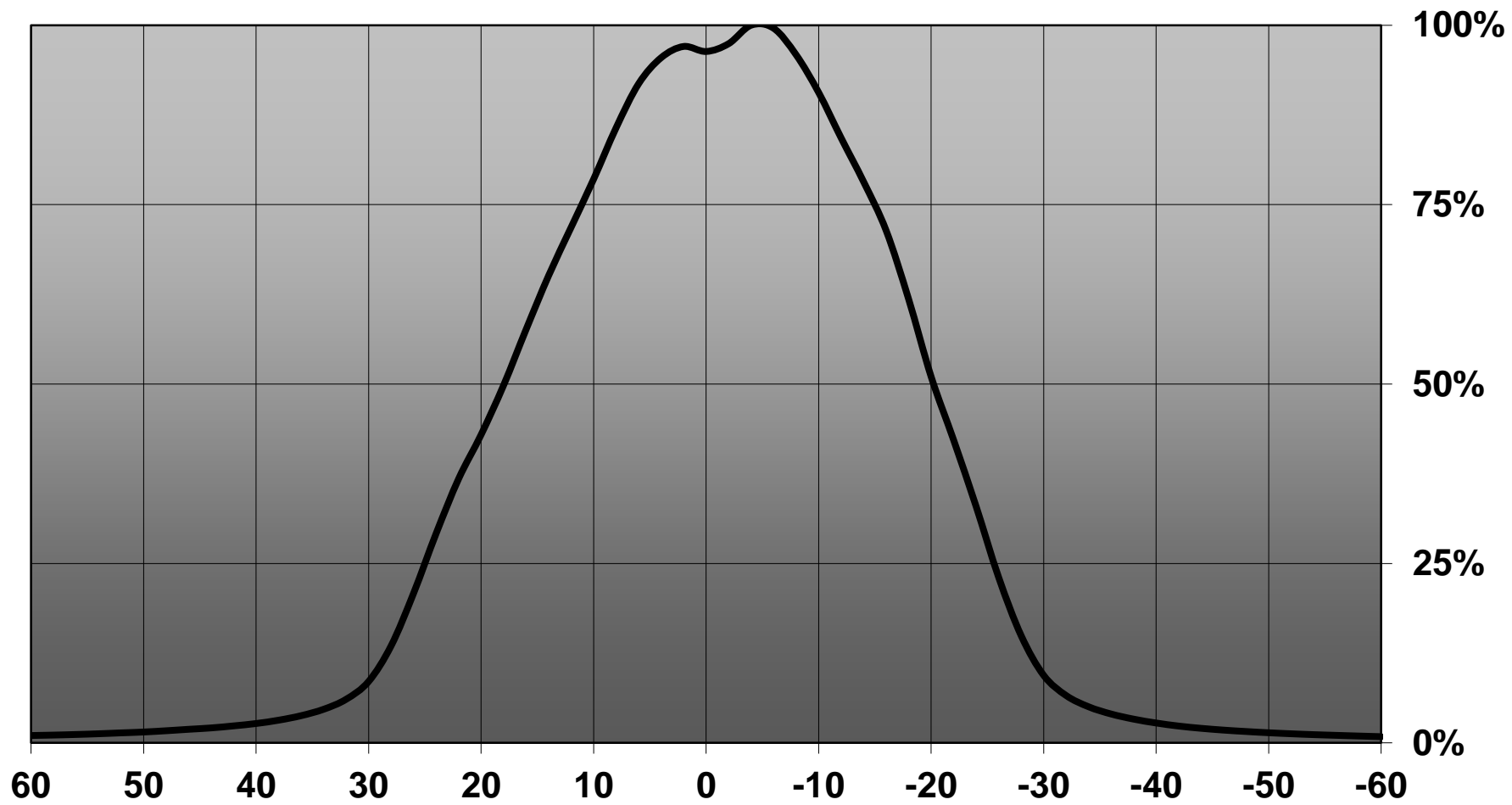
## OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
Luxeon C	sim: 44	Wide	sim: 91 %	sim: 1.800	-
SFH 4715S (IR)	36 deg	Wide	sim: 89 %	sim: 0.000	-
SFH4725s (IR)	38 deg	Wide	-	sim: 0.000	-
Oslon SSL 80	49 deg	Wide	86 %	1.300	-
LUXEON TX	49 deg	Wide	88 %	1.550	-
Oslon Square EC	50 deg	Wide	84 %	1.100	-
Oslon SSL 150	53 deg	Wide	85 %	1.200	-

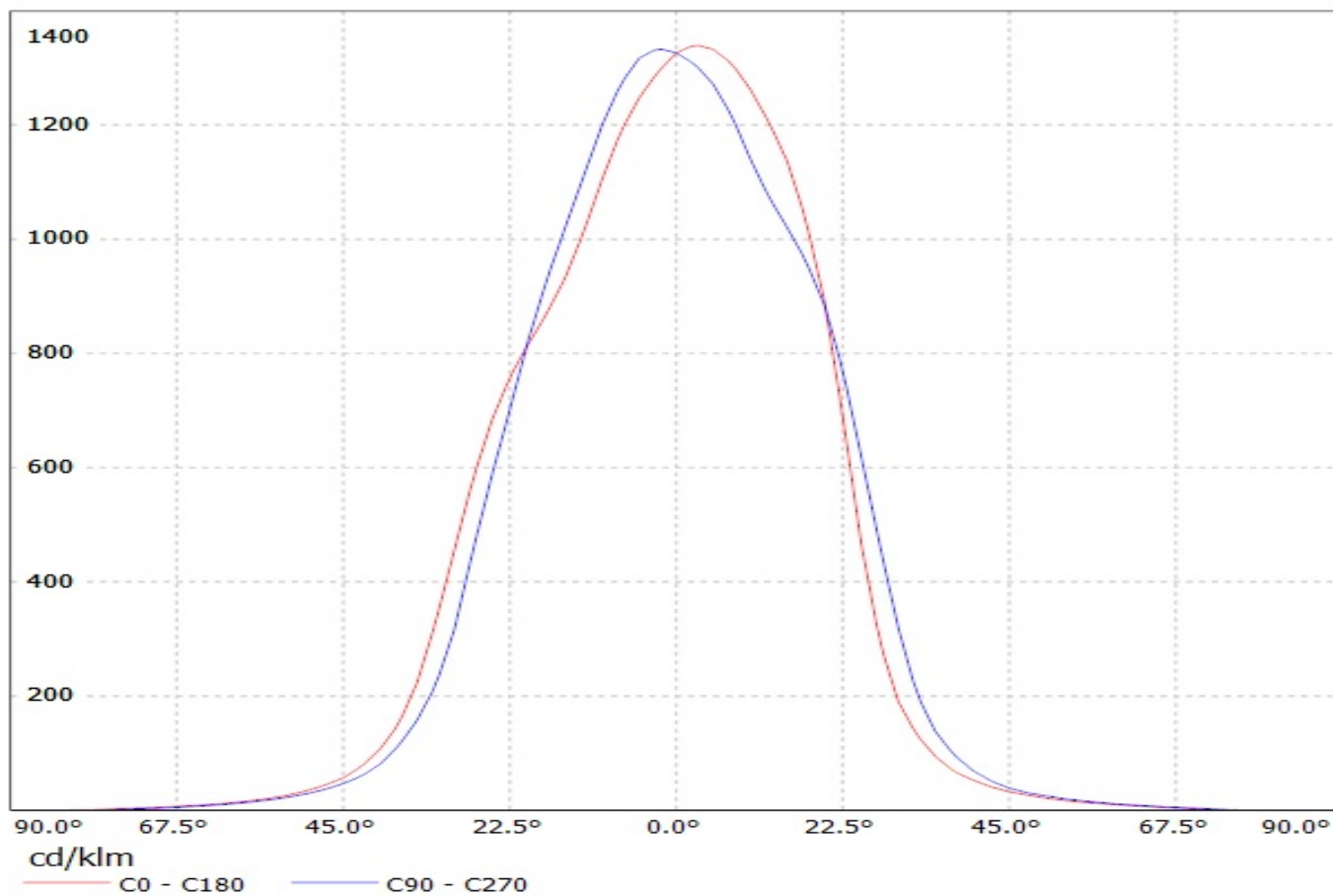
Relative intensity of CA12378\_TINA2-W-SFH4715S



Relative intensity of CA12378\_TINA2-W\_(SFH4725S)

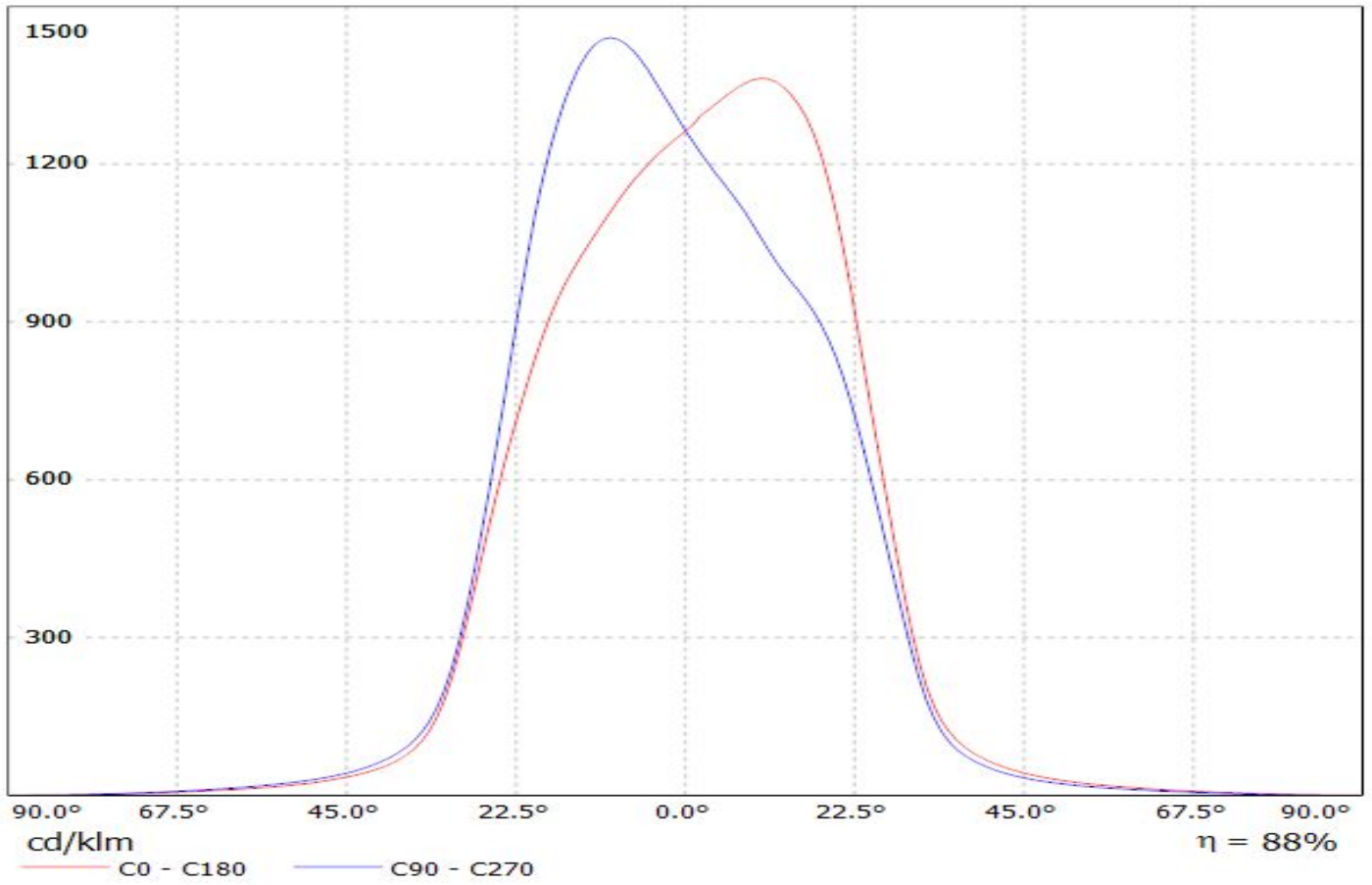


Luminaire: Ledil Oy CA12378\_TINA2-W (Osram OSlon 80deg 79lm @ 250mA) Efficiency=86%  
Lamps: 1 x Osram OSlon 80deg 79lm @ 250mA CCT=6453K P=0,76W I=250mA

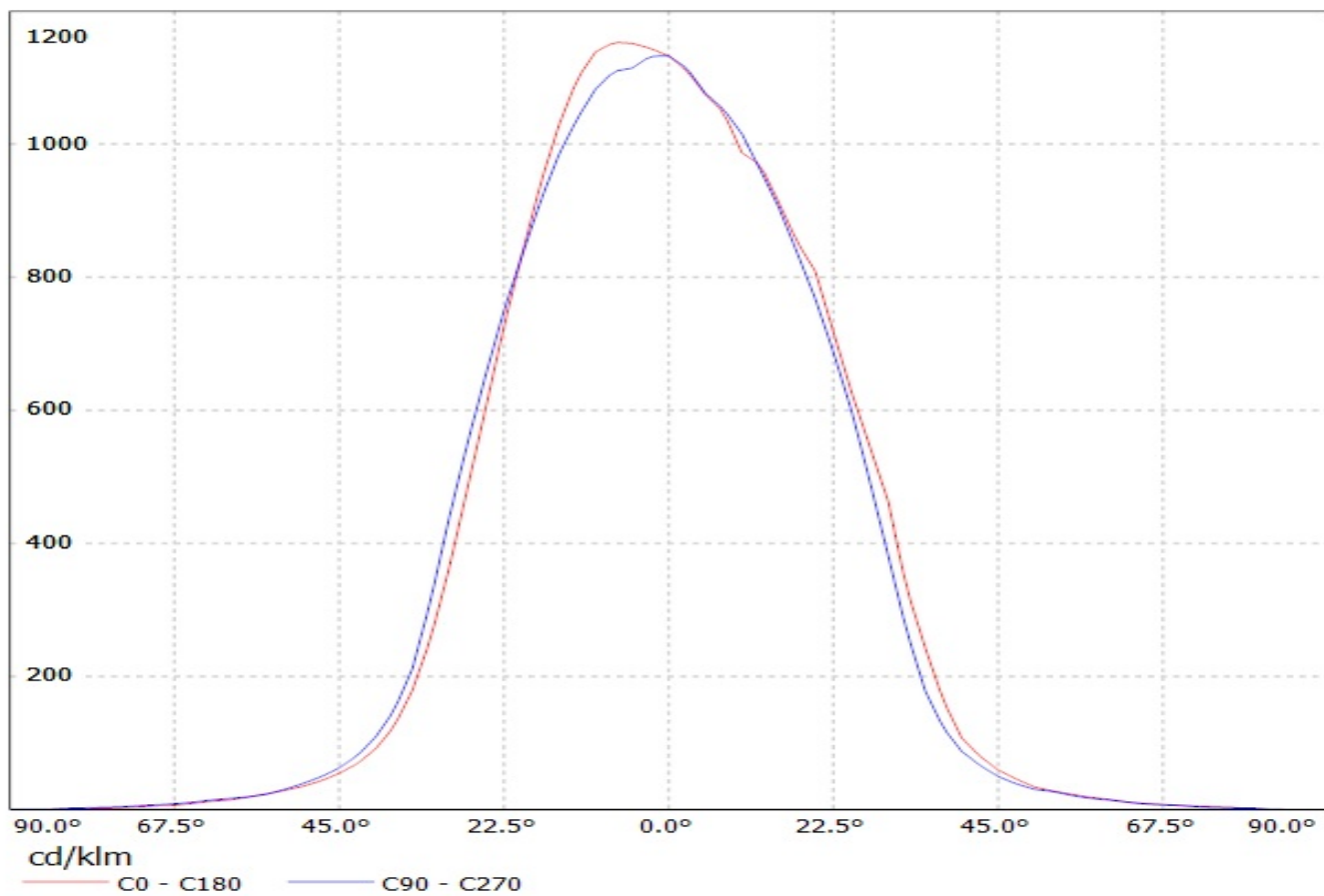


Luminaire: LEDiL Oy CA12378\_TINA2-W\_(TX)

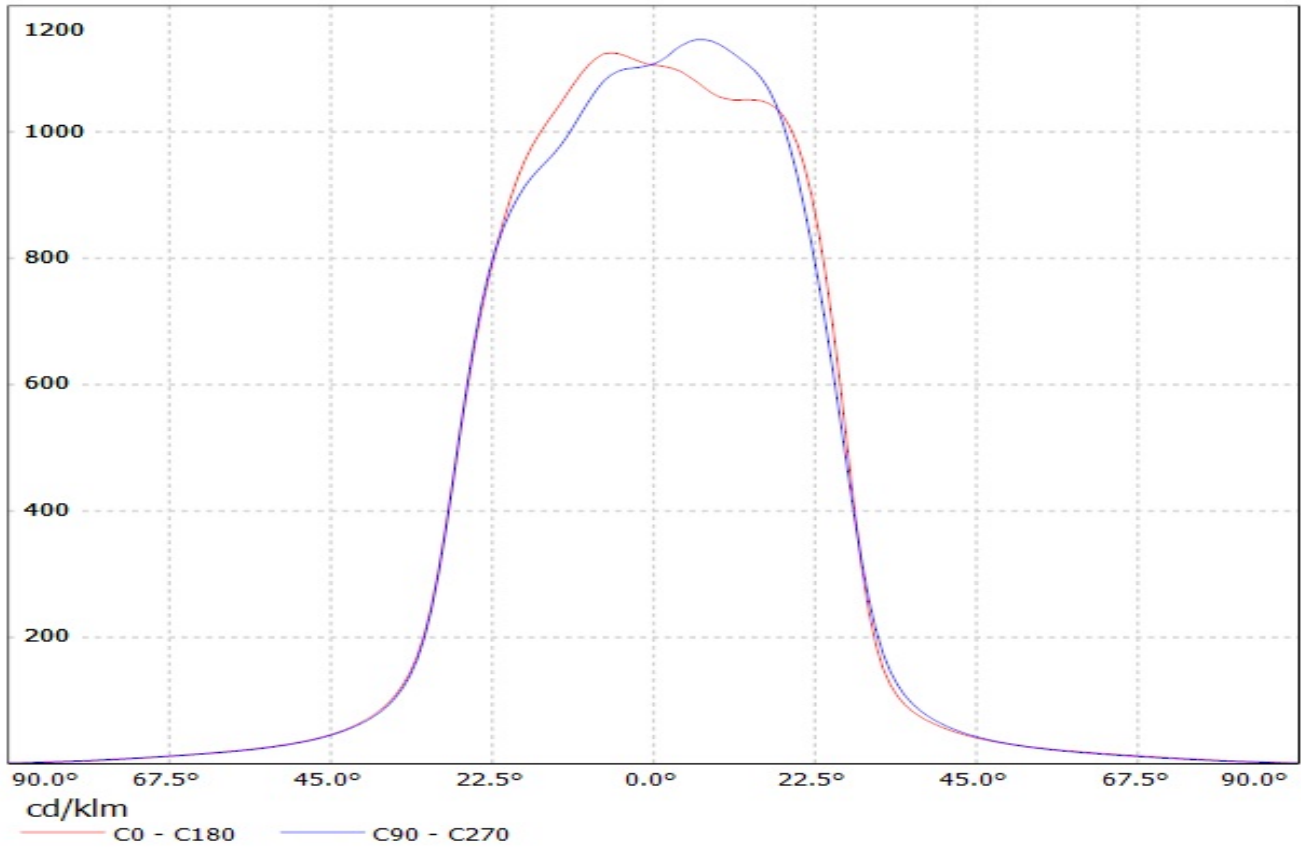
Lamps: 1 x Luxeon\_TX\_(L1T2-5770)\_109.051lm@250mA\_P=0.732157W\_I=0.2499A



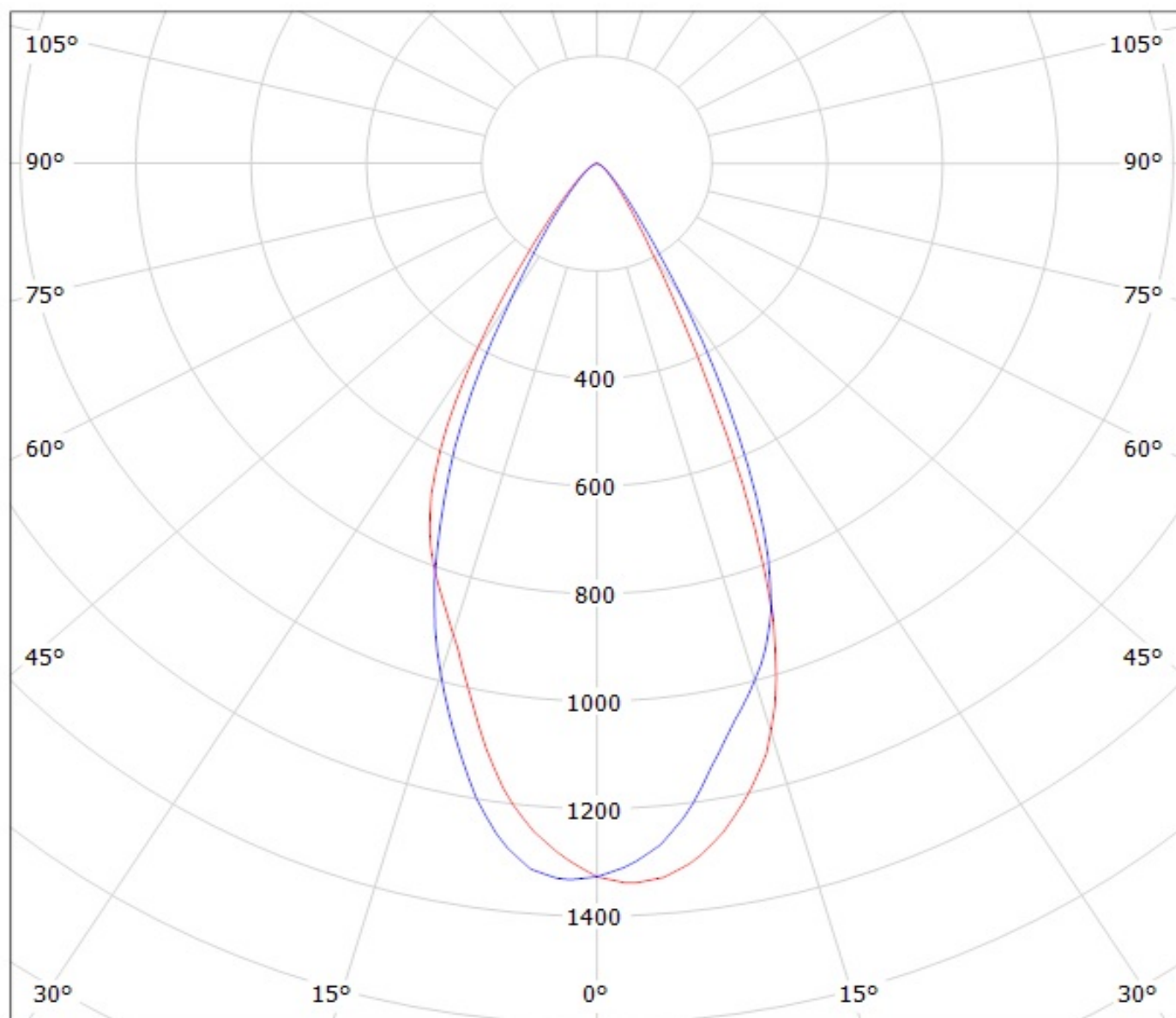
Luminaire: Ledil Oy CA12378\_TINA2-W (Osram Square EC 69lm @ 250mA) Efficiency=84%  
Lamps: 1 x Osram Square EC 69lm @ 250mA



Luminaire: LEDIL OY CA12378-TINA2-W (SSL150) Efficiency=85%  
Lamps: 1 x Osram Oslon SSL150 (95lm@250mA)



Luminaire: Ledil Oy CA12378\_TINA2-W (Osram OSlon 80deg 79lm @ 250mA) Efficiency=86%  
Lamps: 1 x Osram OSlon 80deg 79lm @ 250mA CCT=6453K P=0,76W I=250mA



cd/klm

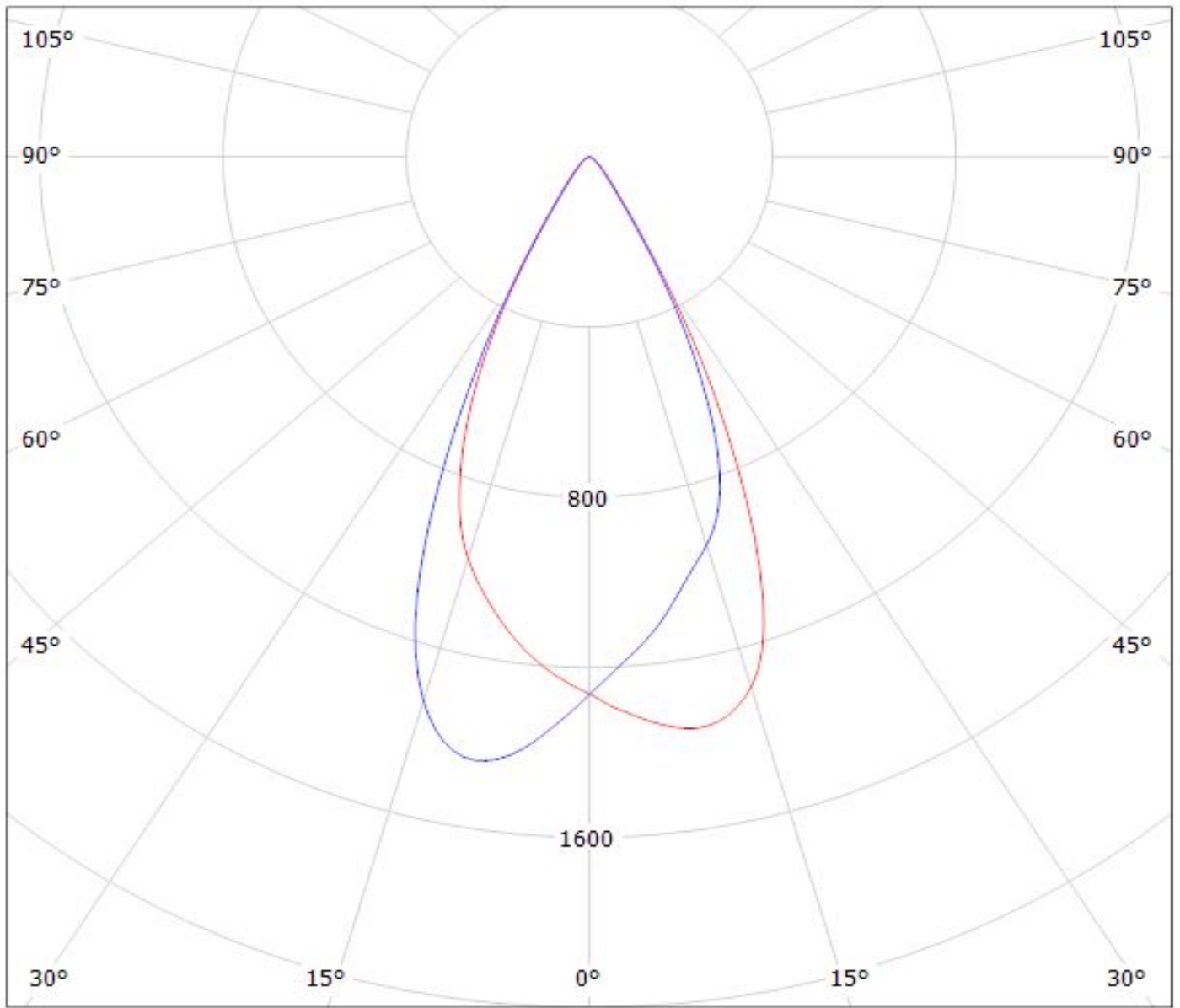
— C0 - C180

— C90 - C270



Luminaire: LEDiL Oy CA12378\_TINA2-W\_(TX)

Lamps: 1 x Luxeon\_TX\_(L1T2-5770)\_109.051lm@250mA\_P=0.732157W\_I=0.2499A



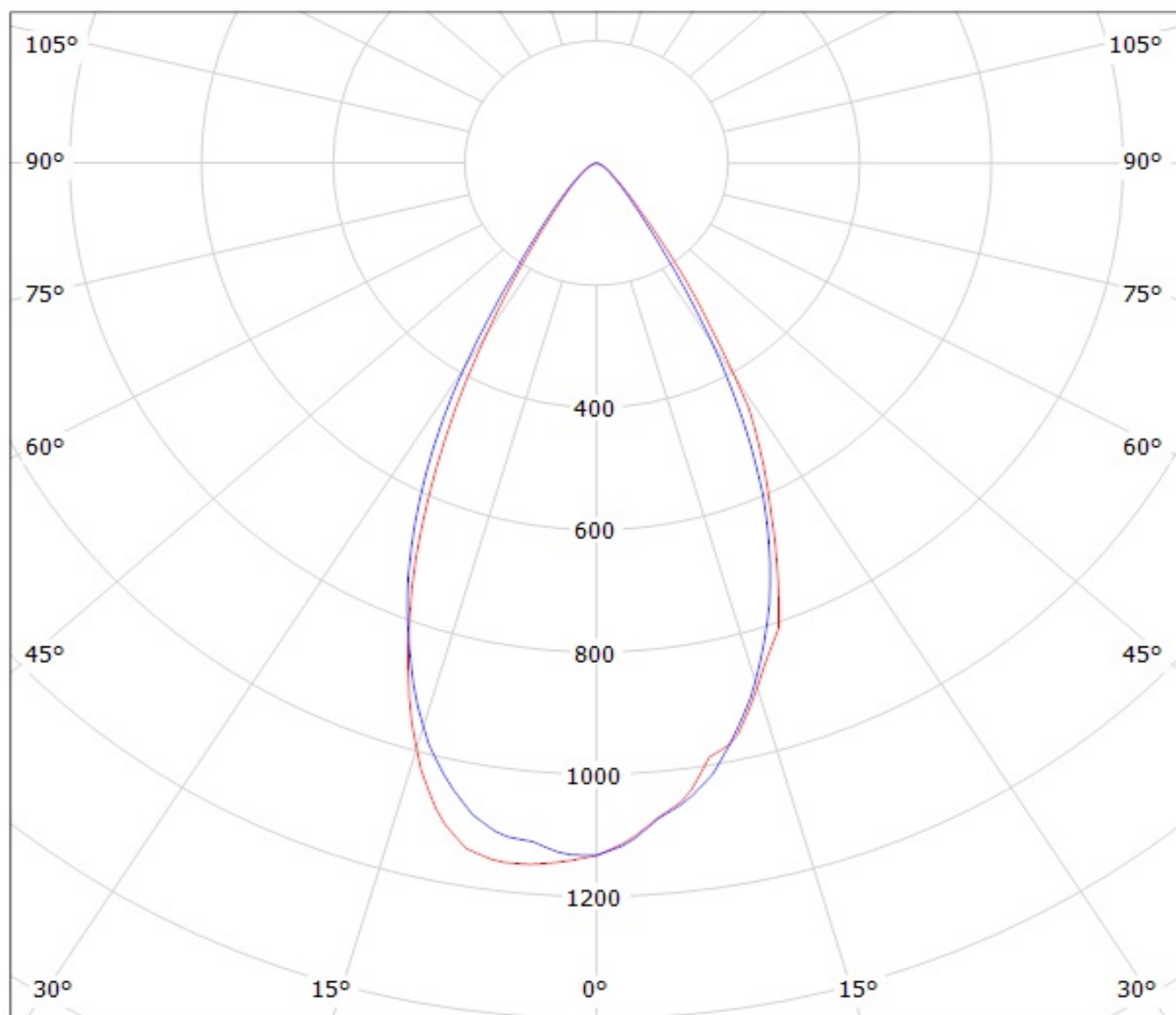
cd/klm

$\eta = 88\%$

— C0 - C180

— C90 - C270

Luminaire: Ledil Oy CA12378\_TINA2-W (Osram Square EC 69lm @ 250mA) Efficiency=84%  
Lamps: 1 x Osram Square EC 69lm @ 250mA

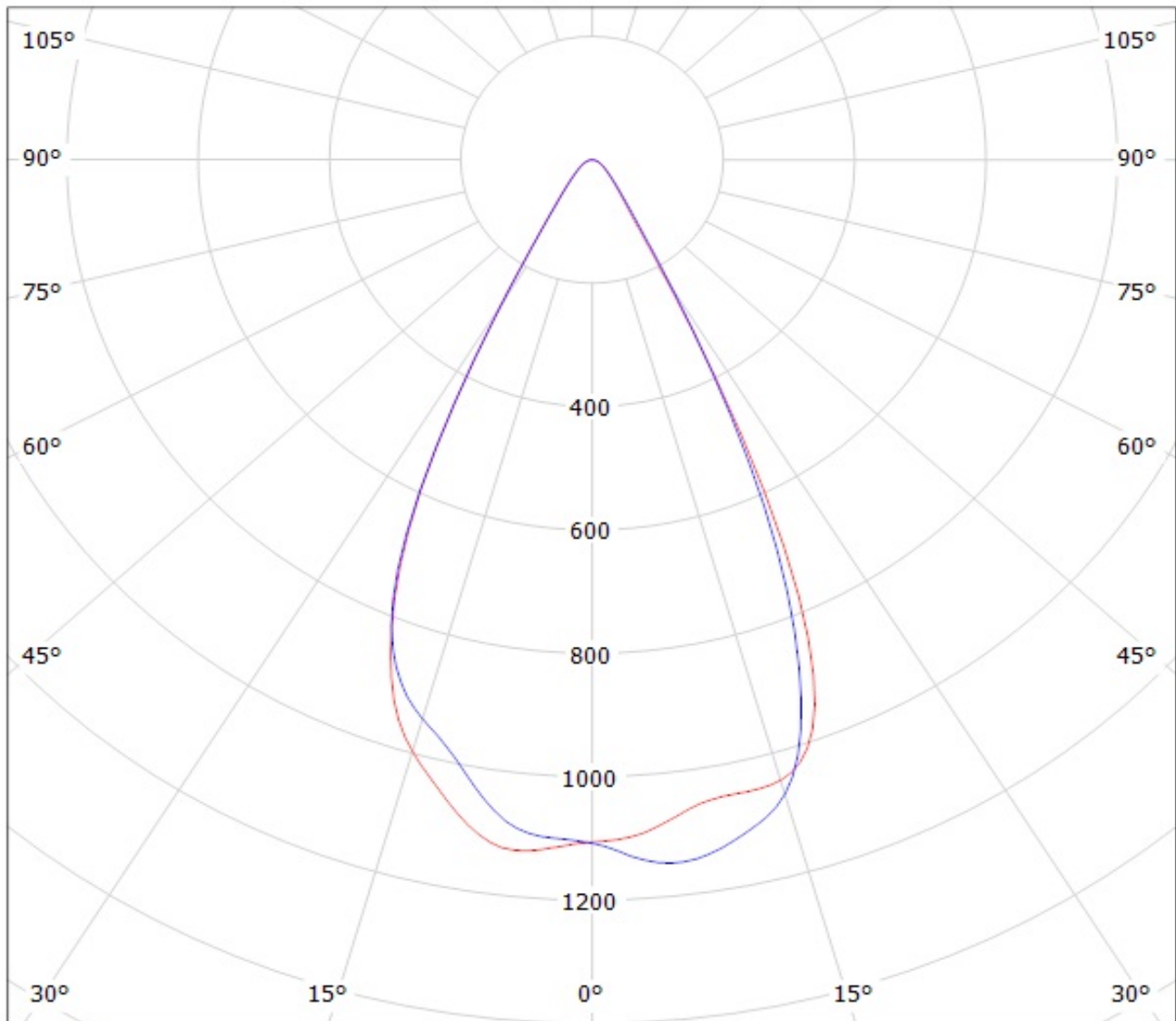


cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDIL OY CA12378-TINA2-W (SSL150) Efficiency=85%  
Lamps: 1 x Osram Oslon SSL150 (95lm@250mA)



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.**