

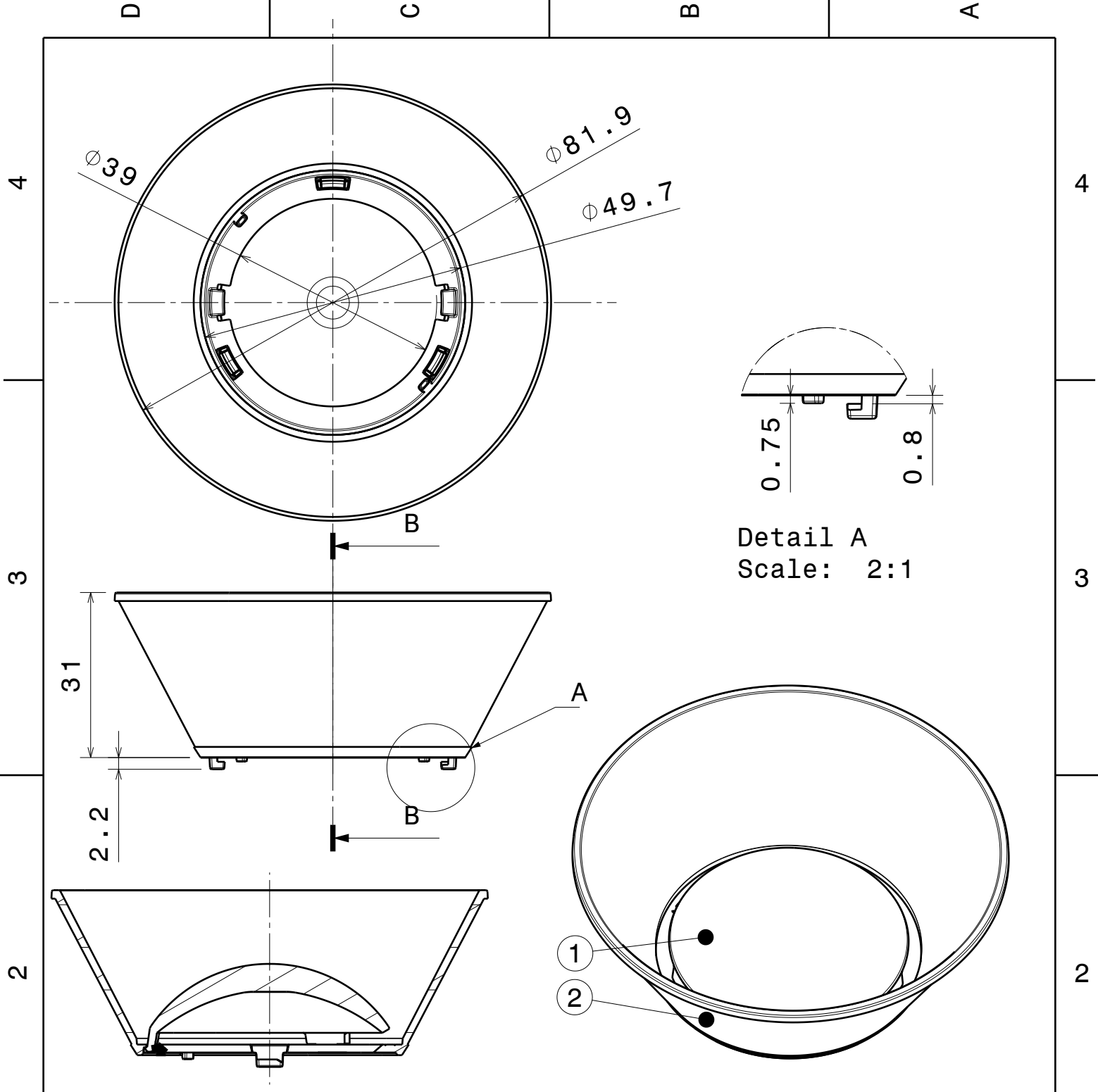
DETAILS

Product Number	FC13979_ANGELINA-RZ-W-B
Family	ANGELINA
Type	RefPack
Color	metal
Diameter	82 mm
Height	31 mm
Style	round
Optic Material	PC
Holder Material	
Fastening	socket, screw
Status	production ready
ROHS Compliant	Yes
Date Updated	23/02/2014



OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
CLL03x/CLU03x	60 deg	Wide	89 %	0.800	A.A.G. STUCCHI: 8101/G2
CLL04x/CLU04x	66 deg	Wide	87 %	0.730	A.A.G. STUCCHI: 8102/G2
CXA/B 25xx	64 deg	Wide	88 %	0.760	BJB: 47.319.2141
LUXEON K12	64 deg	Wide	89 %	0.800	BJB: 47.319.2070
LUXEON K16	65 deg	Wide	89 %	0.800	BJB: 47.319.2070
LUXEON CoB 1216	67 deg	Wide	87 %	0.730	BJB: 47.319.2030
COB D Series LES 14.5 mm	62 deg	Wide	89 %	0.780	A.A.G. STUCCHI: 8101/G2
COB D Series LES 14.5 mm	62 deg	Wide	89 %	0.780	BJB: 47.319.2021
Tiger Zenigata (GWTGCBG4FD)	54 deg	Wide	90 %	0.870	BJB: 47.319.2051



Section view B-B
Scale: 1:1

Detail A
Scale: 2:1

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1		ANGE-RZ-lens	PC	
2		ANGELINA-B reflector	PC	metal

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

LEDiL Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

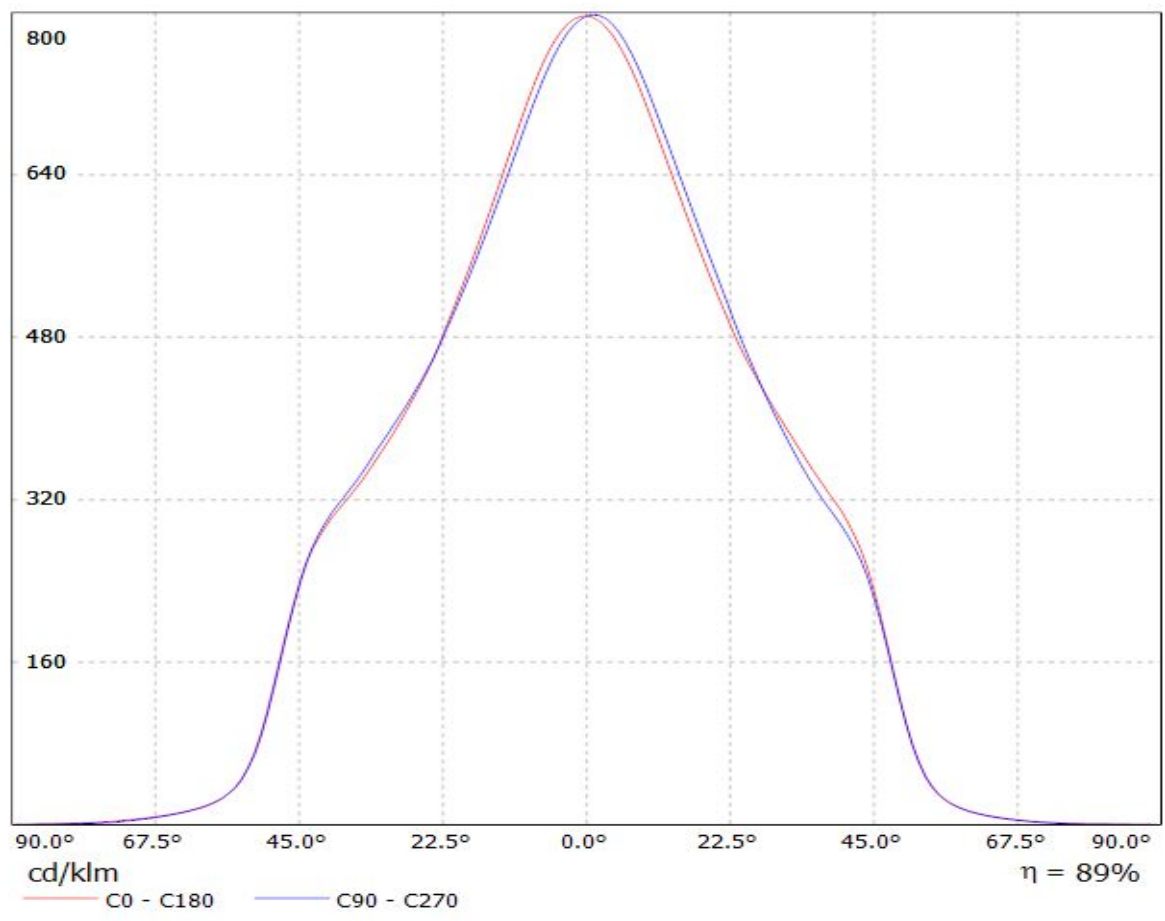
DRAWING TITLE
Angelina-B-RZ Assy

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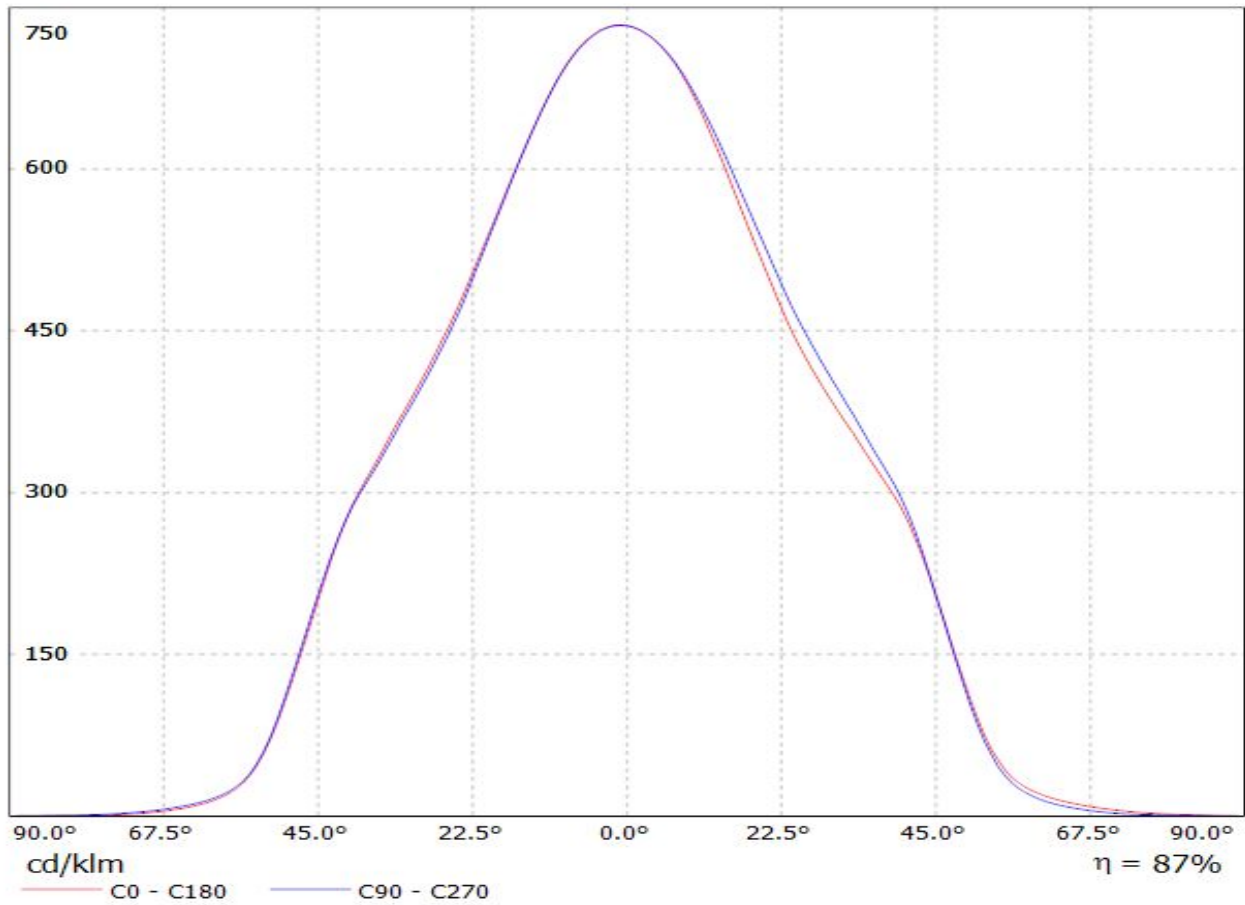
SIZE PART NUMBER
A4

SCALE 1:1 WEIGHT 16,43 g SHEET 1/1

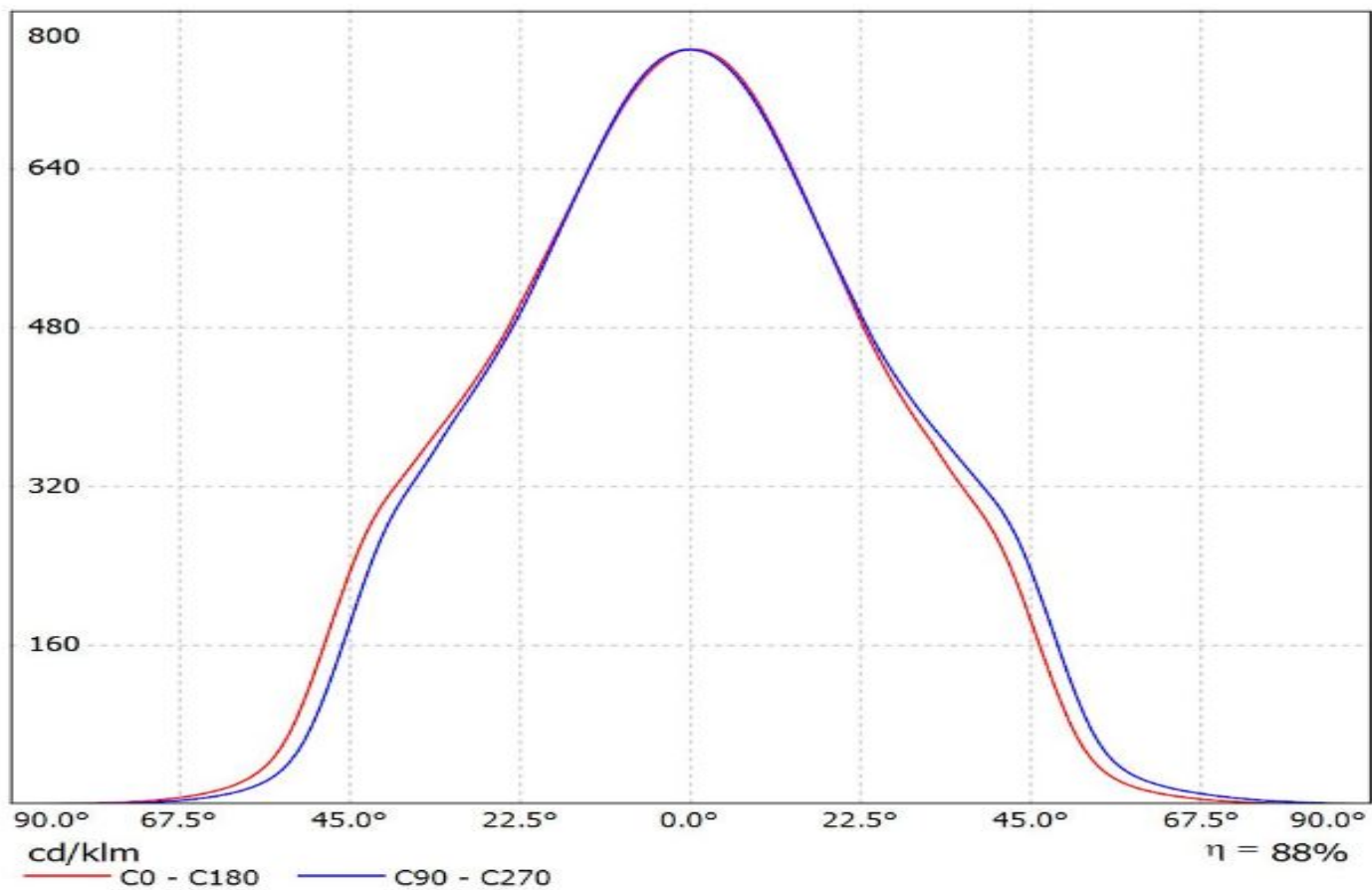
Luminaire: LEDiL Oy FC13979_ANGELINA-RZ-W-B_(CLU034)_(Stucchi_8101/G2)
Lamps: 1 x Citizen_CLU034_(CLU034-1205B8-303M1A2)_+(Stucchi_8101/G2)_1150.05lm@250mA_P=8.45123W_I=0.250A



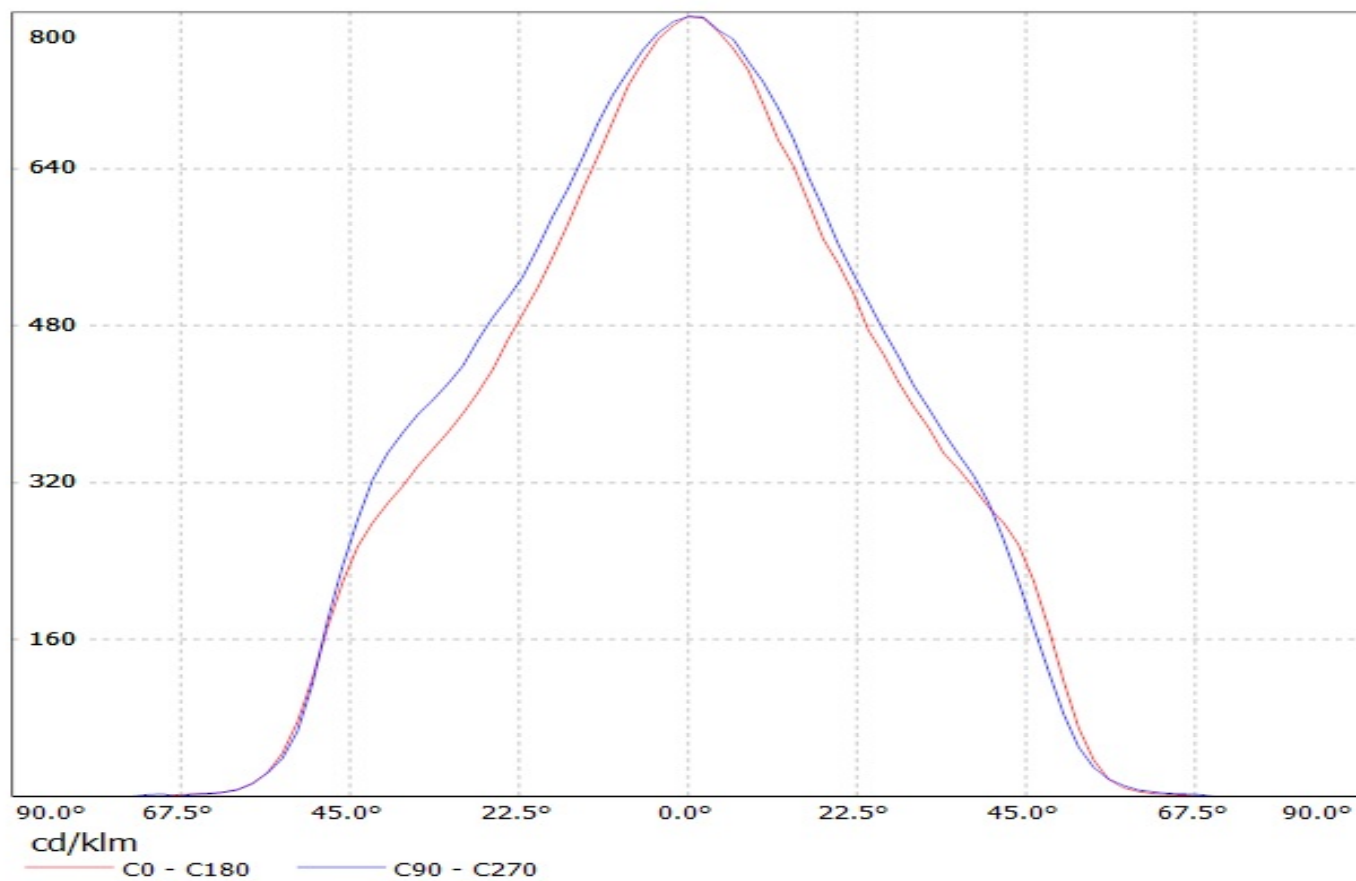
Luminaire: LEDiL Oy FC13979_ANGELINA-RZ-W-B_(CLU044)_+_ (Stucchi_8102-G2)
Lamps: 1 x Citizen_CLU044_(1212B8-303M1A2)_+_ (Stucchi_8102/G2)_1291.68lm@250mA_P=8.13748W_I=0.250A



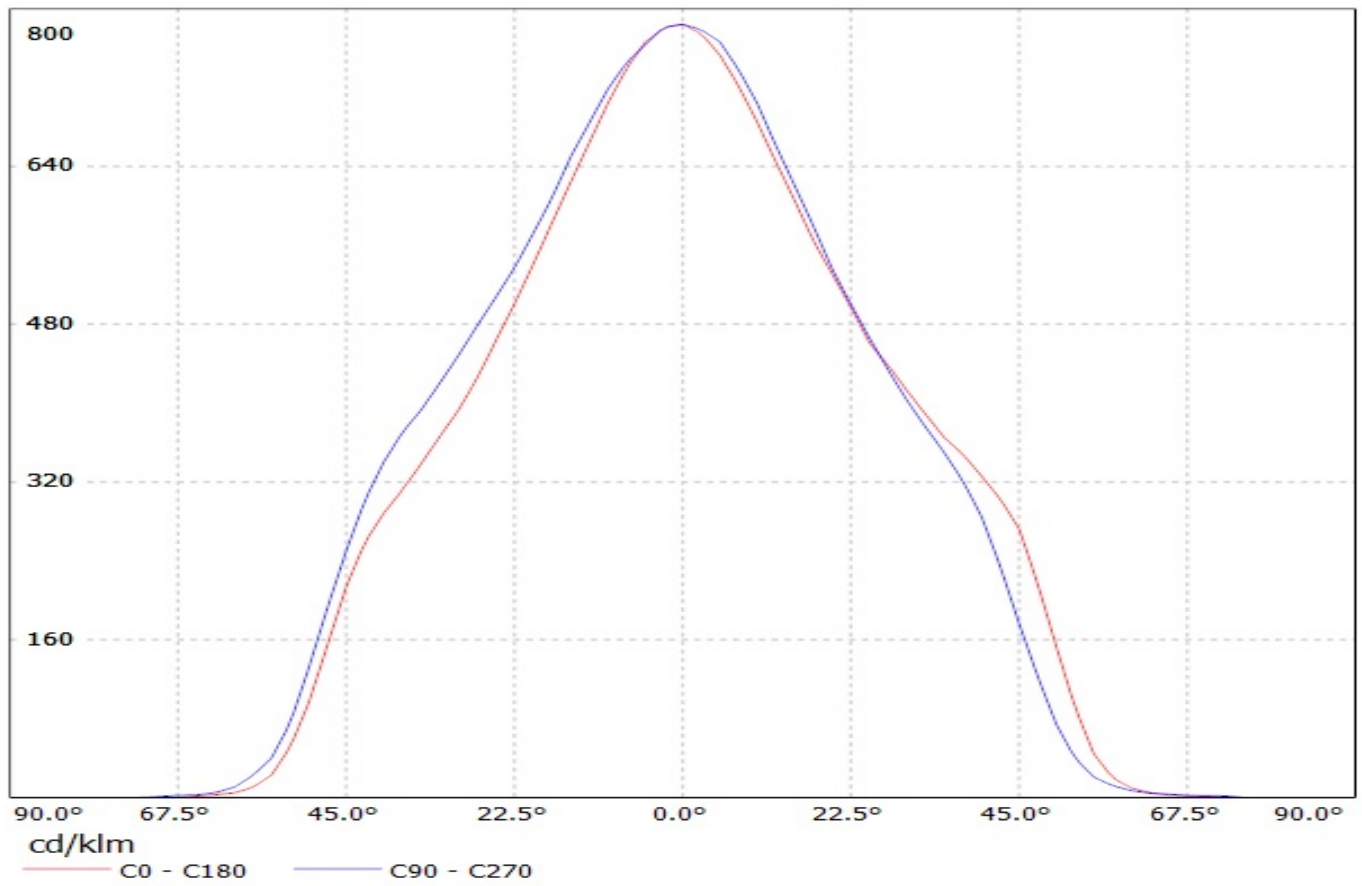
Luminaire: Ledil FC13979_ANGELINA-RZ-W-B_(CXB2540+_BJB_47.319.2140)
Lamps: 1 x CREE_CXB2540_(-40G-W4-N0H-00002)
+_BJB_47.319.2140_1412.99lm@250mA_CCT=40000K_P=8.1310W_I=0.25A



Luminaire: LEDil Oy FC13979_ANGELINA-RZ-W-B_(Luxeon_K12) Efficiency=89%
Lamps: 1 x Luxeon K12 (LXK8-PW40-0012) 930lm @ 250mA CCT=4000K P=8.2W I=250mA

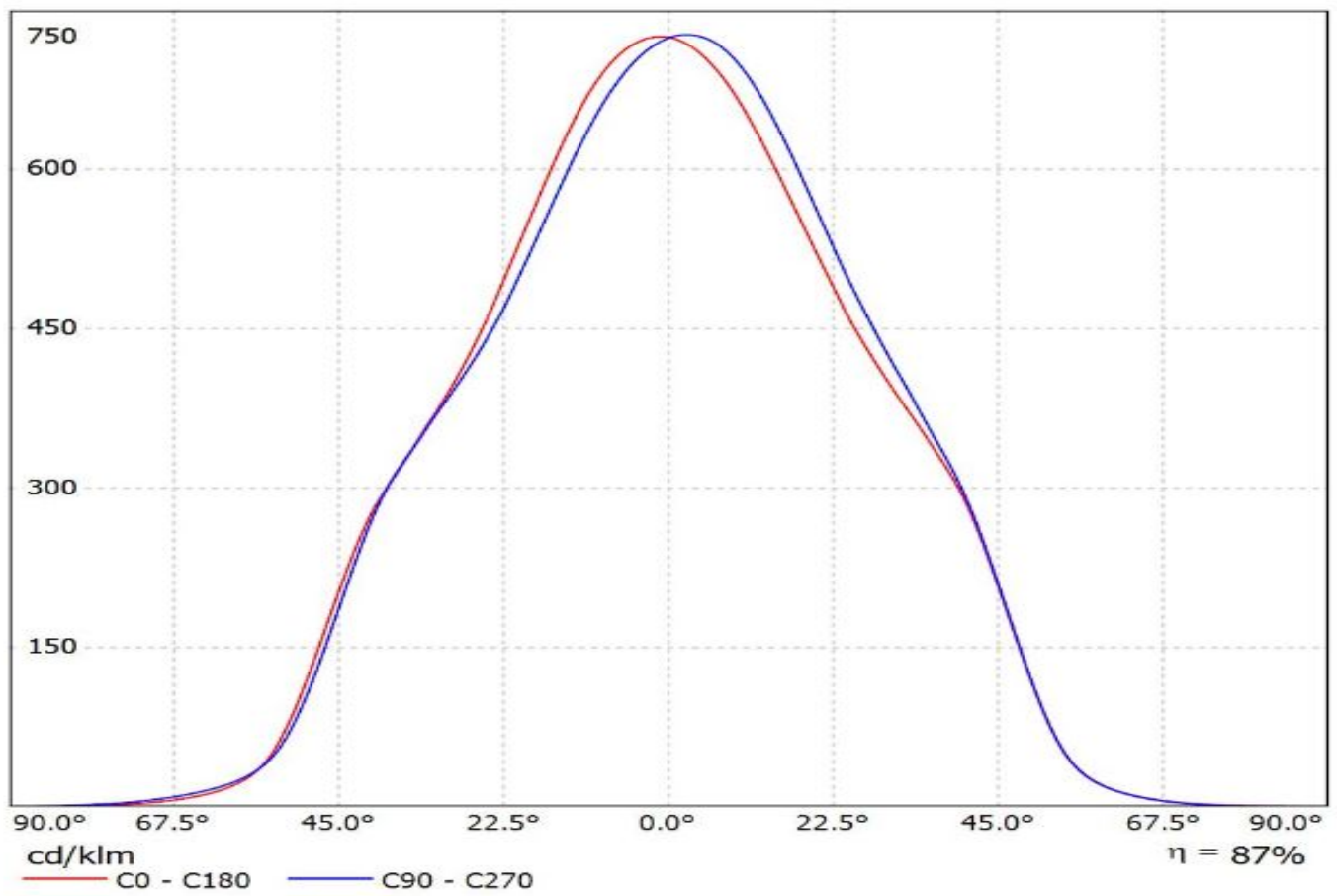


Luminaire: LEDil Oy FC13979_ANGELINA-RZ-W-B_(Luxeon_K16) Efficiency=89%
Lamps: 1 x Luxeon K16 (LXK8-PW40-0016) 1200lm @ 250mA CCT=4000K P=10.9W I=250mA

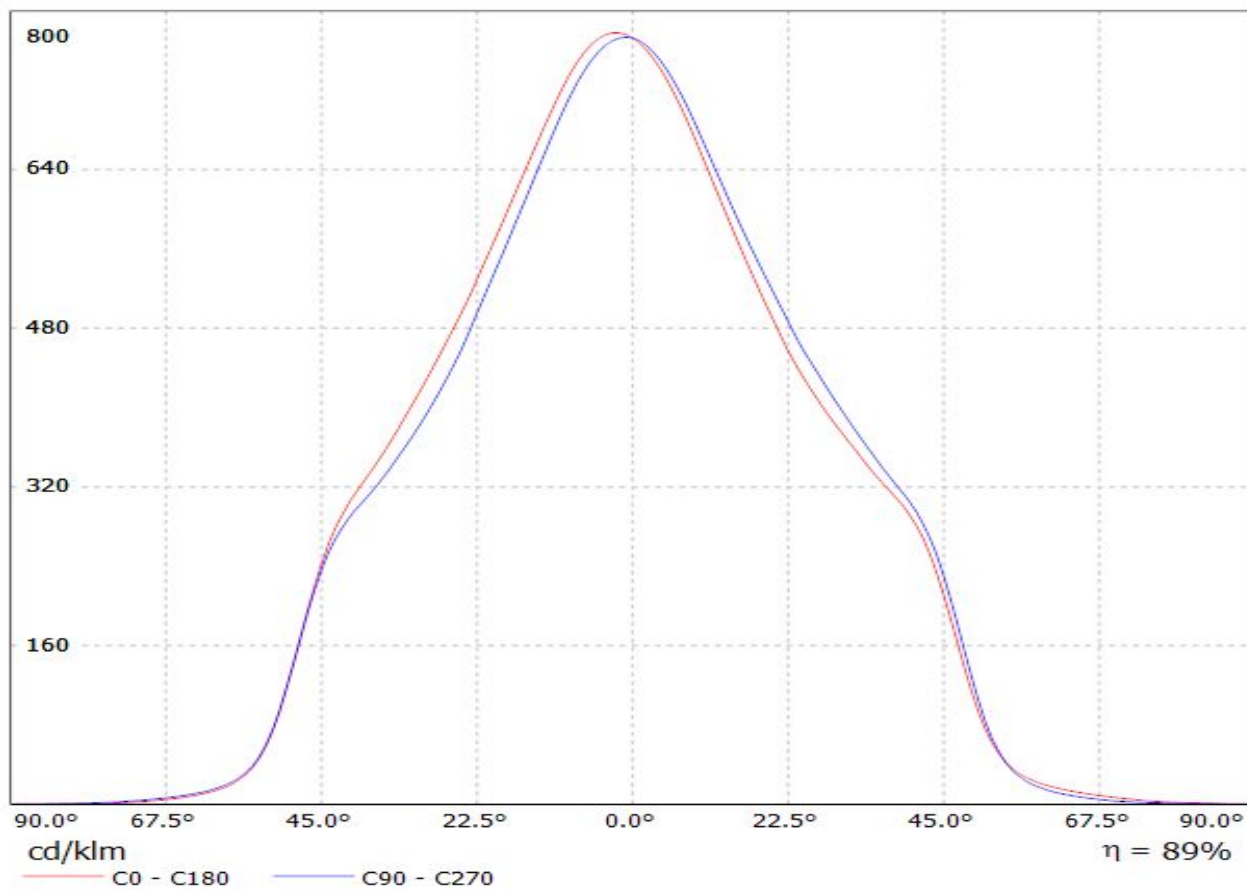


Luminaire: Ledil FC13979_ANGELINA-RZ-W-B_(CoB_1216)

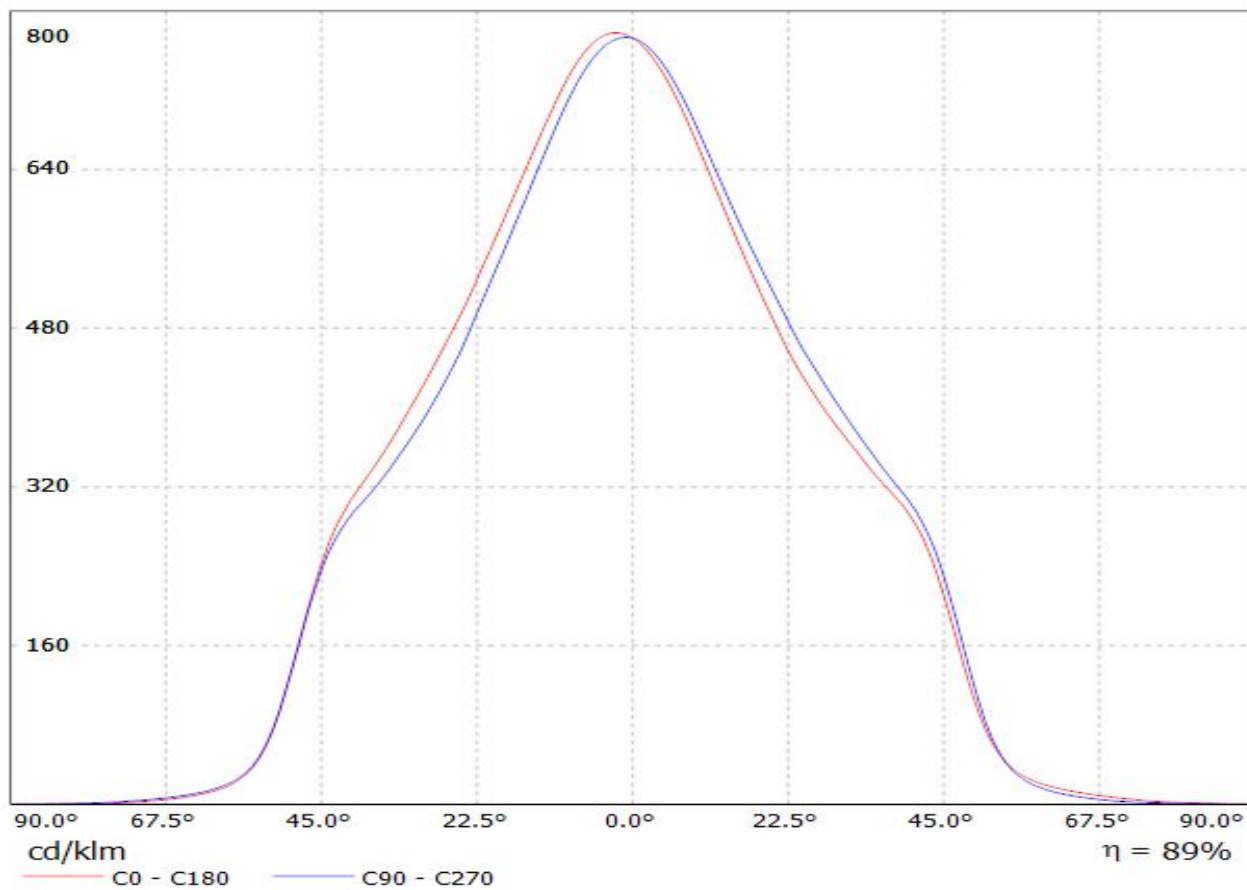
Lamps: 1 x Luxeon_CoB_1216_(L2C2-40801216E2300)_1478.81lm@250mA_P=8.0033W_I=0.25A



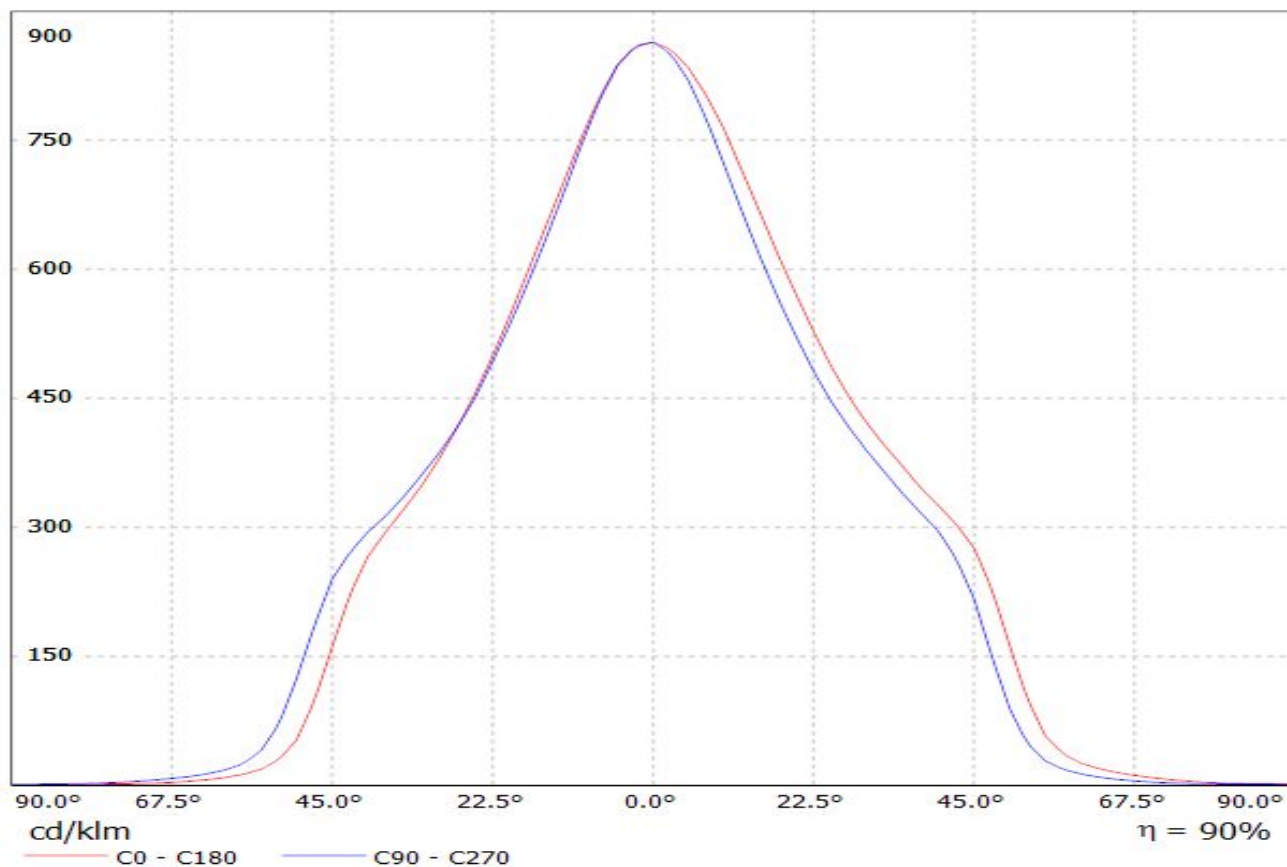
Luminaire: LEDiL Oy FC13979_ANGELINA-RZ-W-B_(COB_D_14,5mm)
Lamps: 1 x Samsung_COB_D_Series-LES-14,5_LC026D_1296.34lm@250mA_CCT=3000K_P=8.1225W_I=0.250A



Luminaire: LEDiL Oy FC13979_ANGELINA-RZ-W-B_(COB_D_14,5mm)
Lamps: 1 x Samsung_COB_D_Series-LES-14,5_LC026D_1296.34lm@250mA_CCT=3000K_P=8.1225W_I=0.250A

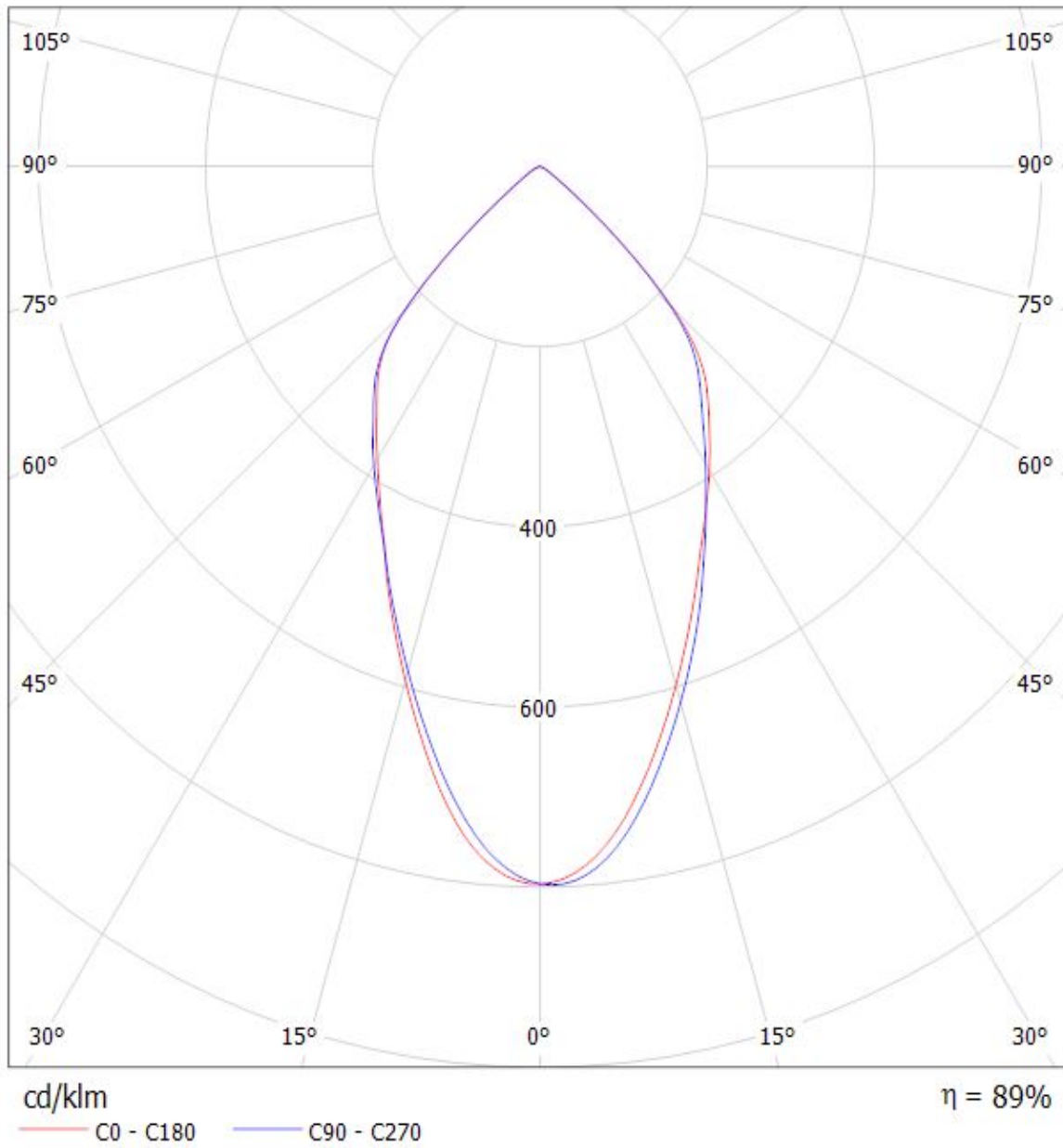


Luminaire: LEDiL Oy FC13979_ANGELINA-RZ-W-B_(Tiger) Eff.90%
Lamps: 1 x SHARP TIGER_ZENIGATA_(GW6TGCBG4FD)_836.646lm@250mA_P=8.31759W_I=249.8mA

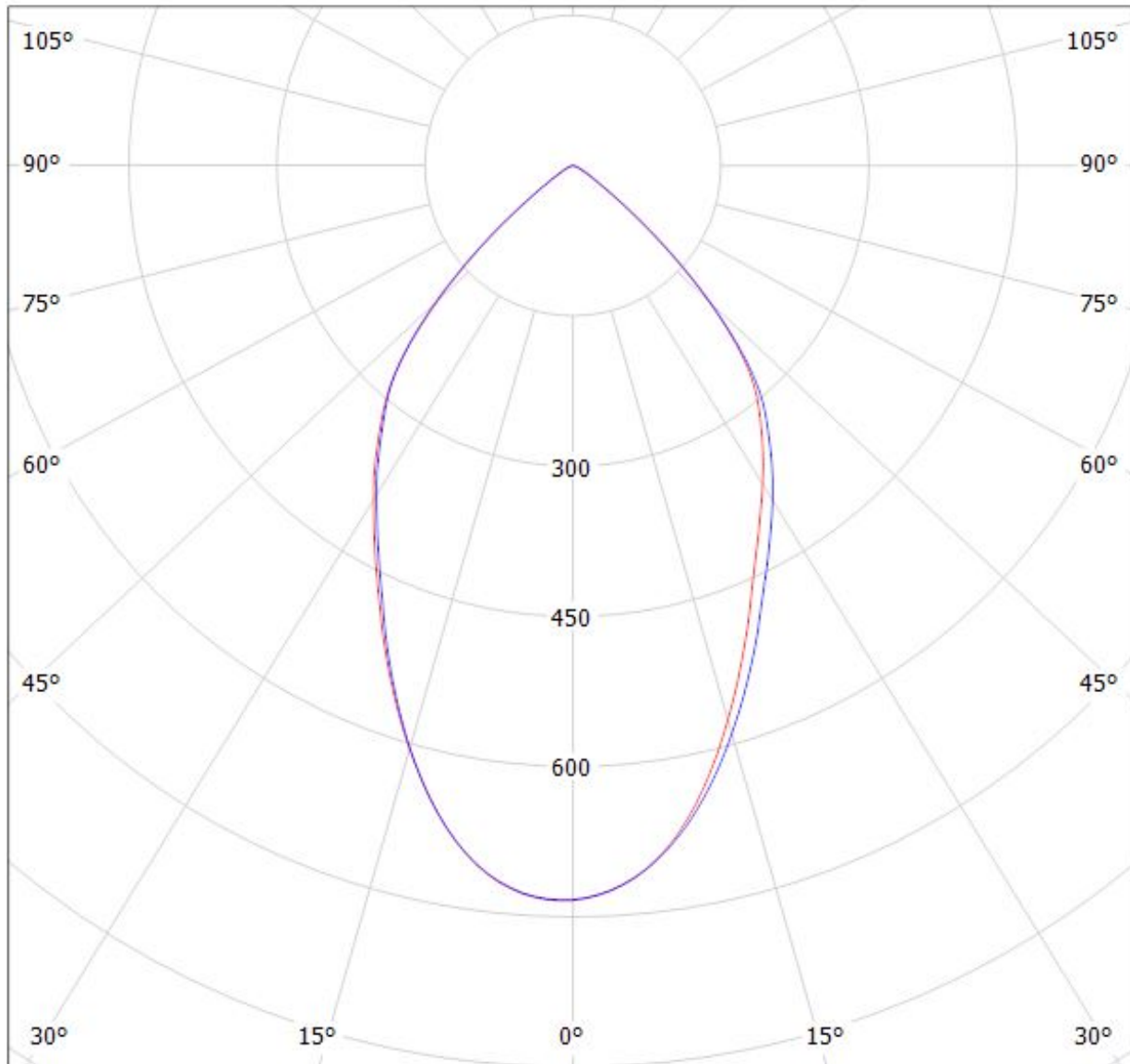


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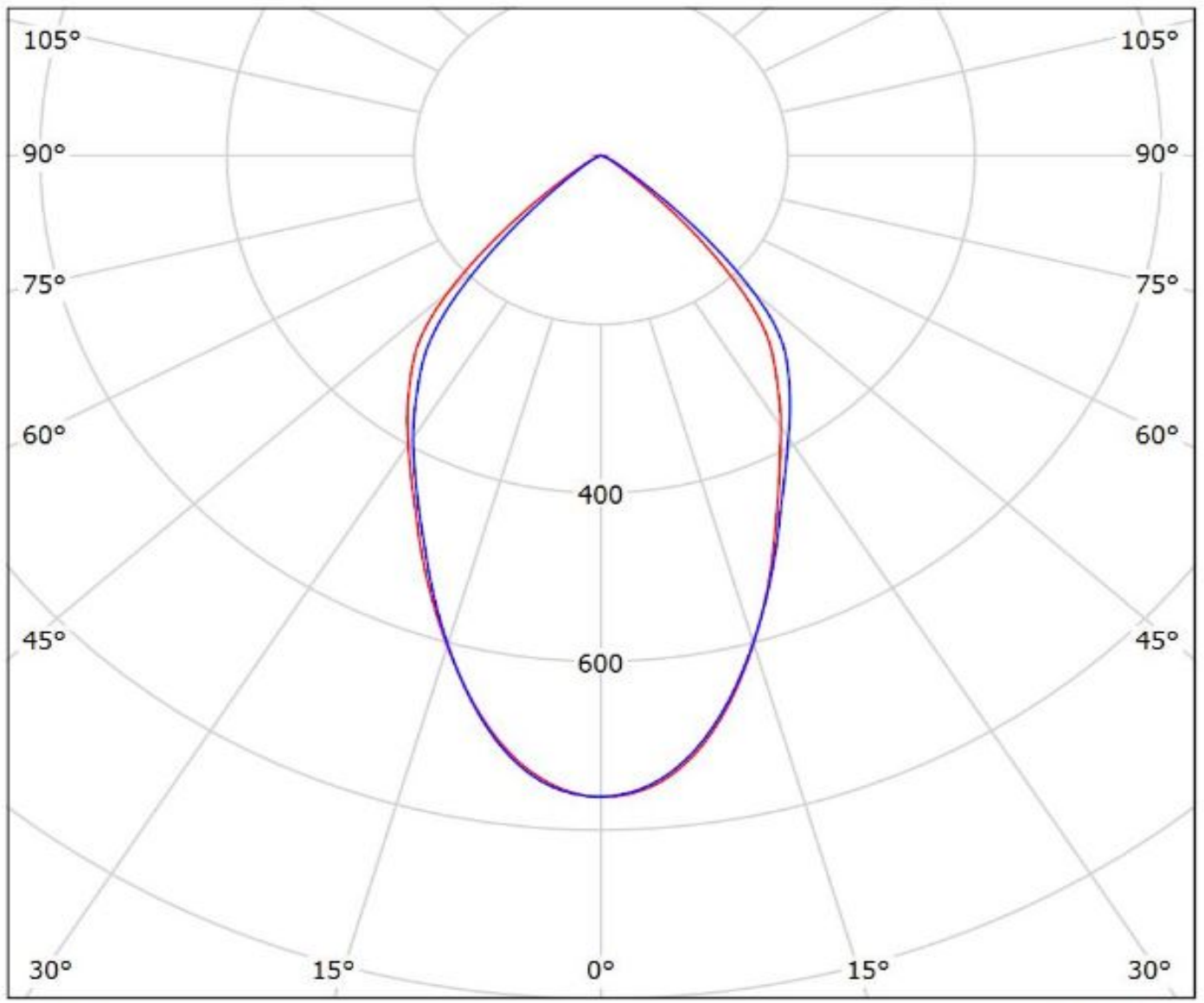


cd/klm

$\eta = 87\%$

— C0 - C180 — C90 - C270

Luminaire: Ledil FC13979_ANGELINA-RZ-W-B_(CXB2540+_BJB_47.319.2140)
Lamps: 1 x CREE_CXB2540_(-40G-W4-N0H-00002)
+_BJB_47.319.2140_1412.99lm@250mA_CCT=40000K_P=8.1310W_I=0.25A

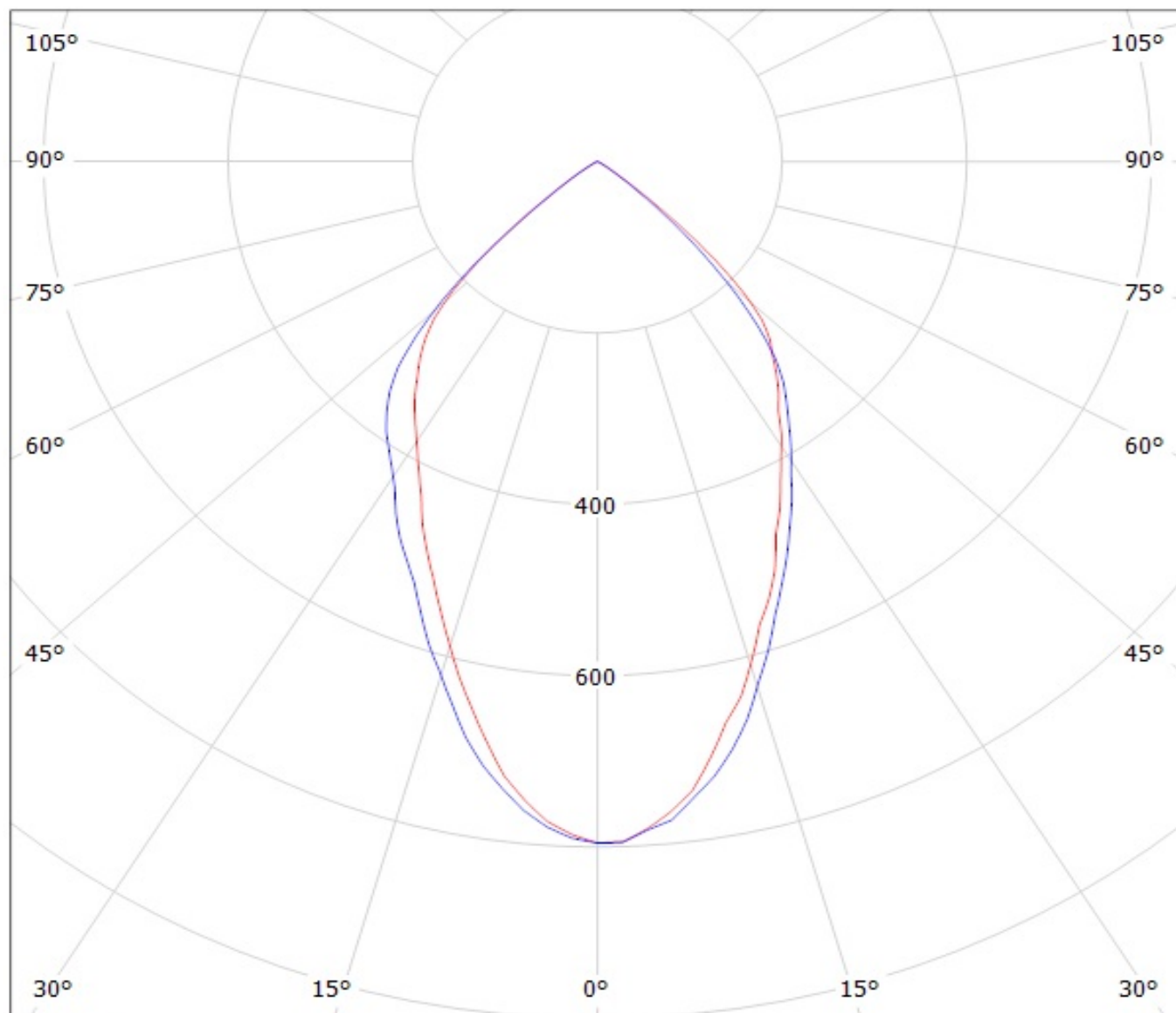


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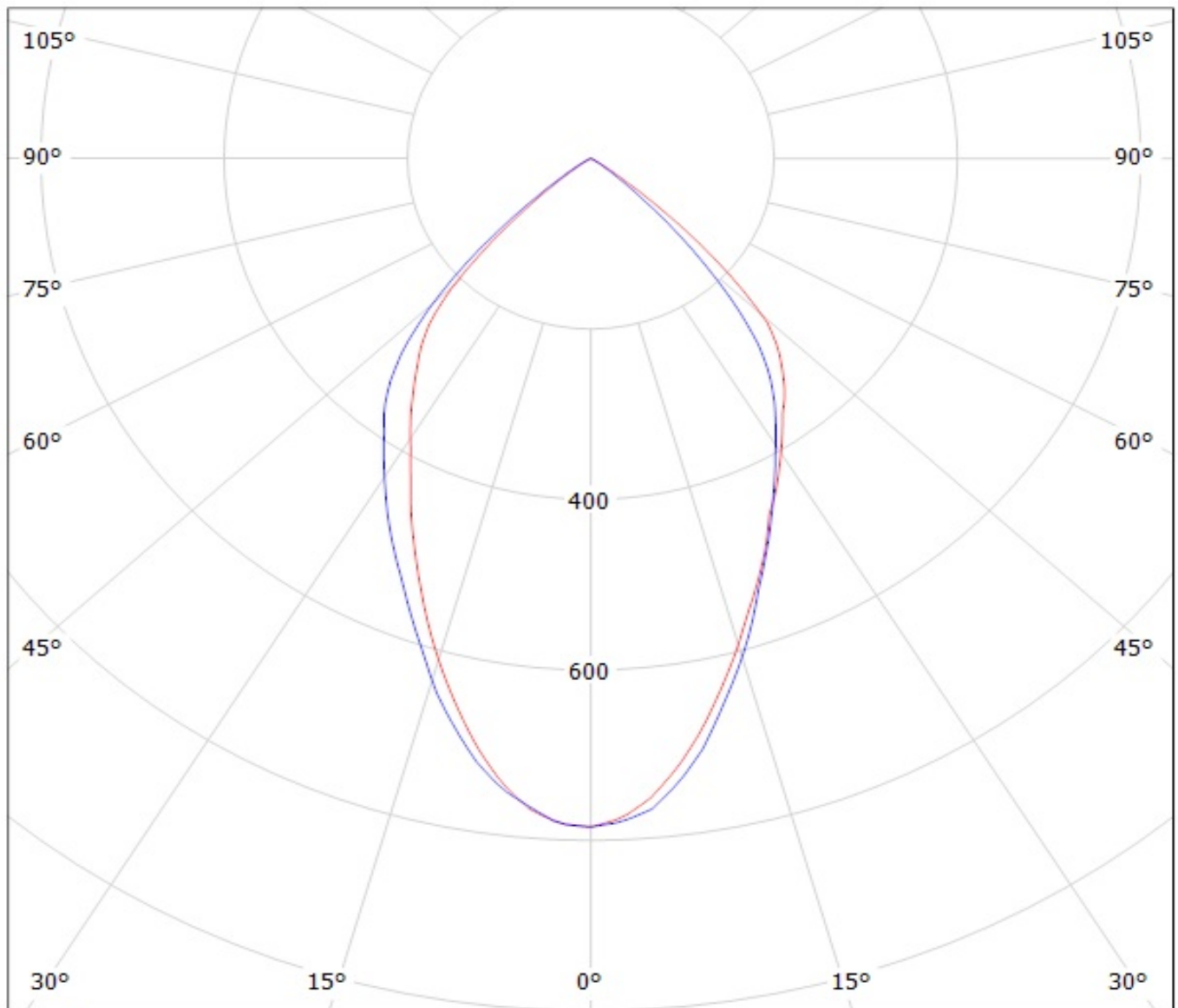


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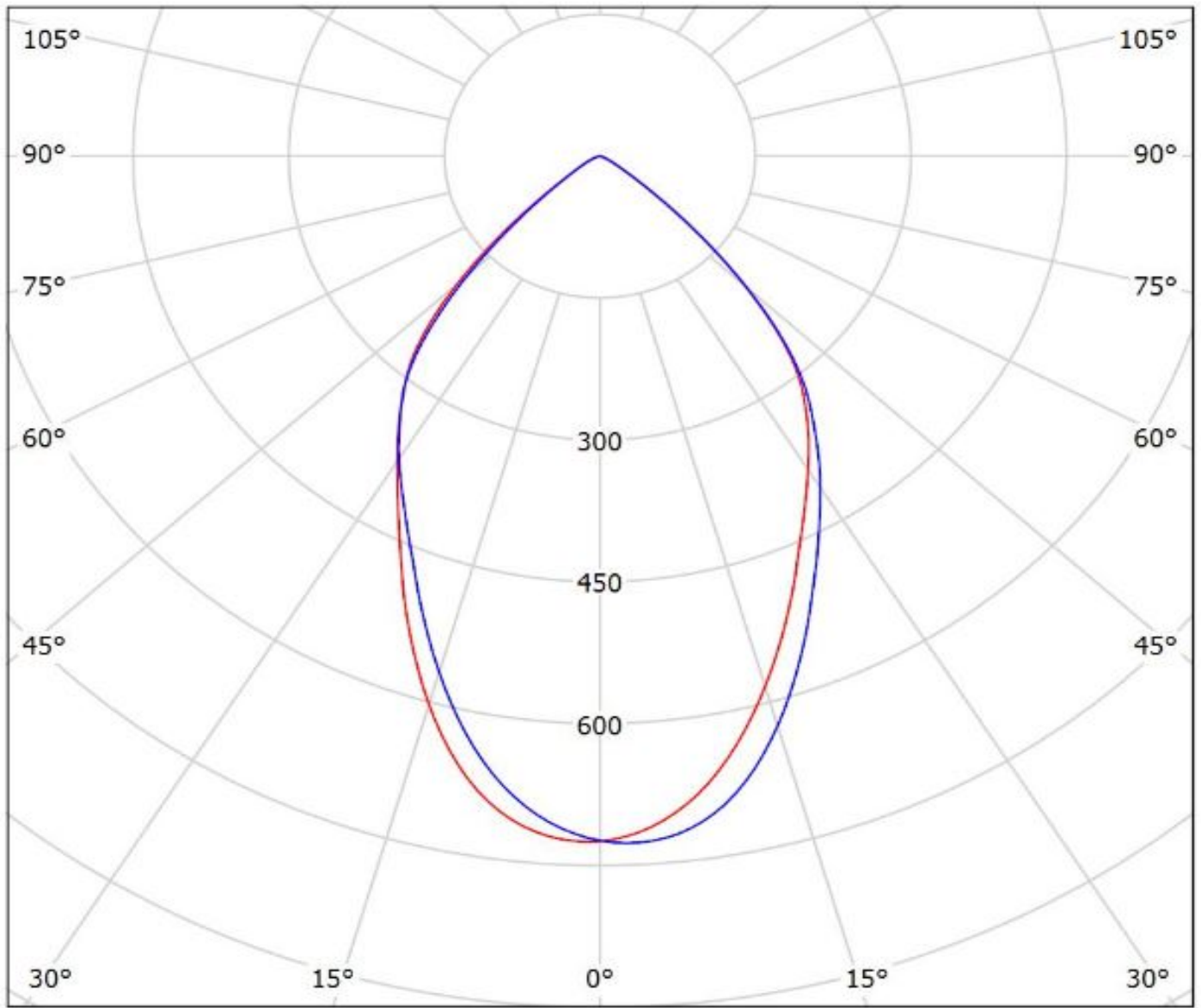
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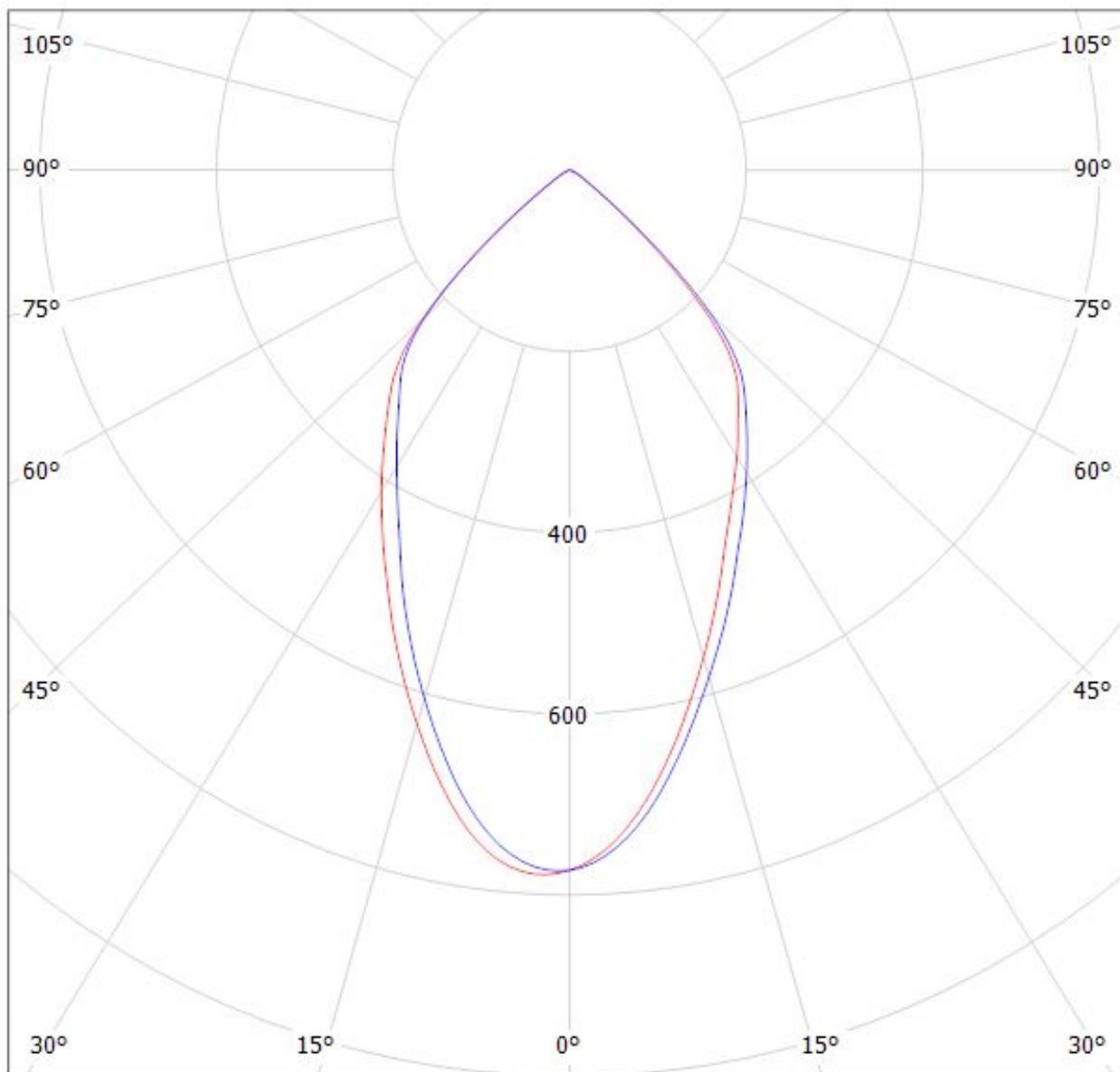
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Luminaire: LEDiL Oy FC13979_ANGELINA-RZ-W-B_(COB_D_14,5mm)

Lamps: 1 x Samsung_COB_D_Series-LES-14,5_LC026D_1296.34lm@250mA_CCT=3000K_P=8.1225W_I=0.250A



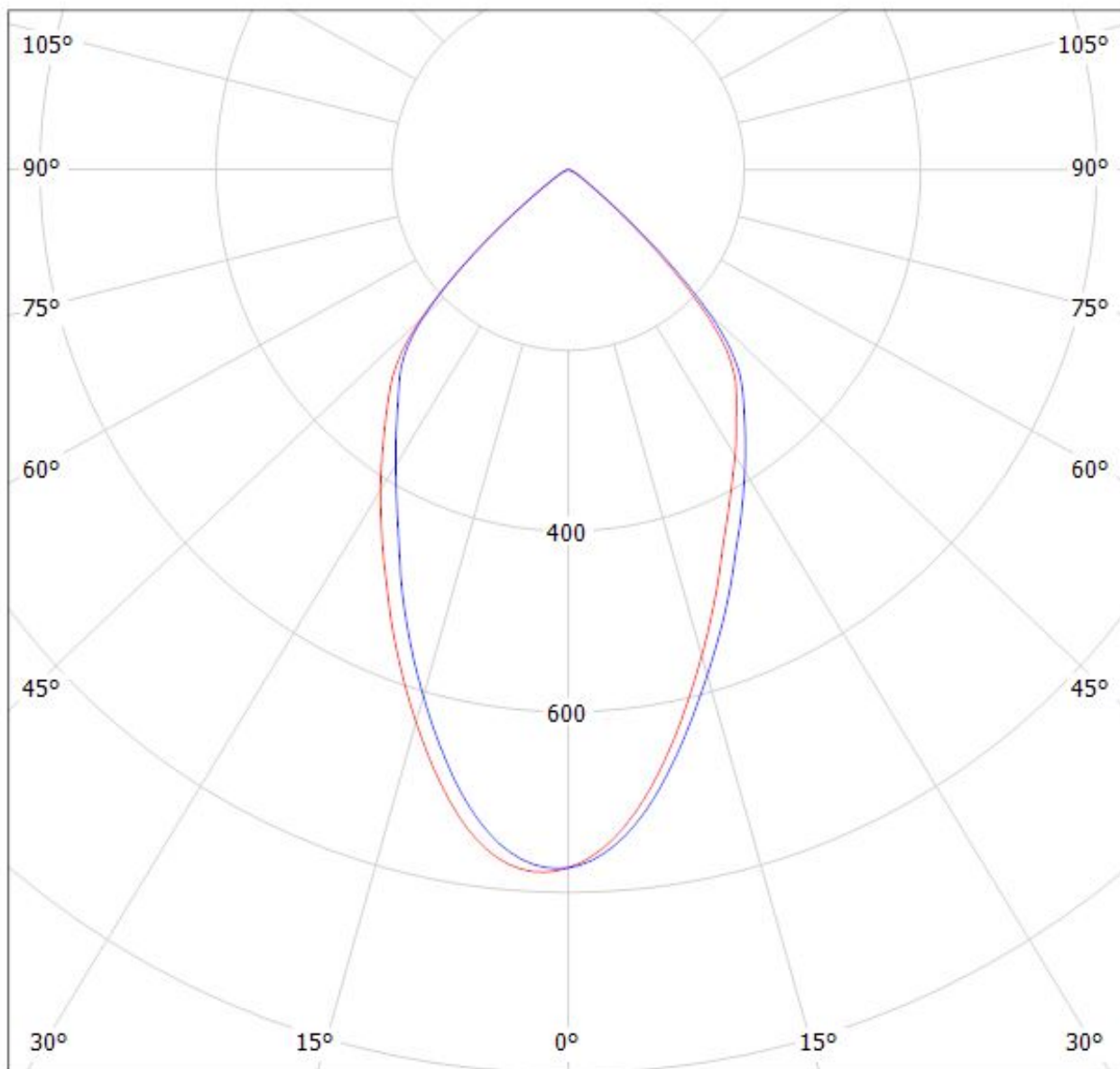
cd/klm

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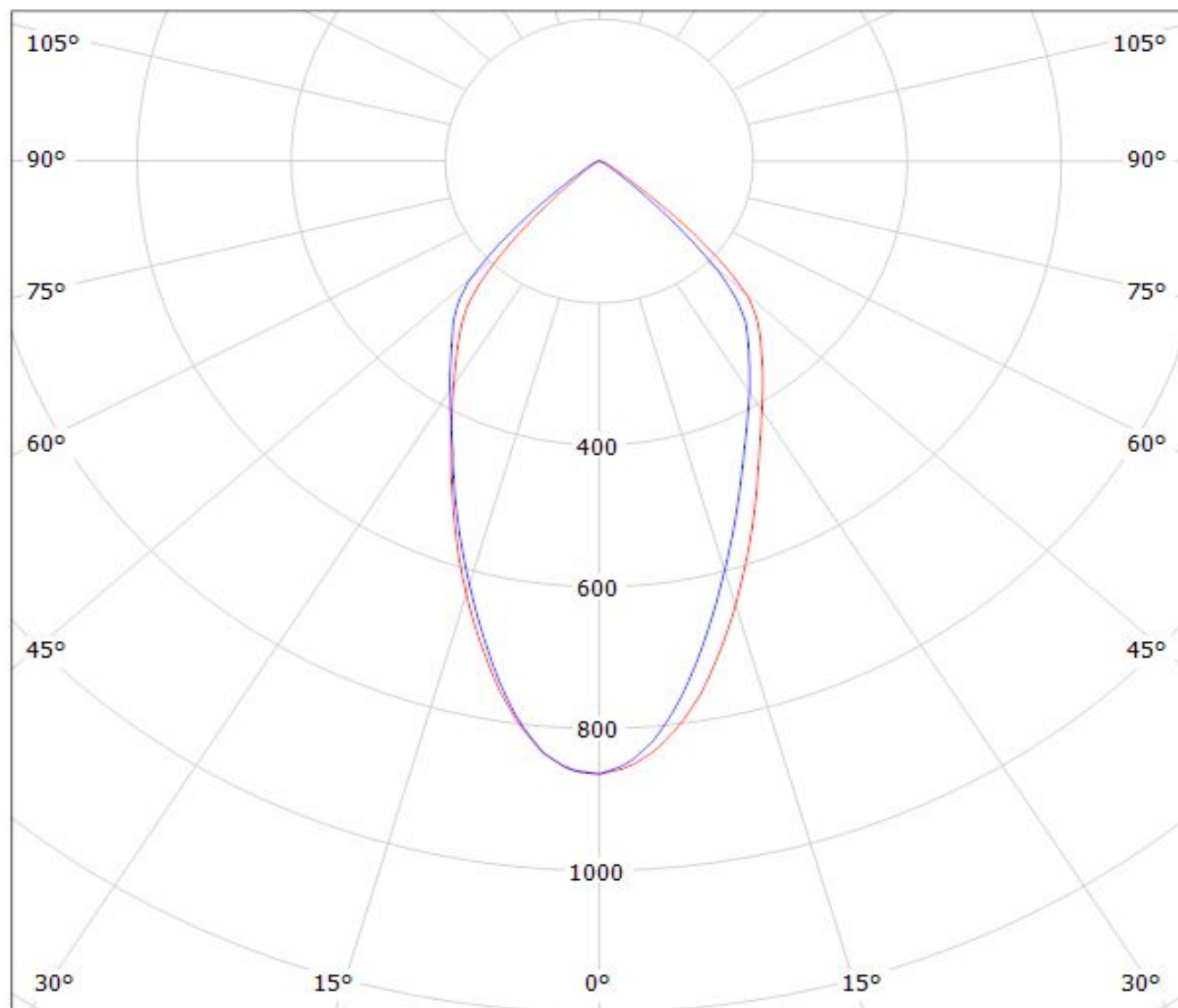
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cd/klm

— C0 - C180

— C90 - C270

$\eta = 90\%$

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.

GENERAL INFORMATION

- Product series especially designed & optimized for series of LEDs.
- Special care taken to make light distribution as uniform as possible.

Note! Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.