

DETAILS

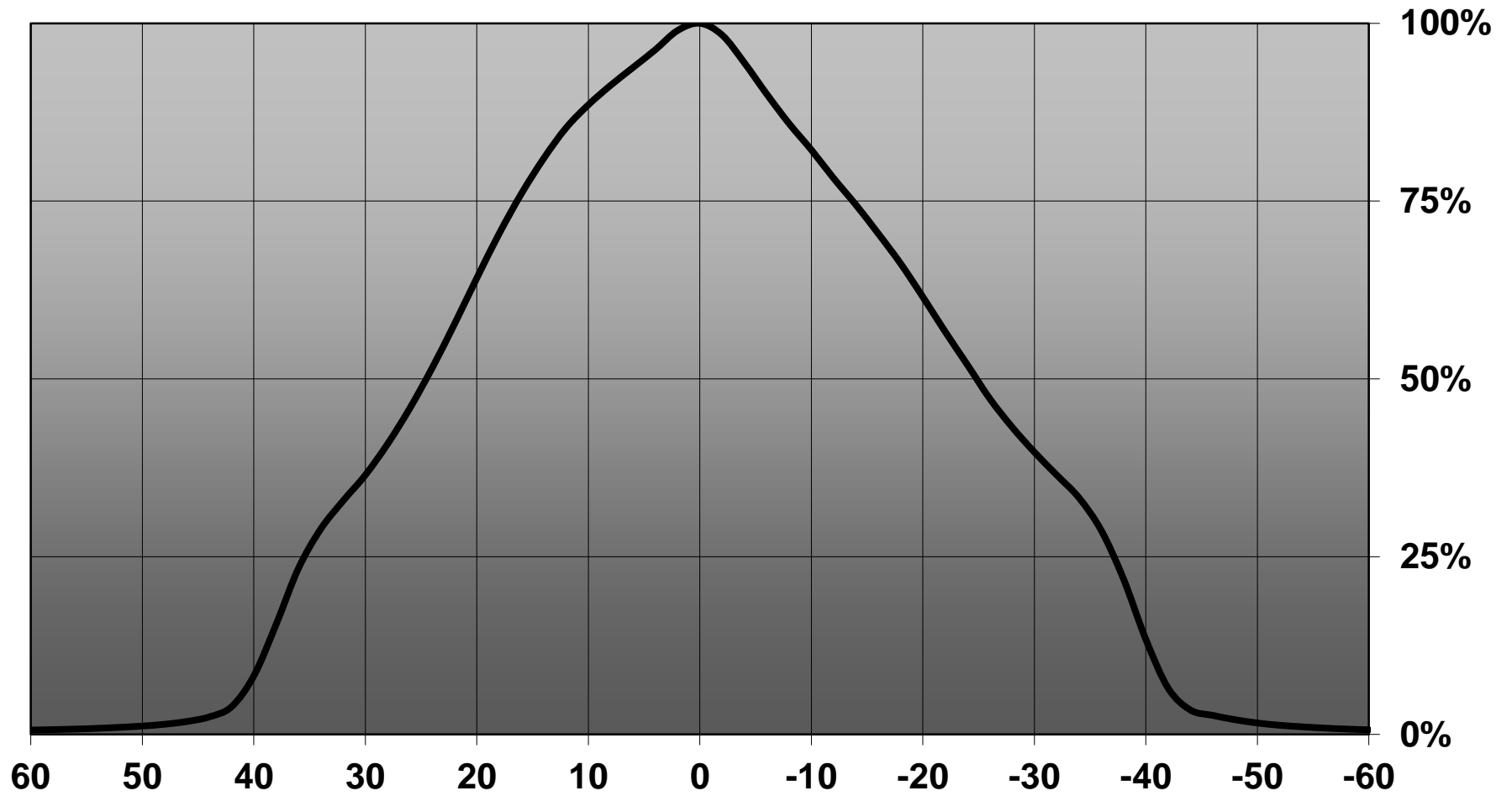
Product Number	CN13522_MIRELLA-50-W-PIN-CL
Family	Mirella
Type	RefPack
Color	metal
Diameter	49,9 mm
Height	23,9 mm
Style	round
Optic Material	PC
Holder Material	
Fastening	pin
Status	production ready
ROHS Compliant	Yes
Date Updated	23/04/2014



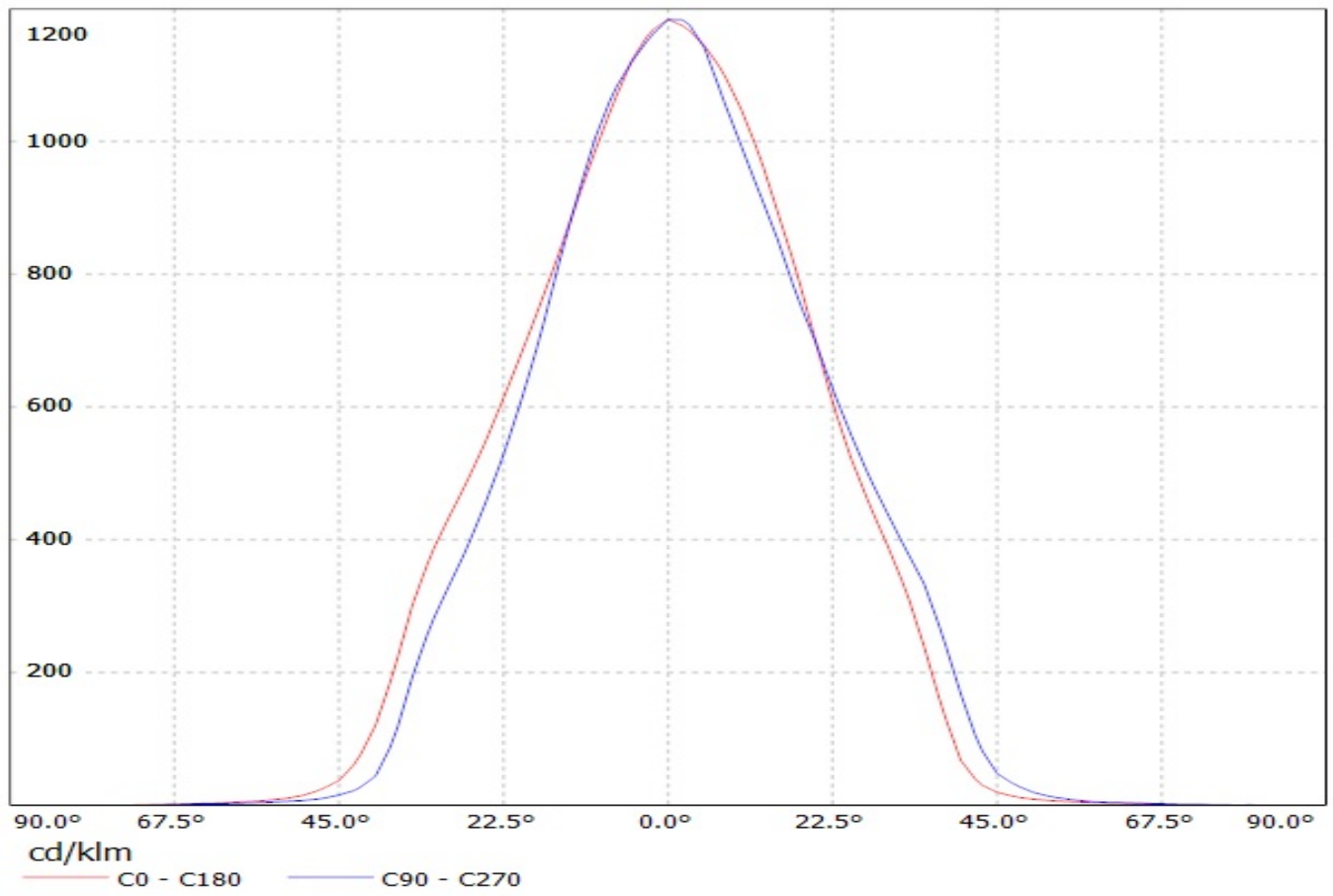
OPTICAL PROPERTIES

LED	Viewing	Light	Efficiency	cd/lm	Connector
	Angle	Beam			
SM4	44 deg	Wide	78 %	1.200	-
XP-G	41 deg	Wide	81 %	1.400	-
XT-E	41 deg	Wide	83 %	1.400	-
XM-L	45 deg	Wide	86 %	1.400	-
MHB-A	49 deg	Wide	82 %	1.240	-
XHP50	48 deg	Wide	83 %	1.100	-
LUXEON A	41 deg	Wide	84 %	1.400	-
LUXEON M/MX	47 deg	Wide	83 %	1.200	-
Oslon Square EC	41 deg	Wide	83 %	1.400	-
Duris S8	42 deg	Wide	84 %	1.400	-
Duris P10	sim: 46	Wide	sim: 87 %	sim: 1.190	-

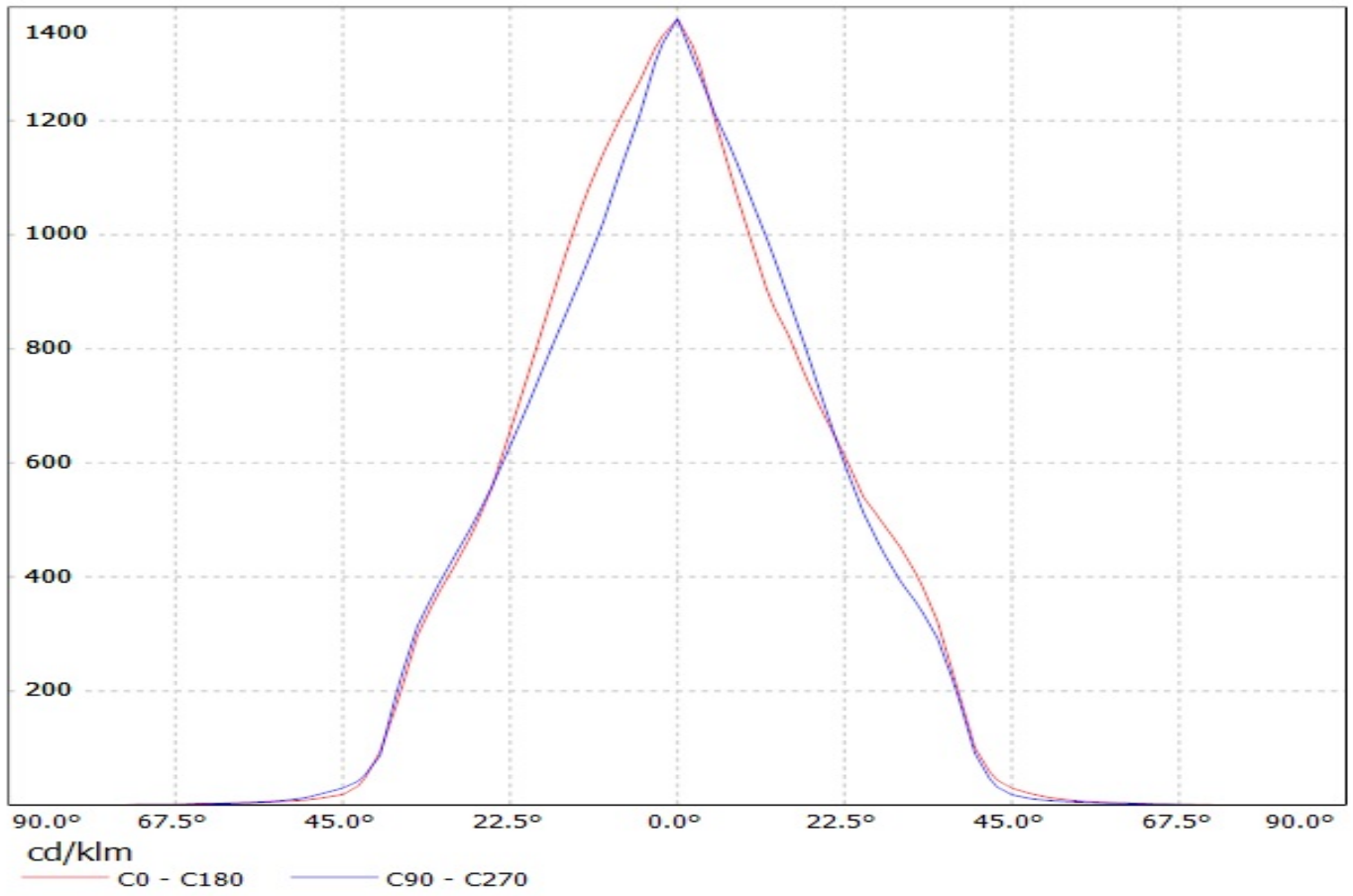
Relative intensity of CN13522_MIRELLA-50-W-PIN-CL_(MH-B)



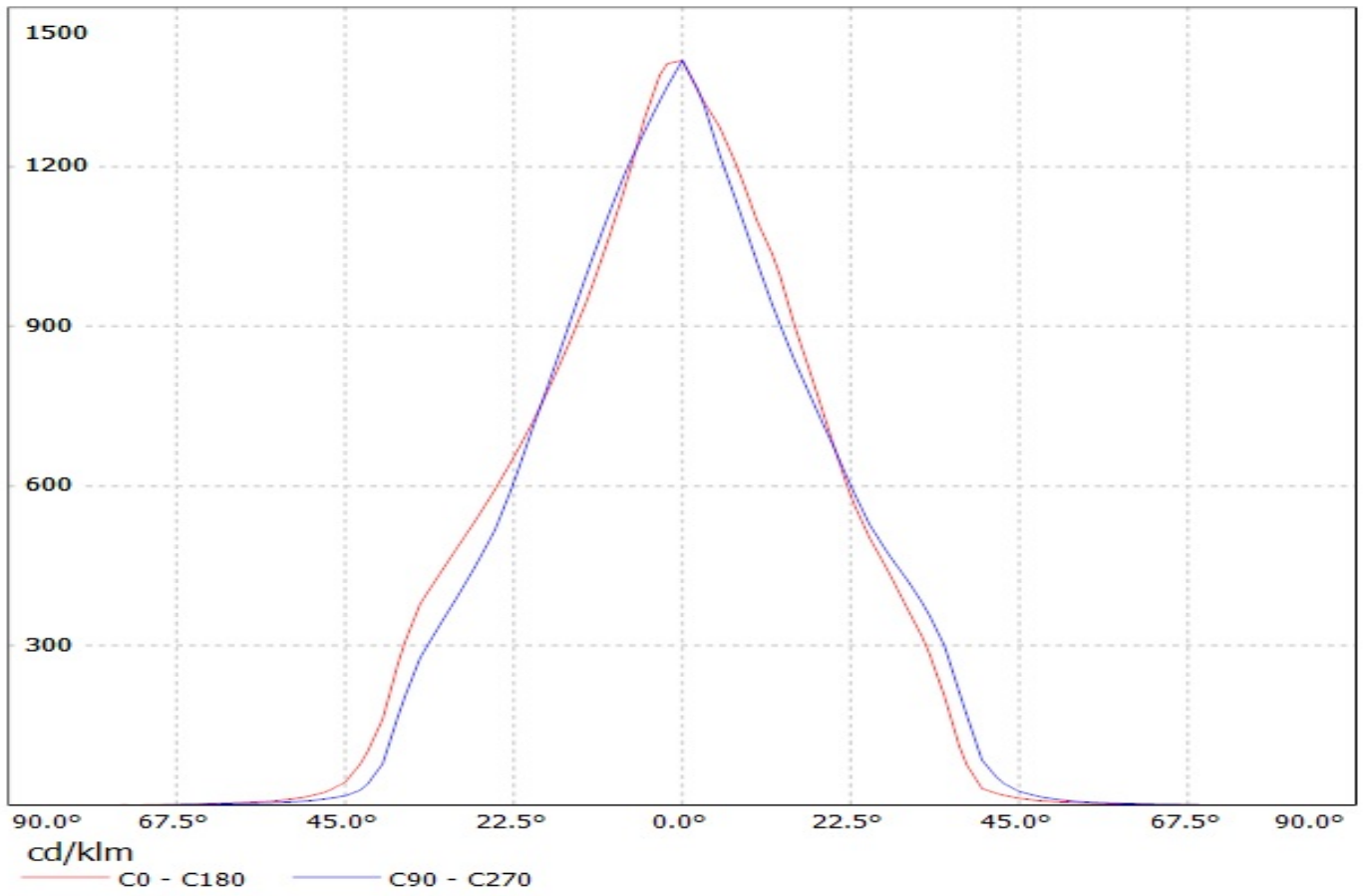
Luminaire: Ledil oy CN13522_MIRELLA-50-W-PIN-CL (Bridgelux SM4 256lm @ 250mA) Efficiency=78%
Lamps: 1 x Bridgelux SM4 256lm @ 250mA CCT=2965K P=3W I=250mA



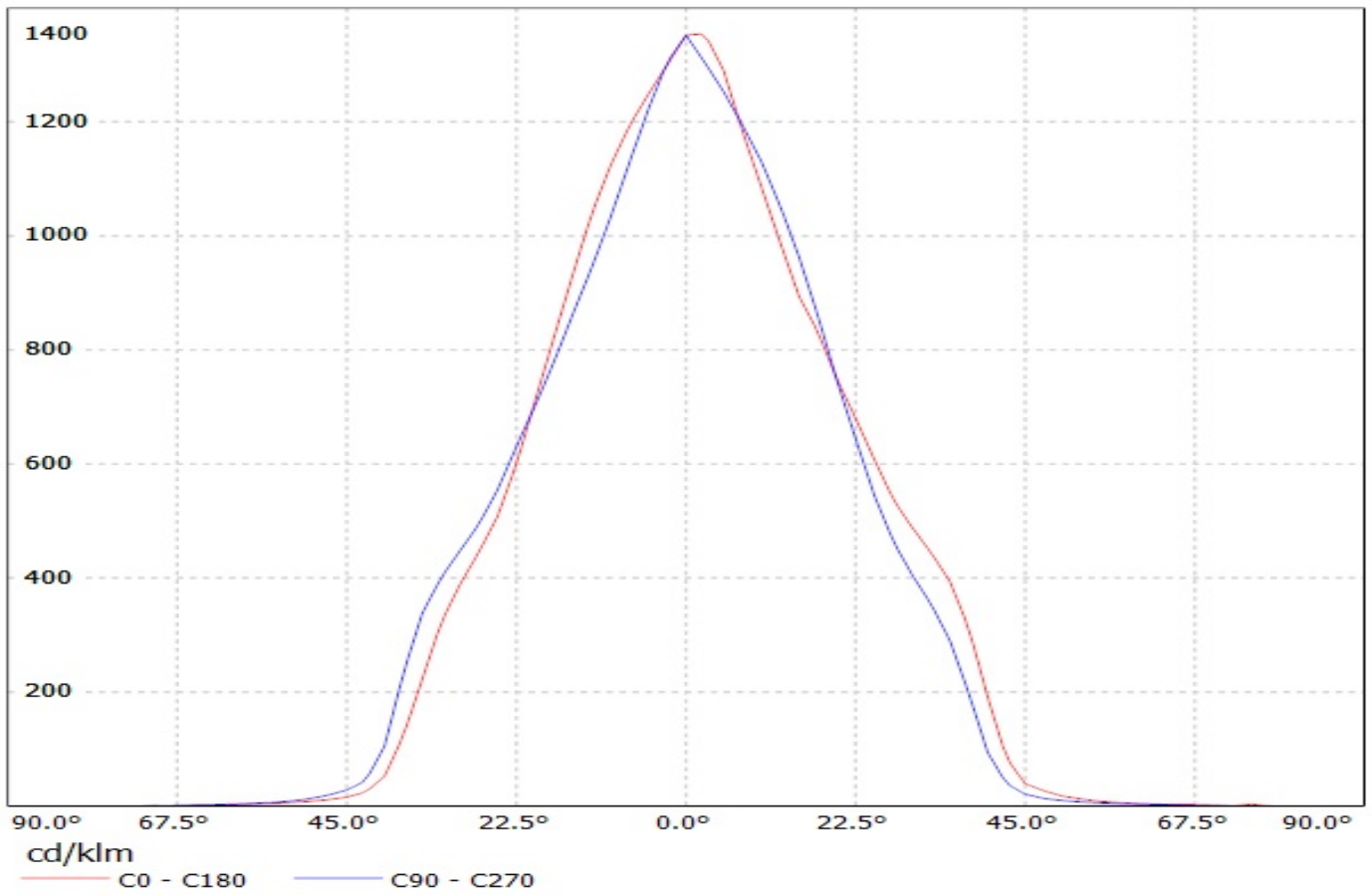
Luminaire: Ledil Oy CN13522_MIRELLA-50-W-PIN-CL (Cree XP-G 69lm @ 250mA) Efficiency=81%
Lamps: 1 x Cree XP-G 69lm @ 250mA CCT=4788K P=0,76W I=250mA



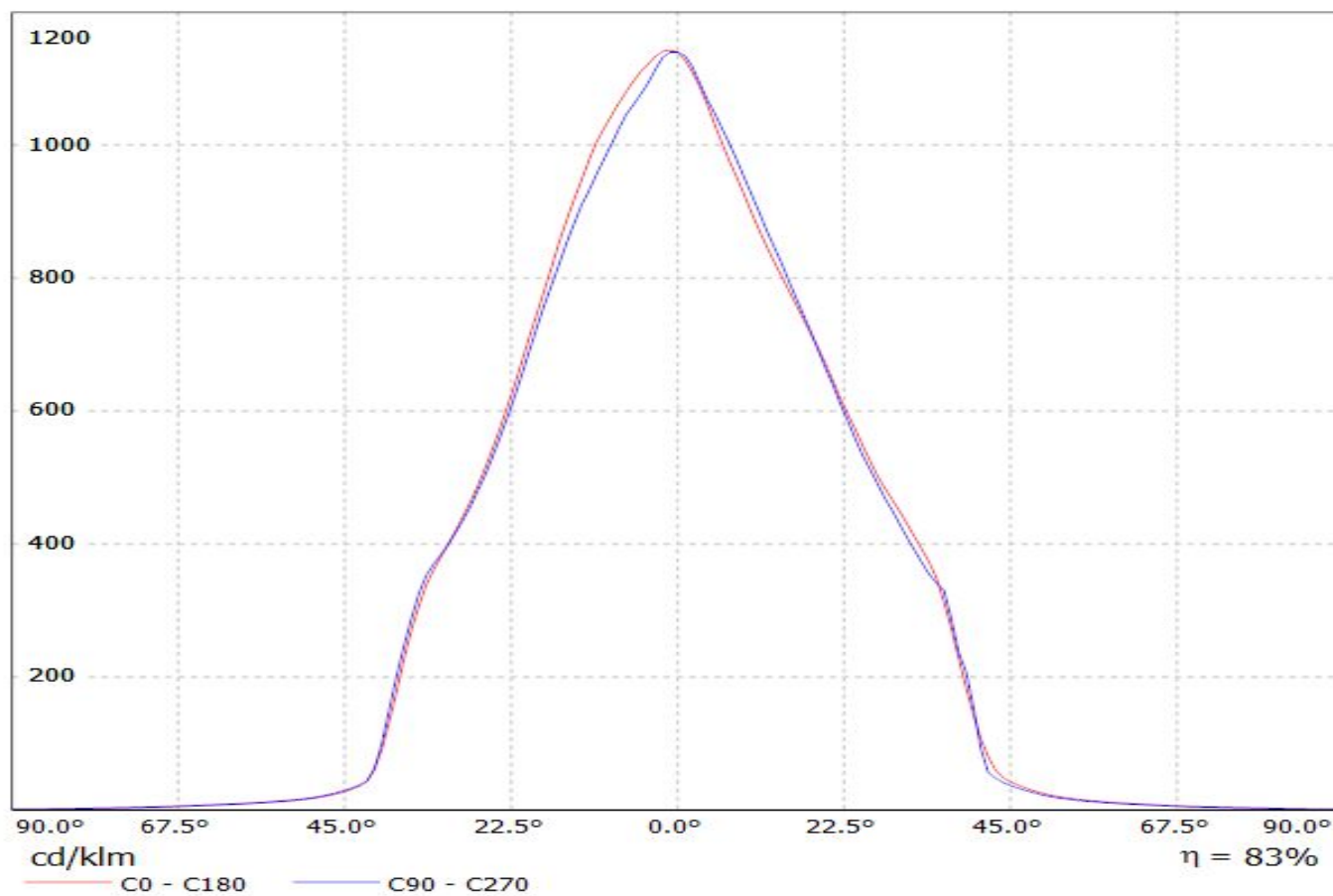
Luminaire: Ledil Oy CN13522_MIRELLA-50-W-PIN-CL (Cree XT-E 106lm @ 250mA) Efficiency=83%
Lamps: 1 x Cree XT-E 106lm @ 250mA CCT=4425K P=0,76W I=250mA



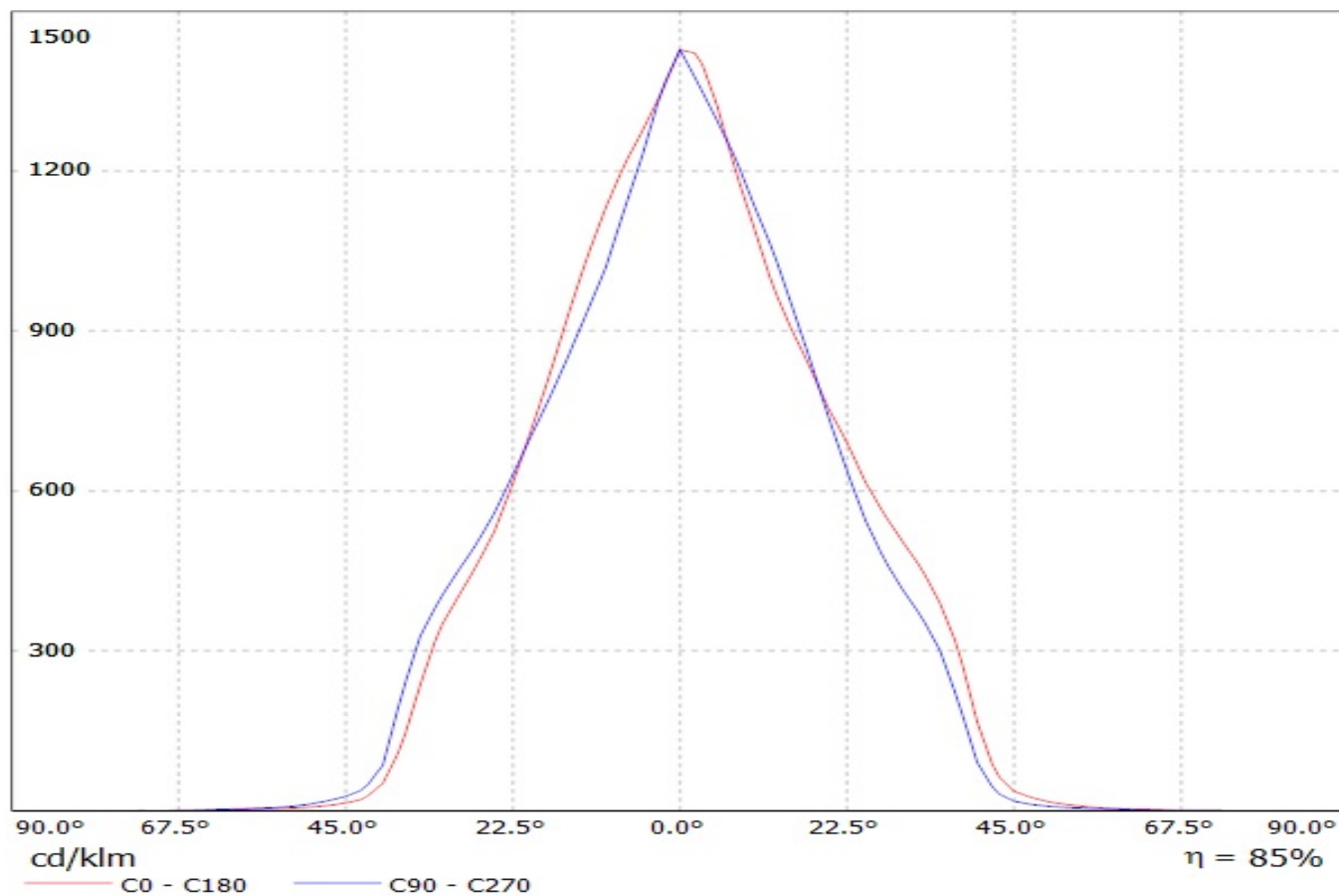
Luminaire: Ledil Oy CN13522_MIRELLA-50-W-PIN-CL (Cree XM-L 92lm @ 250mA) Efficiency=86%
Lamps: 1 x Cree XM-L 92lm @ 250mA CCT=3284K P=0,76W I=250mA



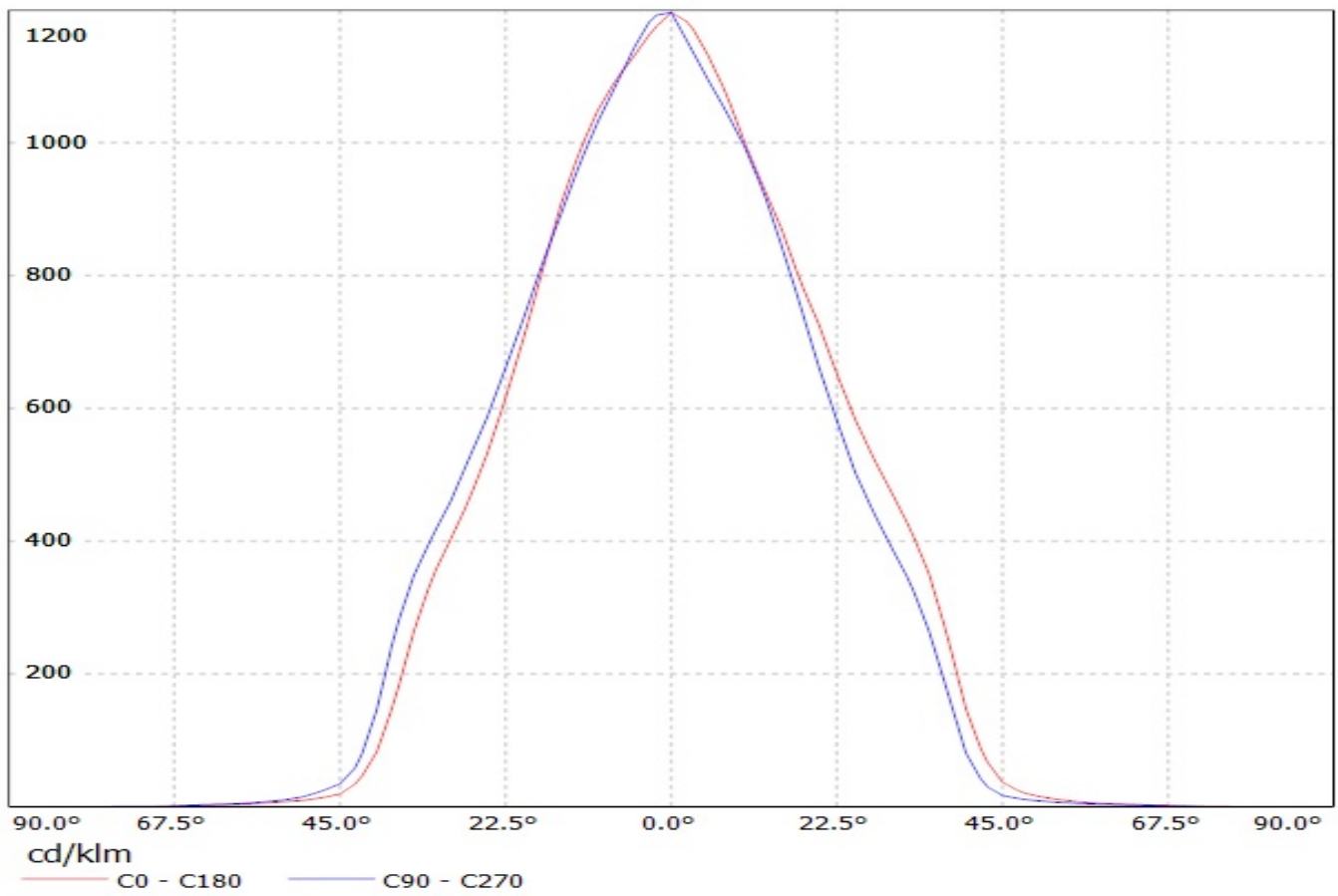
Luminaire: LEDiL Oy CN13522_MIRELLA-50-W-PIN-CL_(CREE_XHP50_WARM_WHITE)
Lamps: 1 x CREE_XHP50_WARM_WHITE_195.126lm@250mA_P=1.39922W_I=0.2499A



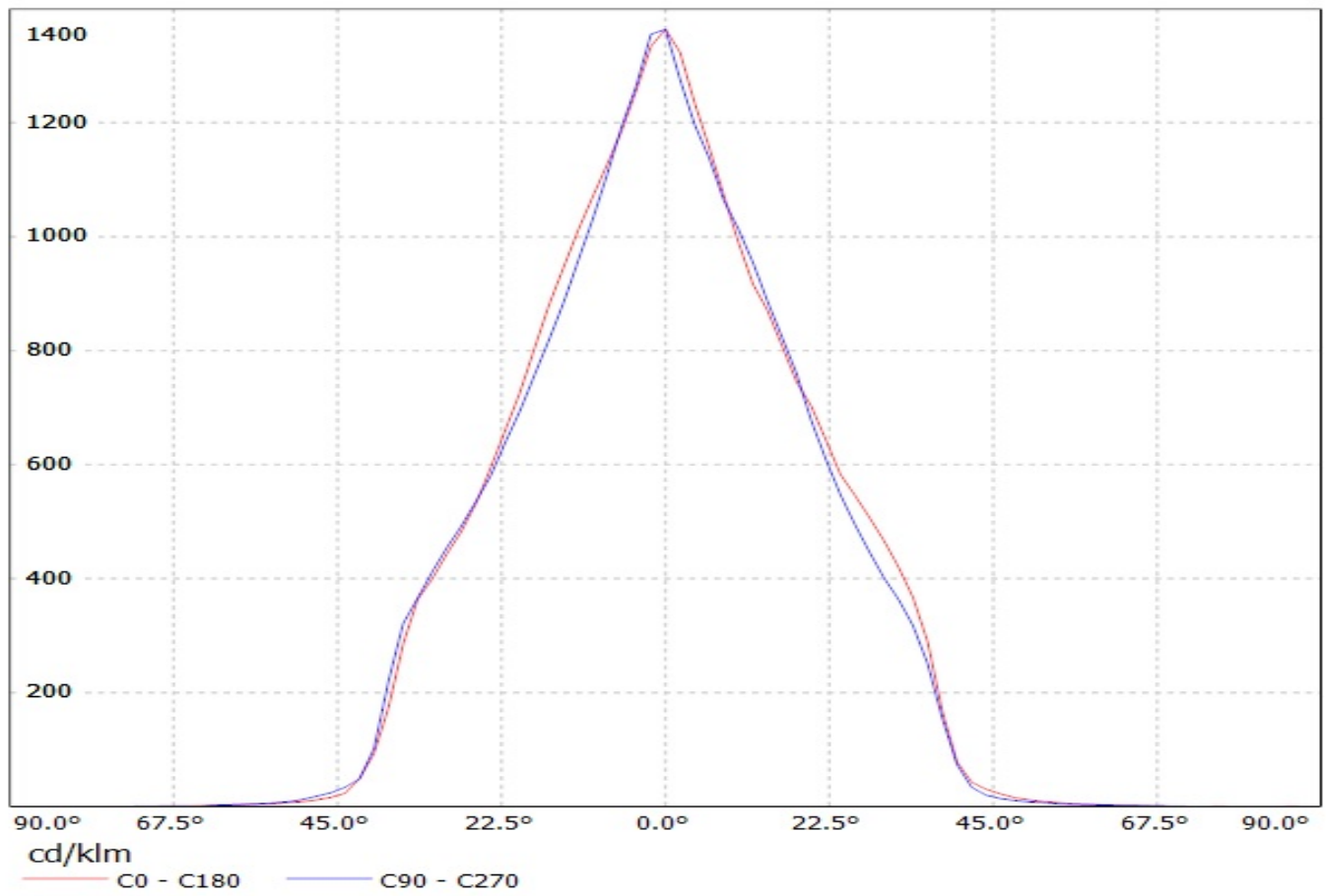
Luminaire: Ledil Oy CN13522_MIRELLA-50-W-PIN-CL (Luxeon A 64lm @ 250mA) Efficiency=84%
Lamps: 1 x Luxeon A 64lm @ 250mA CCT=2933K P=0,76W I=250mA



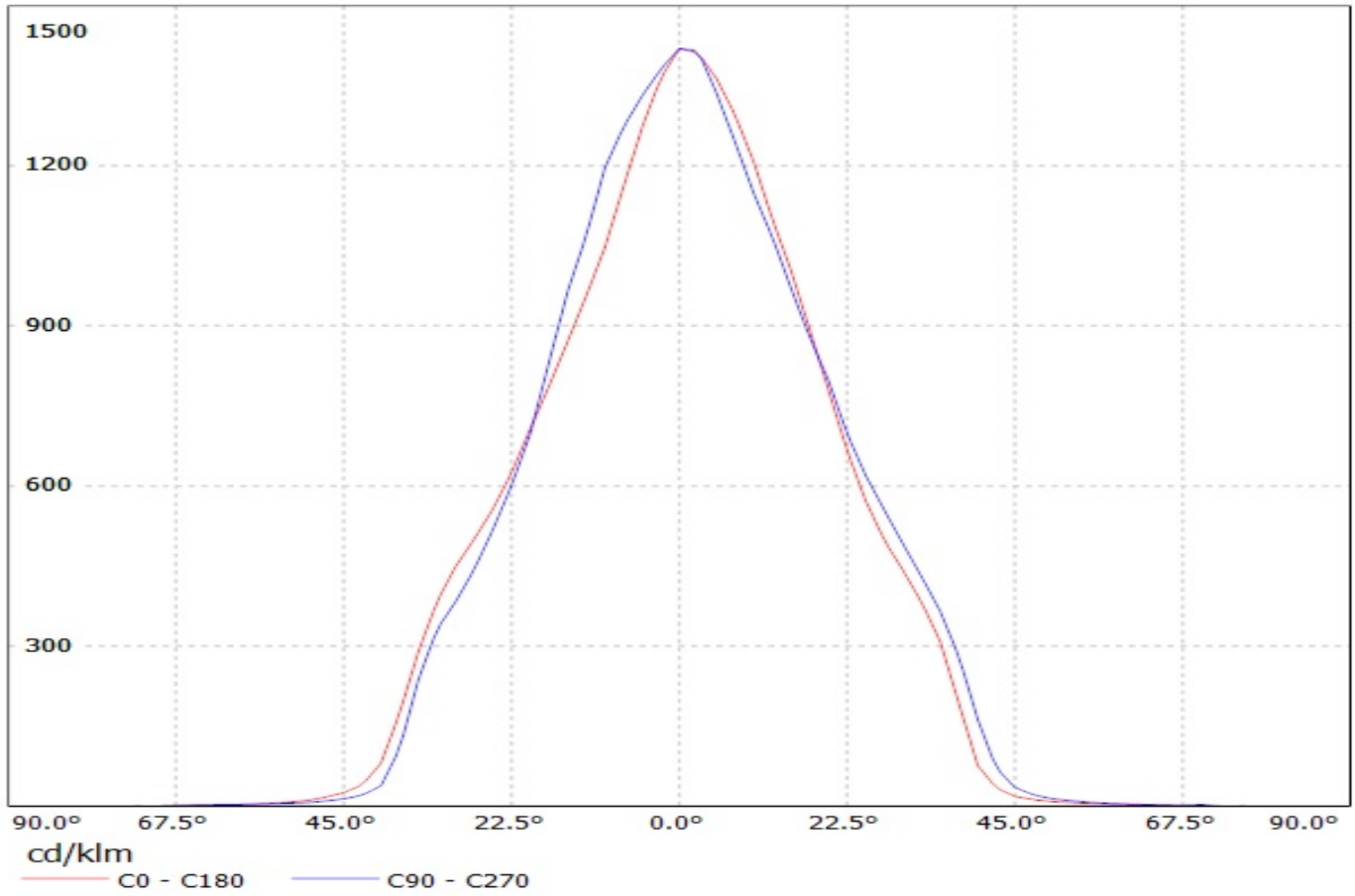
Luminaire: Ledil Oy CN13522_MIRELLA-50-W-PIN-CL (Luxeon M 348lm @ 250mA) Efficiency=83%
Lamps: 1 x Luxeon M 348lm @ 250mA CCT=4092K P=3W I=250mA



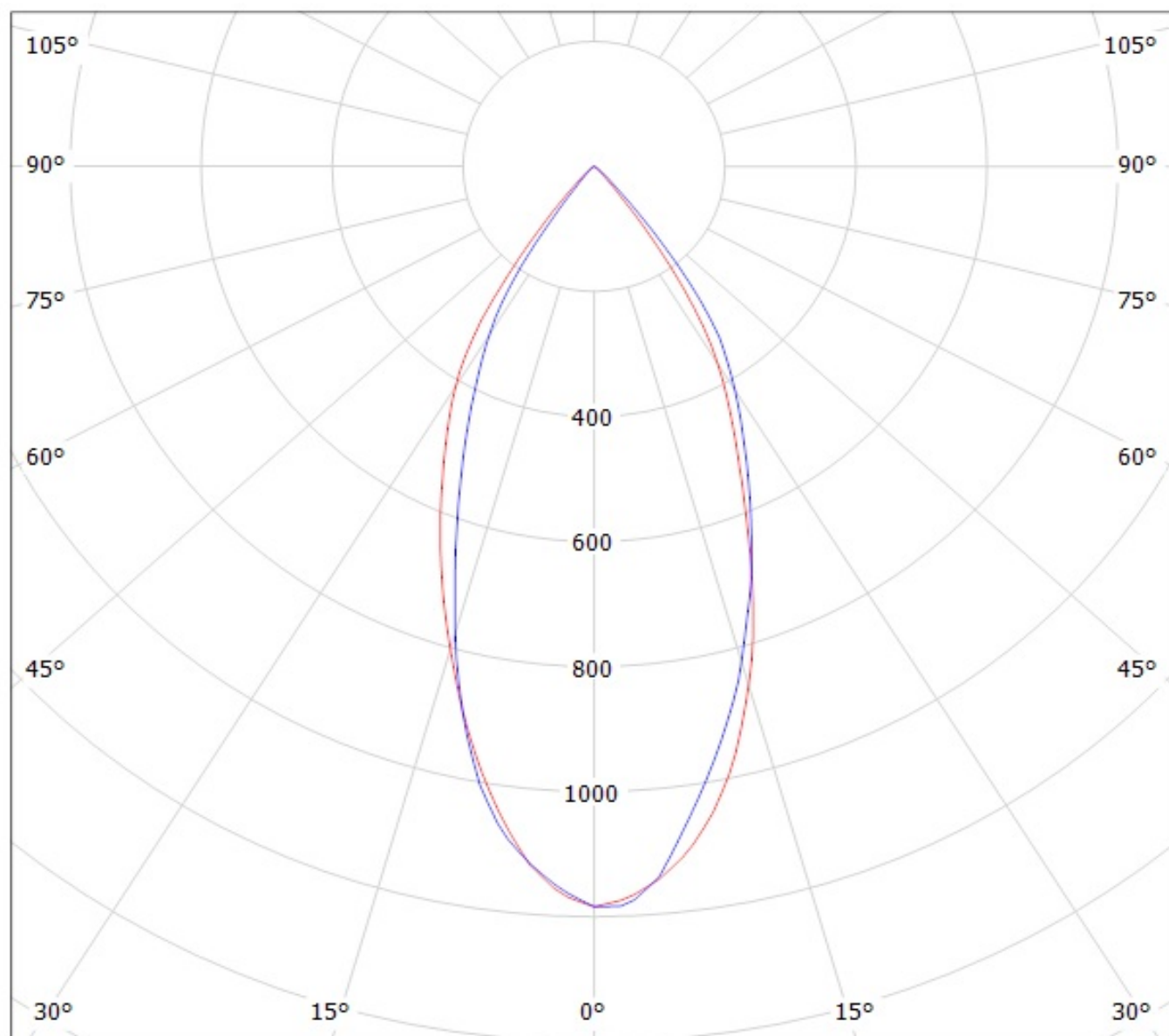
Luminaire: Ledil Oy CN13522_MIRELLA-50-W-PIN-CL (Osram Square EC 63lm @ 250mA) Efficiency=83%
Lamps: 1 x Osram Square EC 63lm @ 250mA CCT=2717K P=0,76W I=250mA



Luminaire: Ledil Oy CN13522_MIRELLA-50-W-PIN-CL (Osram Duris S8 190lm @ 100mA) Efficiency=84%
Lamps: 1 x Osram Duris S8 190lm @ 100mA (GWP9LMS1.EC) CCT=2857K P=1,8W I=100mA



Luminaire: Ledil oy CN13522_MIRELLA-50-W-PIN-CL (Bridgelux SM4 256lm @ 250mA) Efficiency=78%
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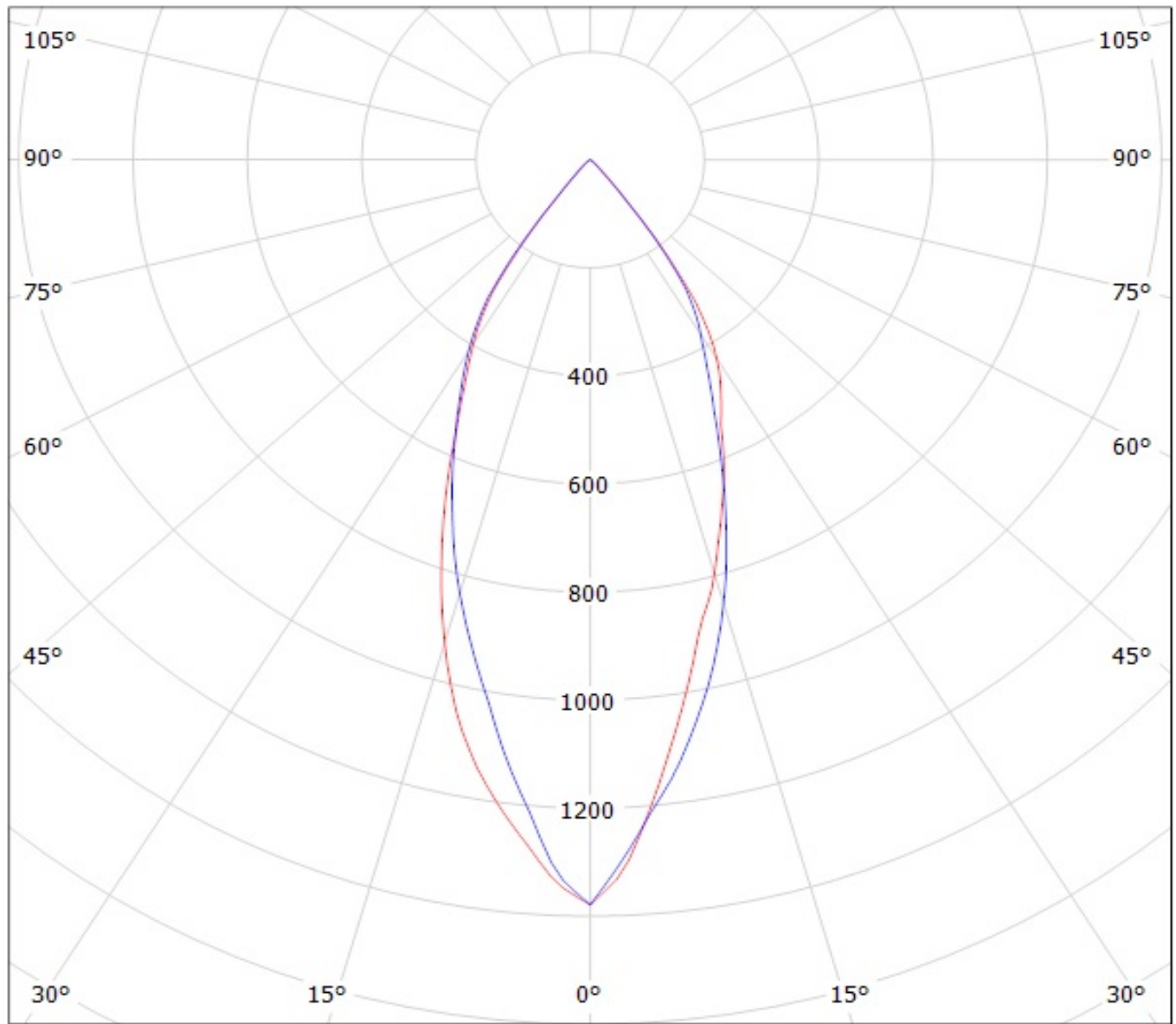


cd/klm

— C0 - C180

— C90 - C270

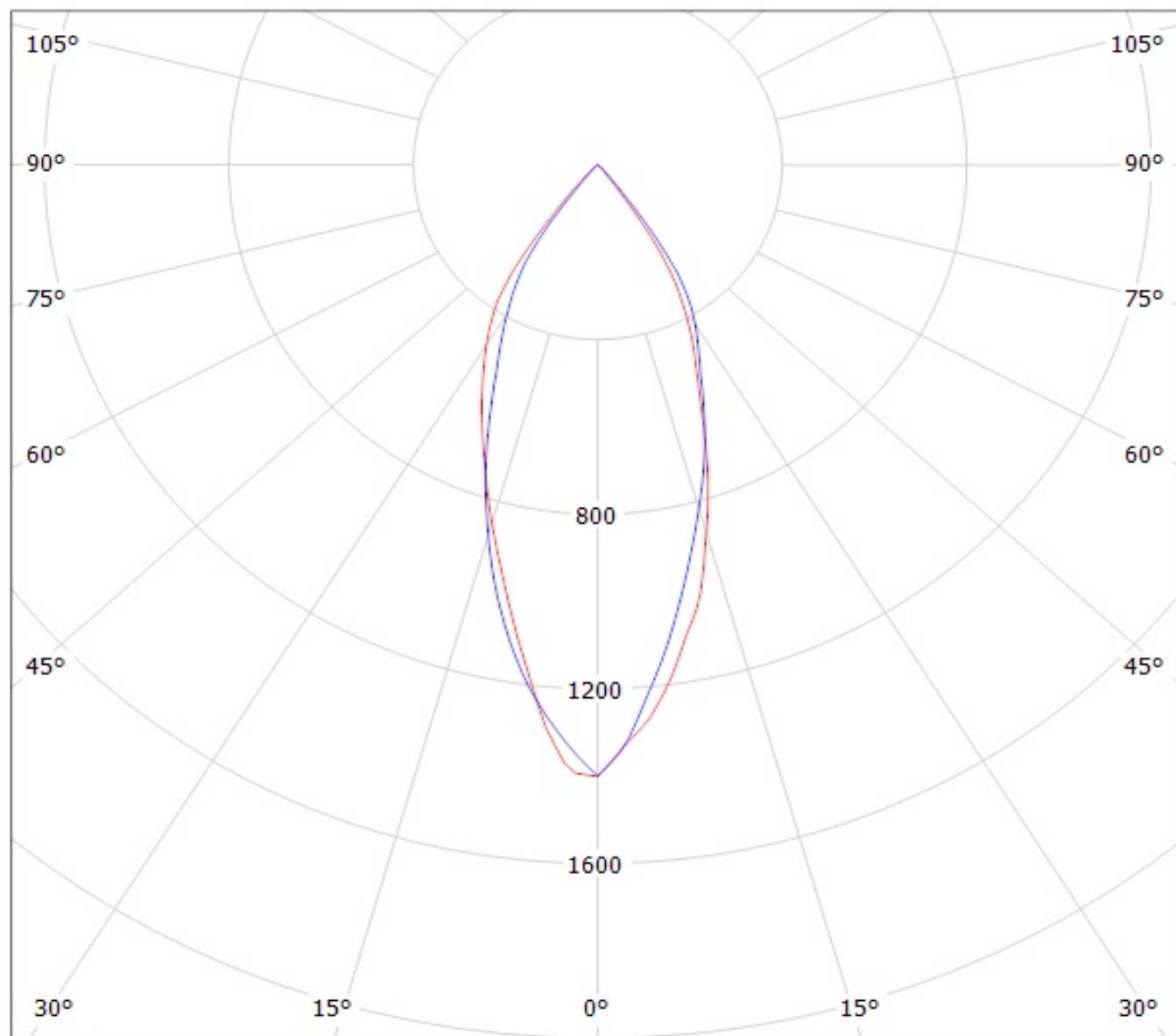
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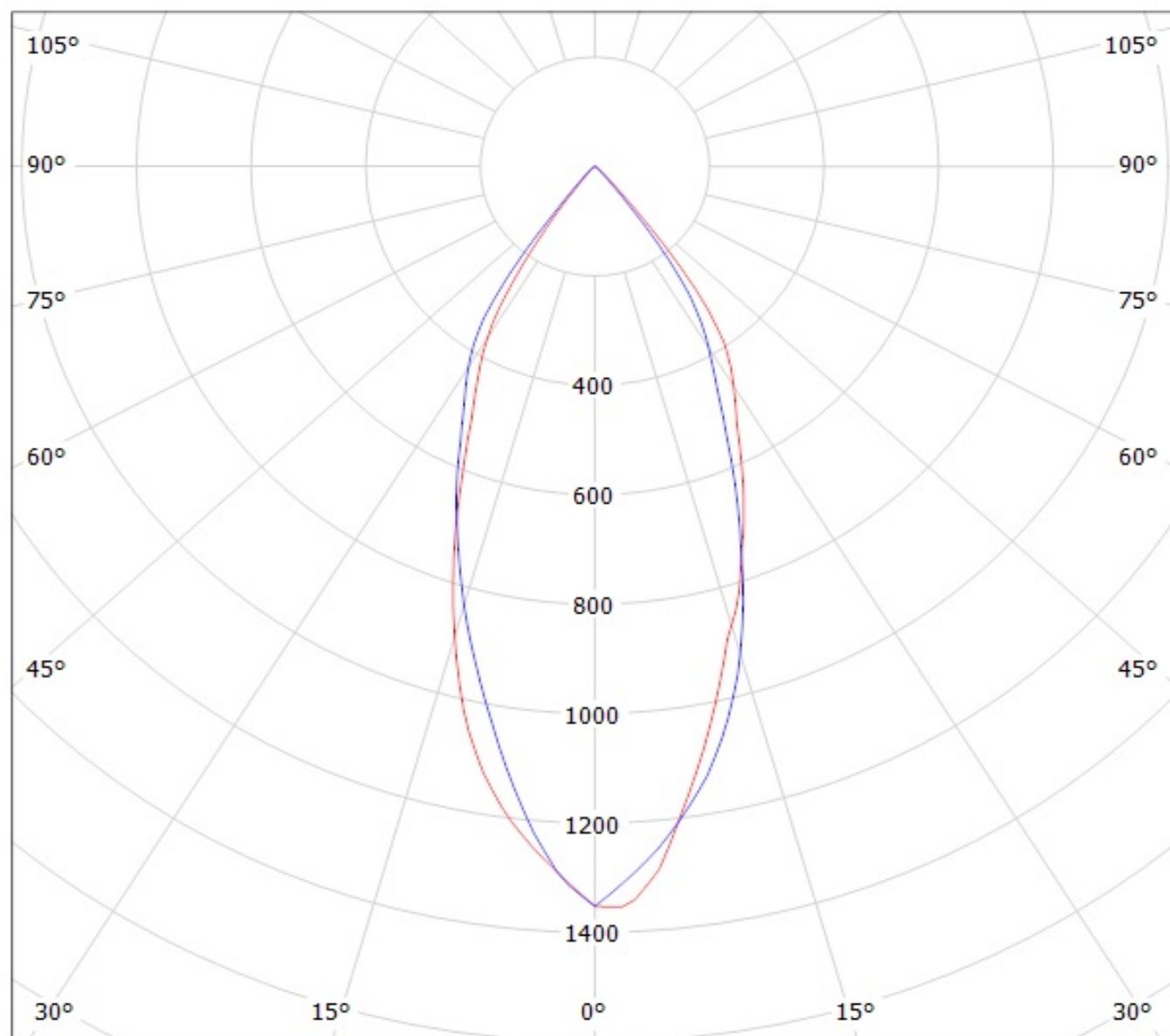


cd/klm

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— C90 - C270

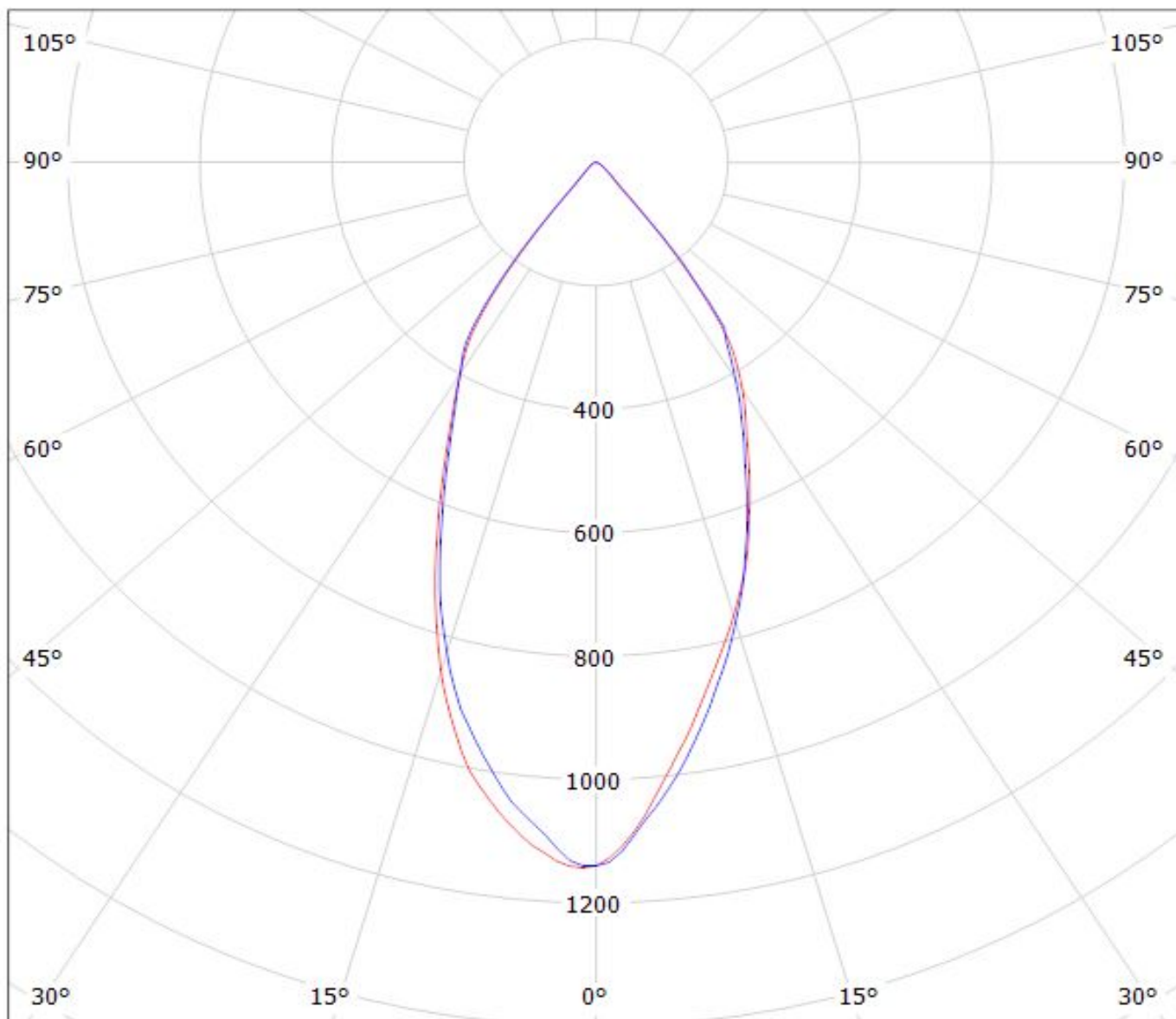
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Lamps: 1 x CREE_XHP50_WARM_WHITE_195.126lm@250mA_P=1.39922W_η=0.2499A

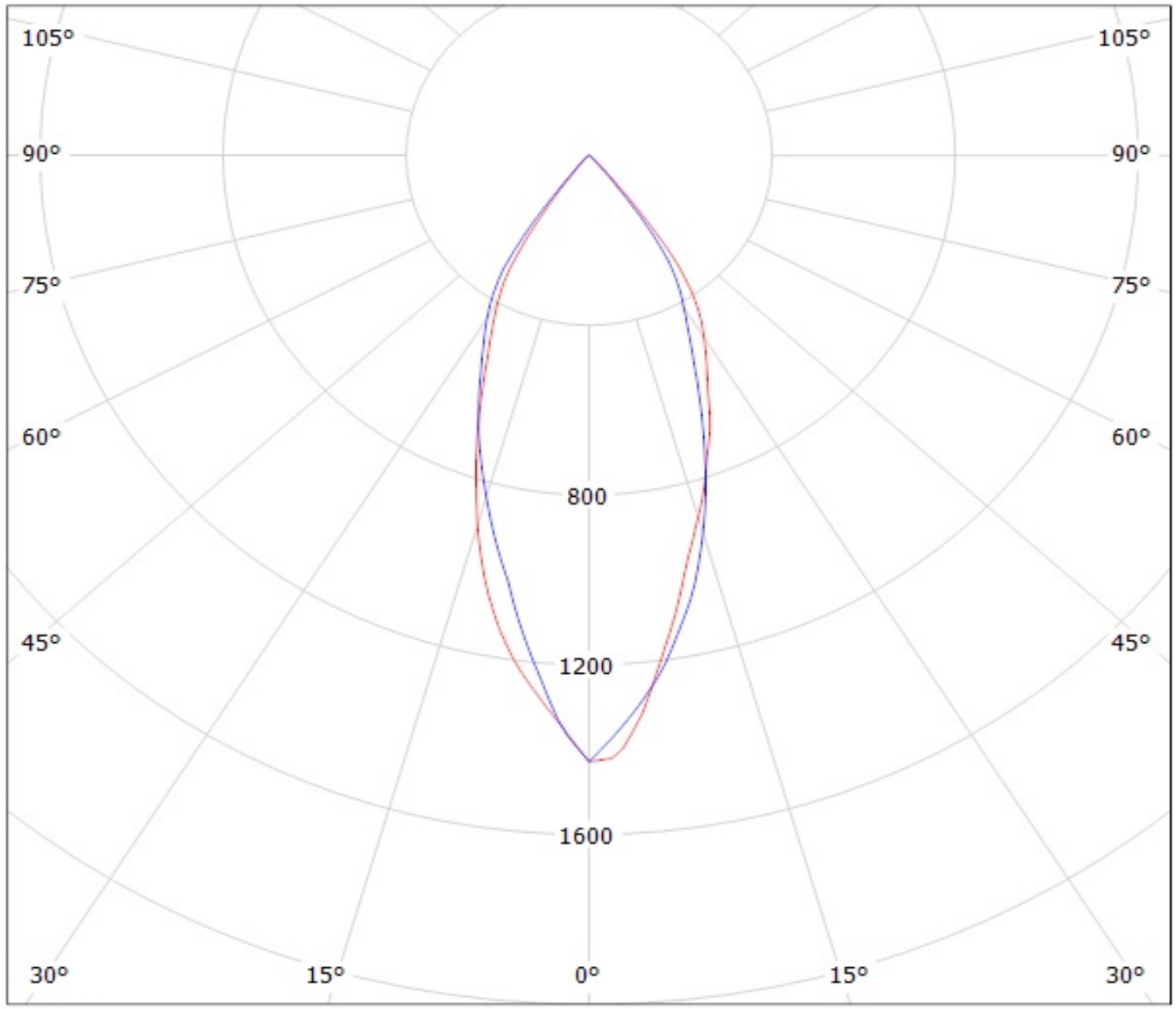


cd/klm

— C0 - C180 — C90 - C270

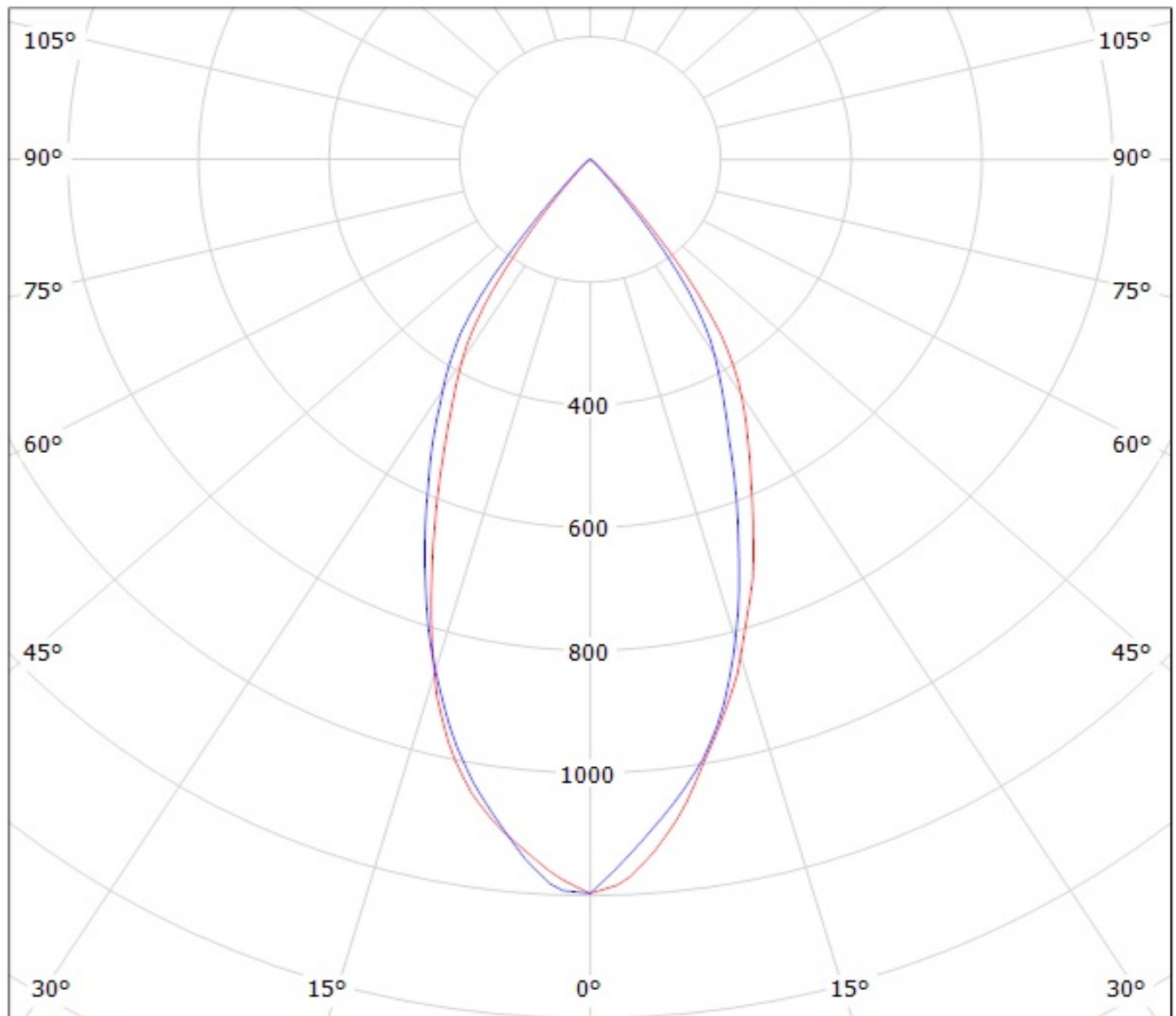
$\eta = 83\%$

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cd/klm
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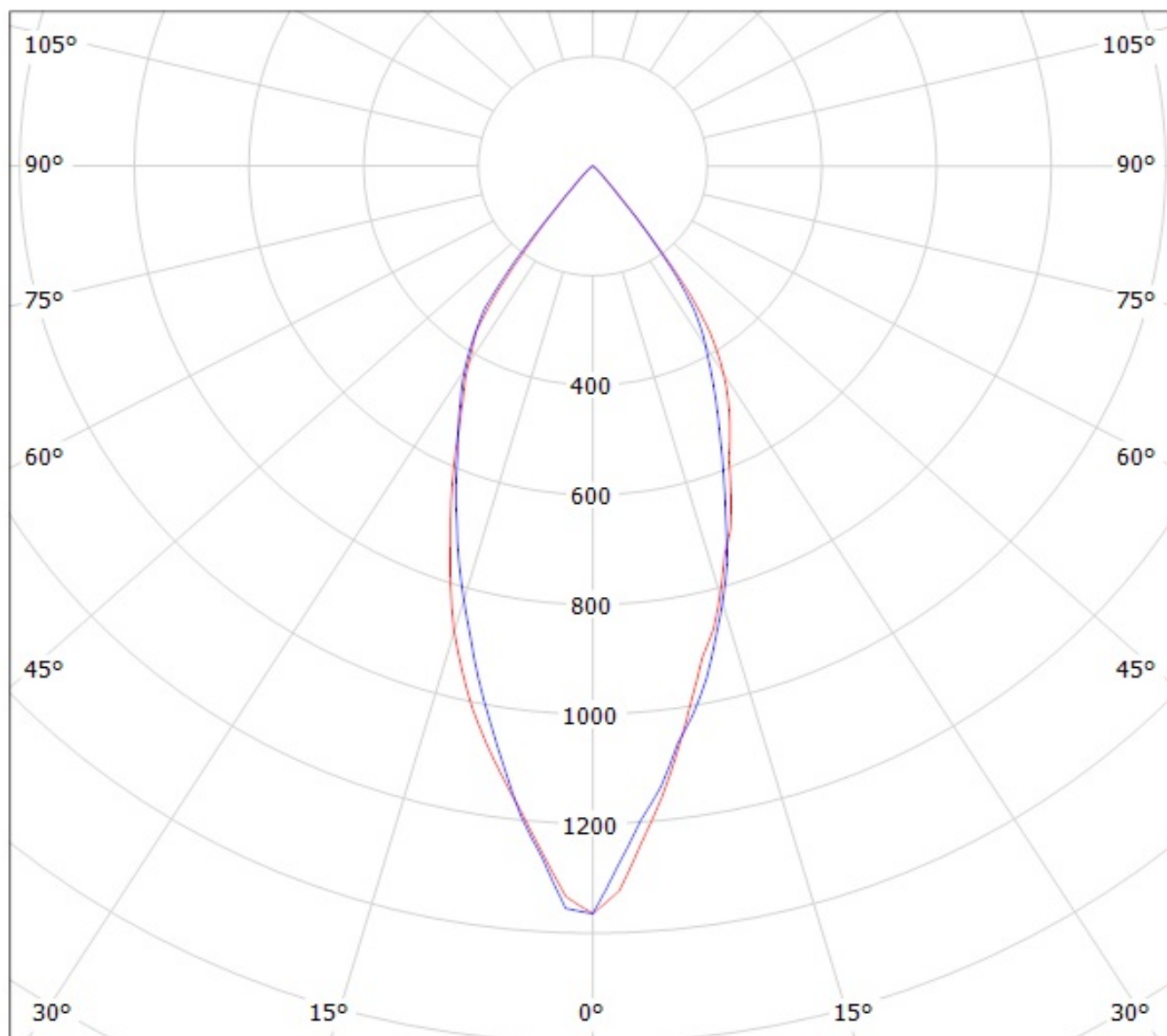


cd/klm

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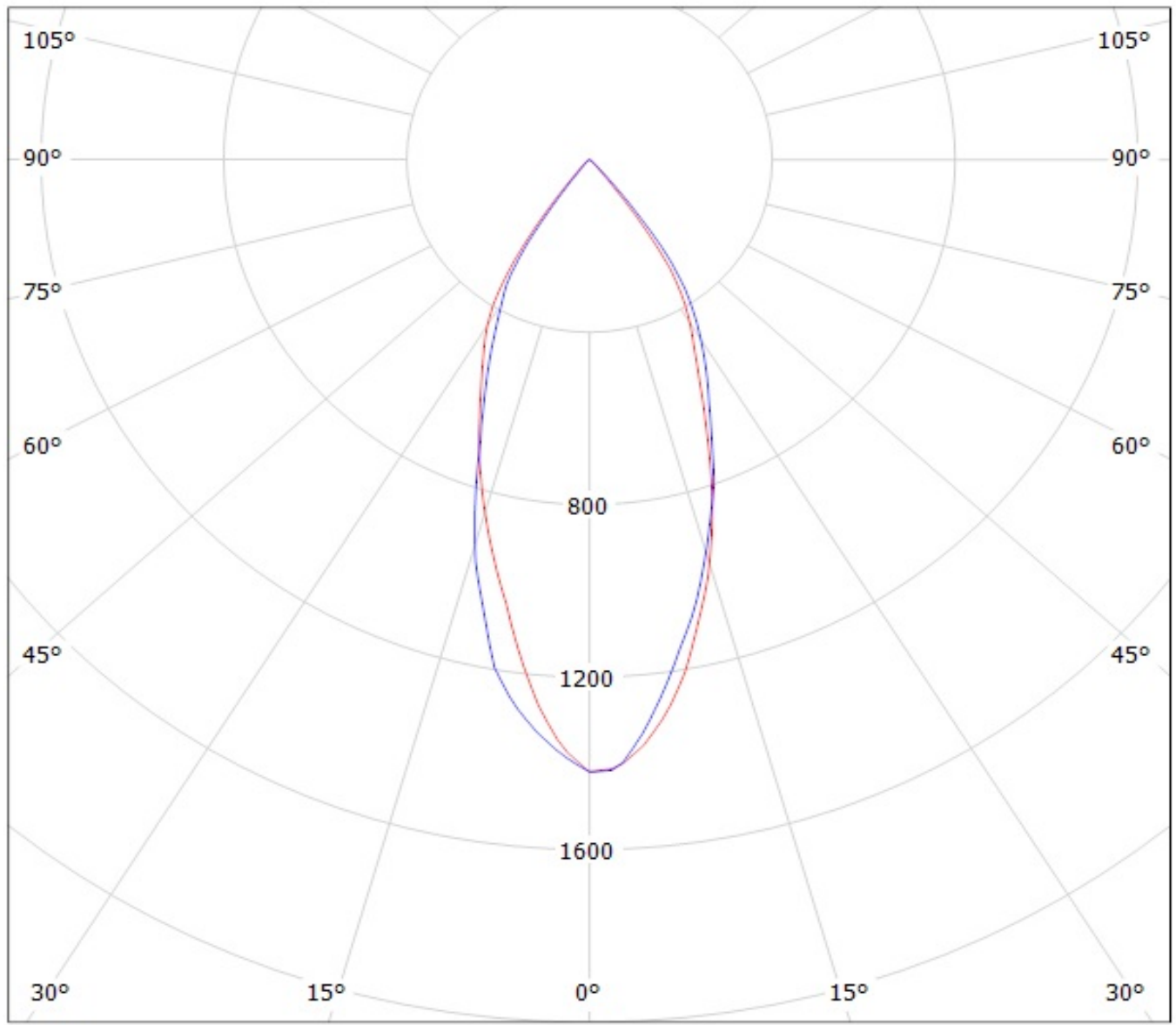


cd/klm

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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.