

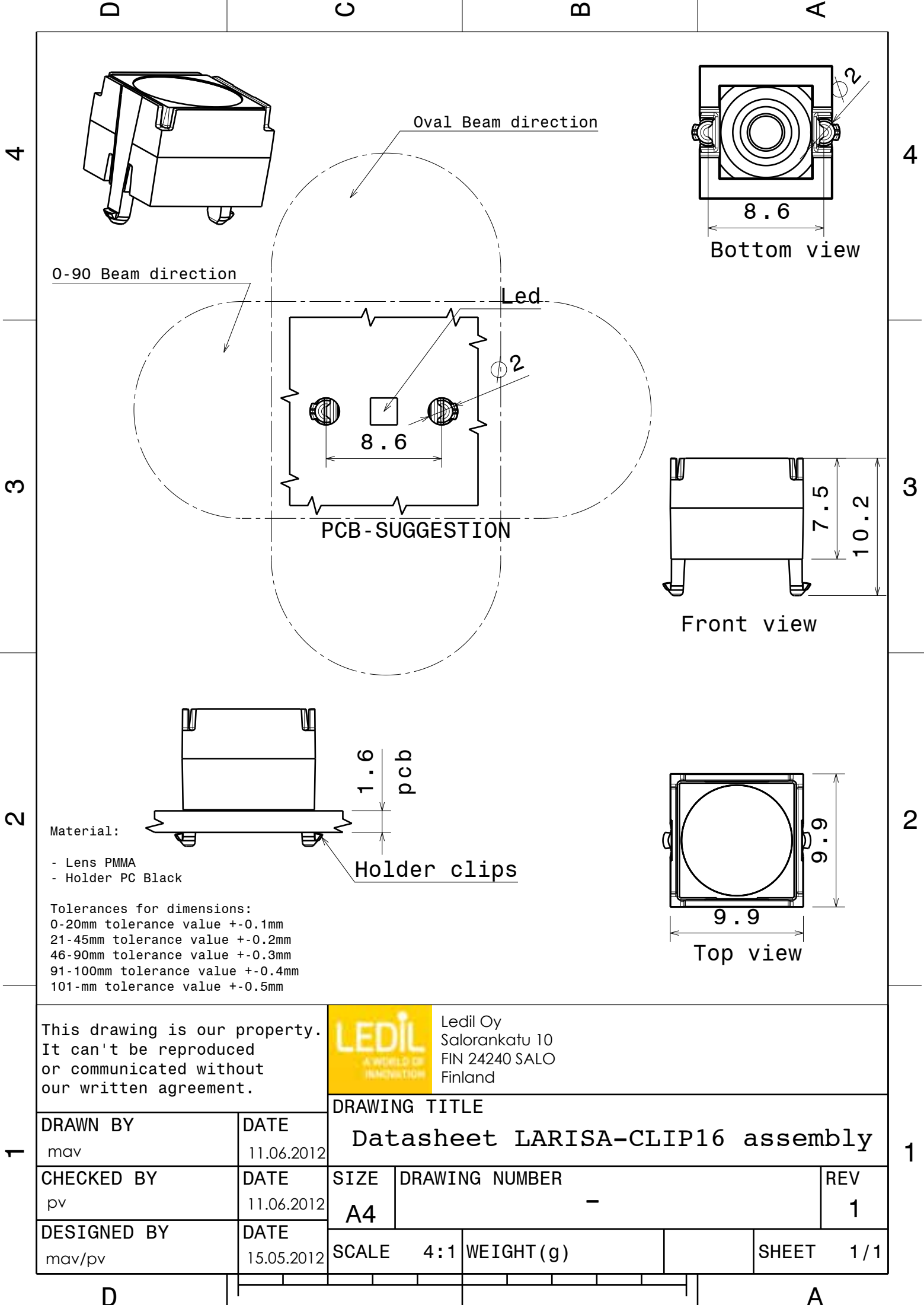
DETAILS

Product Number	CP12947_LARISA-WW-CLIP16
Family	Larisa
Type	Assembly
Color	black
Diameter	10x10 mm
Height	7,5 mm
Style	square
Optic Material	PMMA
Holder Material	PC
Fastening	clips, glue
Status	ready
ROHS Compliant	Yes
Date Updated	19/03/2015



OPTICAL PROPERTIES

LED	Viewing	Light	Efficiency	cd/lm	Connector
	Angle	Beam			
Duris S5 (2 chip)	50 deg	Very Wide	86 %	1.200	-
NCSxx19A	52 deg	Very Wide	83 %	1.000	-
XB-D	57 deg	Very Wide	84 %	0.900	-
NVSxx19A	57 deg	Very Wide	82 %	0.900	-
LUXEON Rebel ES	60 deg	Very Wide	86 %	0.900	-
LUXEON Rebel	62 deg	Very Wide	88 %	0.900	-
Oslon SSL 80	66 deg	Very Wide	84 %	0.900	-
LUXEON A	70 deg	Very Wide	85 %	0.700	-



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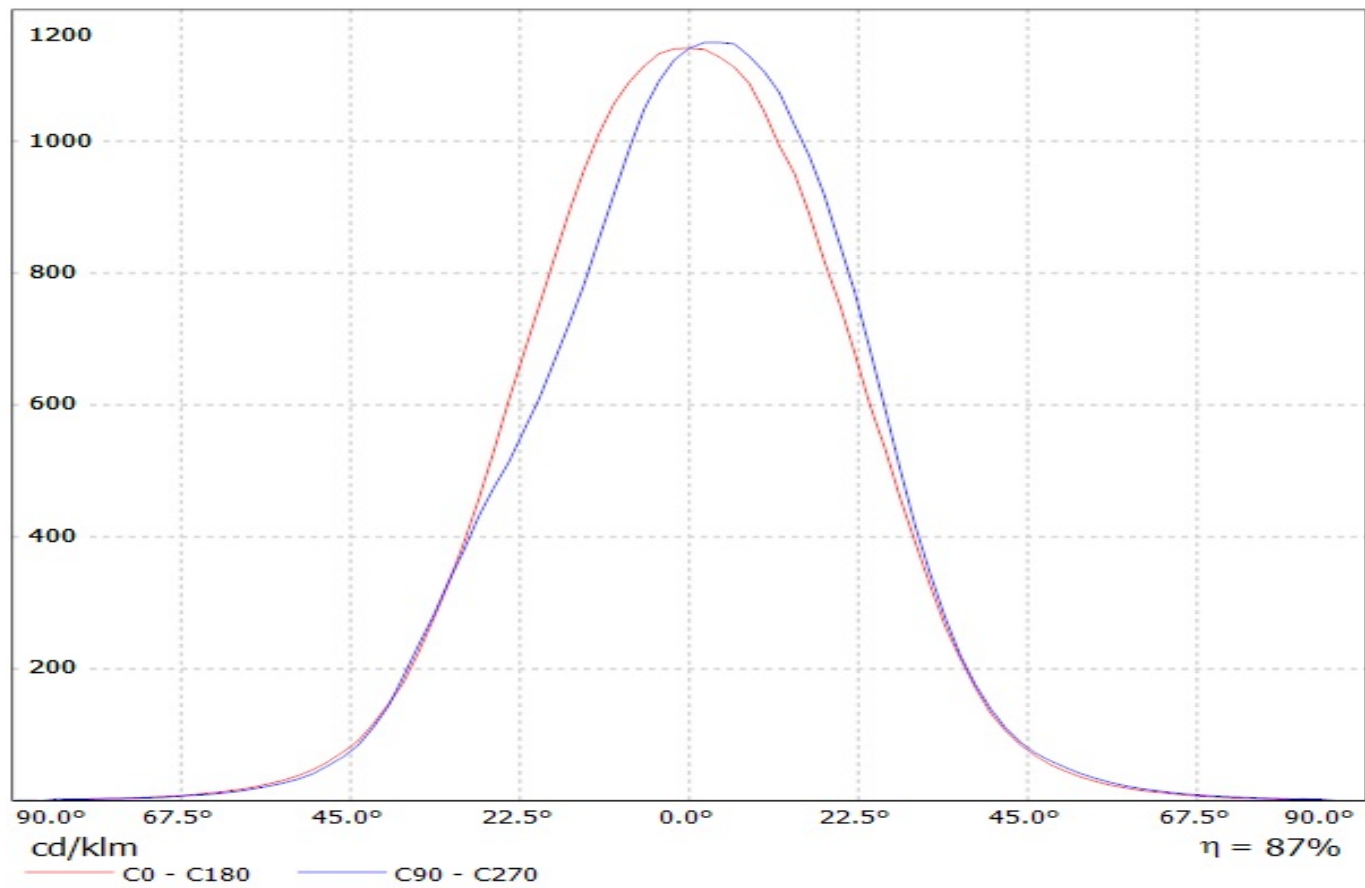
Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE
Datasheet LARISA-CLIP16 assembly

DRAWN BY mav	DATE 11.06.2012
CHECKED BY pv	DATE 11.06.2012
DESIGNED BY mav/pv	DATE 15.05.2012

SIZE A4	DRAWING NUMBER -	REV 1
SCALE 4:1	WEIGHT (g)	SHEET 1 / 1

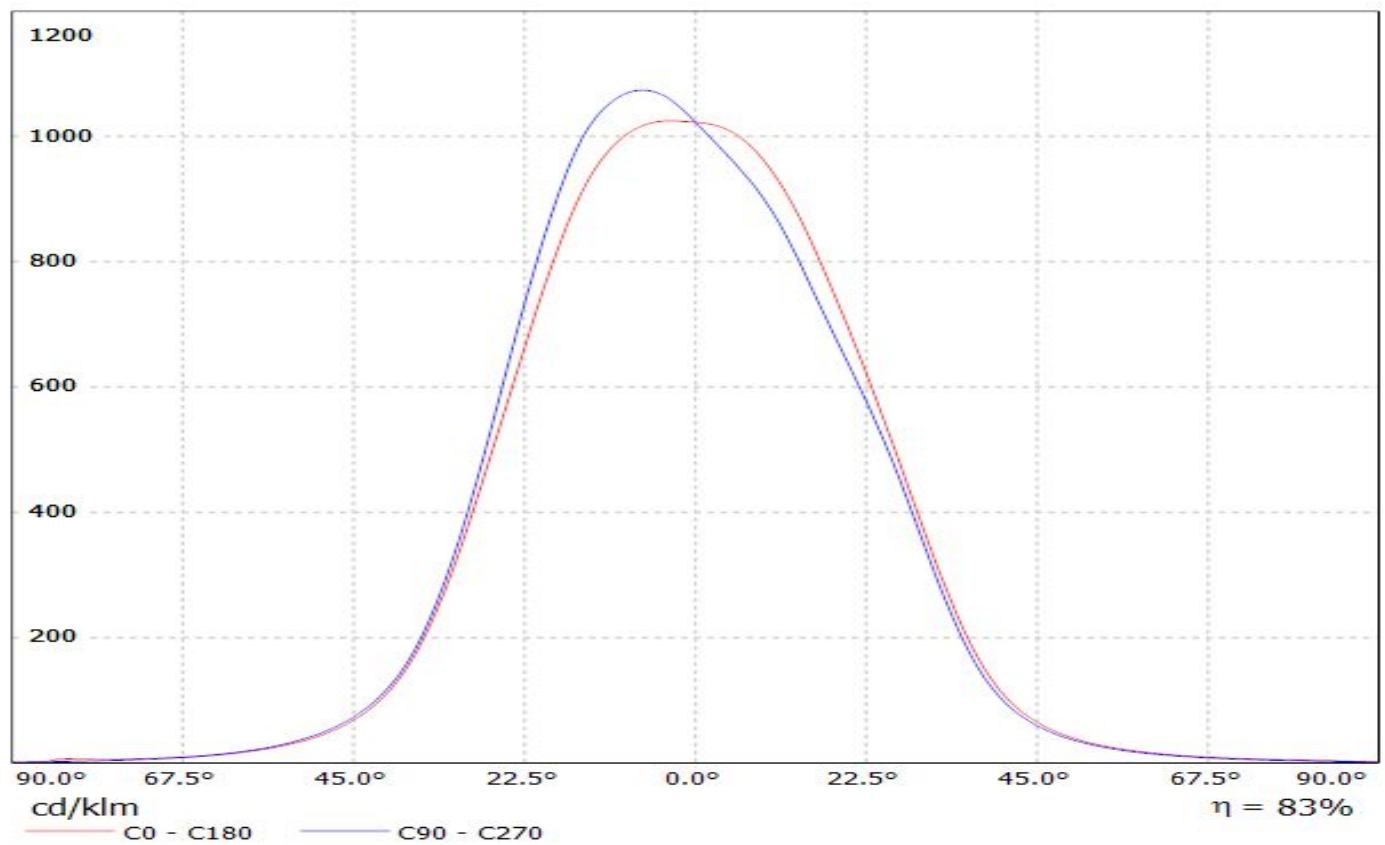
Luminaire: LEDil Oy CP12947_LARISA-WW-CLIP16_(Duris_S5) Efficiency=86%
Lamps: 1 x Osram Duris S5 (GW PSLPS1.EC) 102lm @ 150mA CCT=6300K P=1.0W I=150mA



LEDiL Oy C12913_LARISA-WW_(NCS19) Eff.83.4% / LDC (Linear)

Luminaire: LEDiL Oy C12913_LARISA-WW_(NCS19) Eff.83.4%

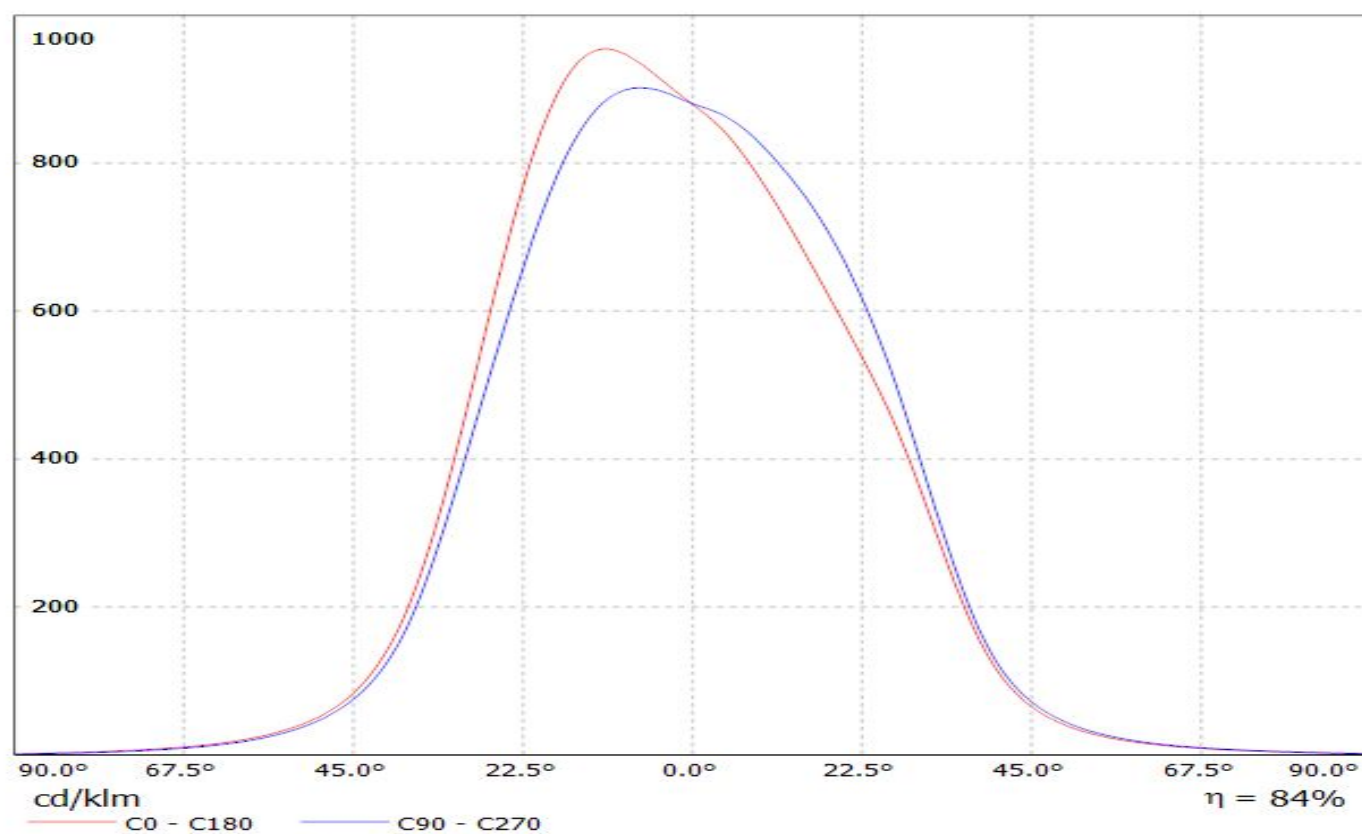
Lamps: 1 x Nichia NCS19 (88lm@250mA)



LEDiL Oy C12913_LARISA-WW_(XB-D) Eff.84.3% / LDC (Linear)

Luminaire: LEDiL Oy C12913_LARISA-WW_(XB-D) Eff.84.3%

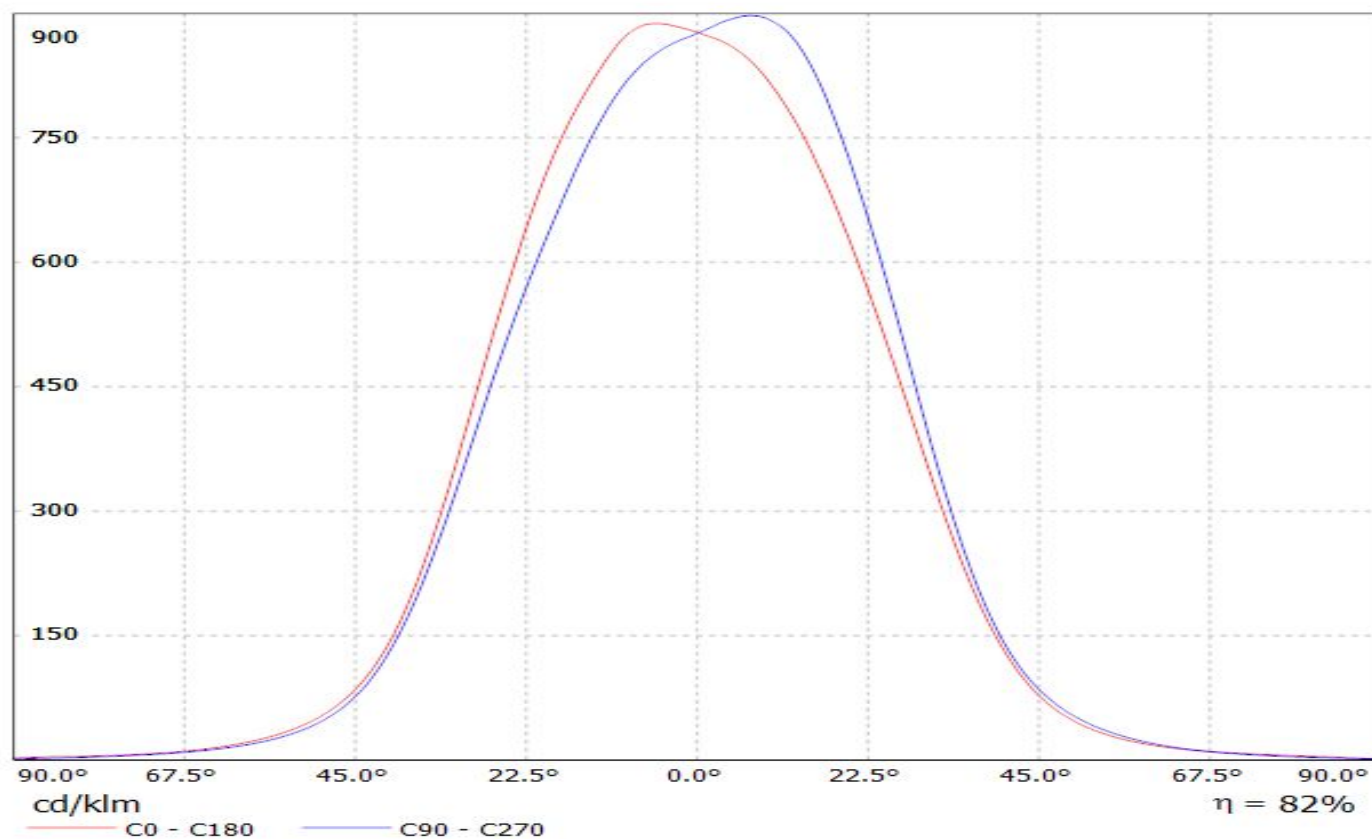
Lamps: 1 x CREE XB-D (92.2lm@250mA)



LEDiL Oy C12913_LARISA-WW_(NVS19) Eff.82.3% / LDC (Linear)

Luminaire: LEDiL Oy C12913_LARISA-WW_(NVS19) Eff.82.3%

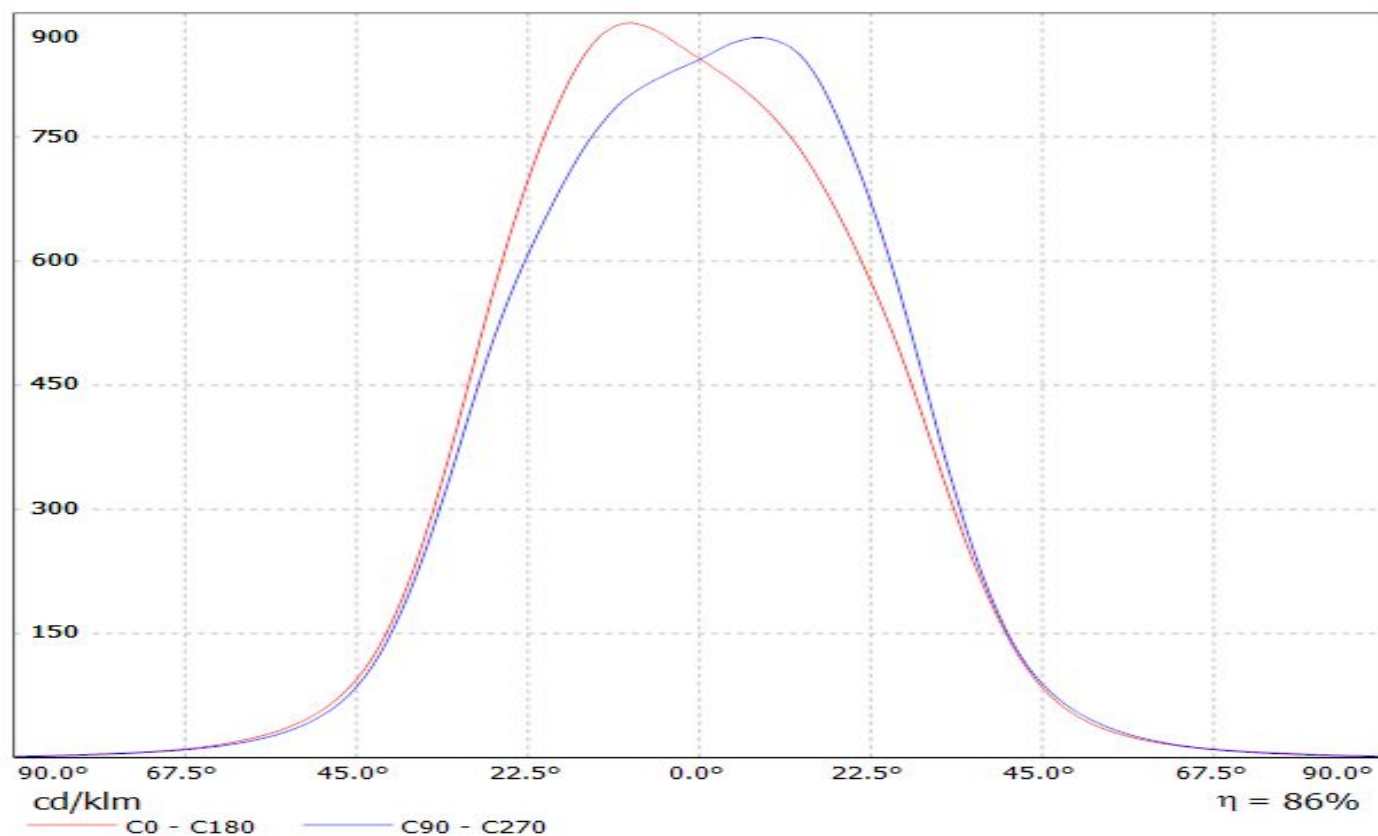
Lamps: 1 x Nichia NVS19 (97.5lm@250mA)



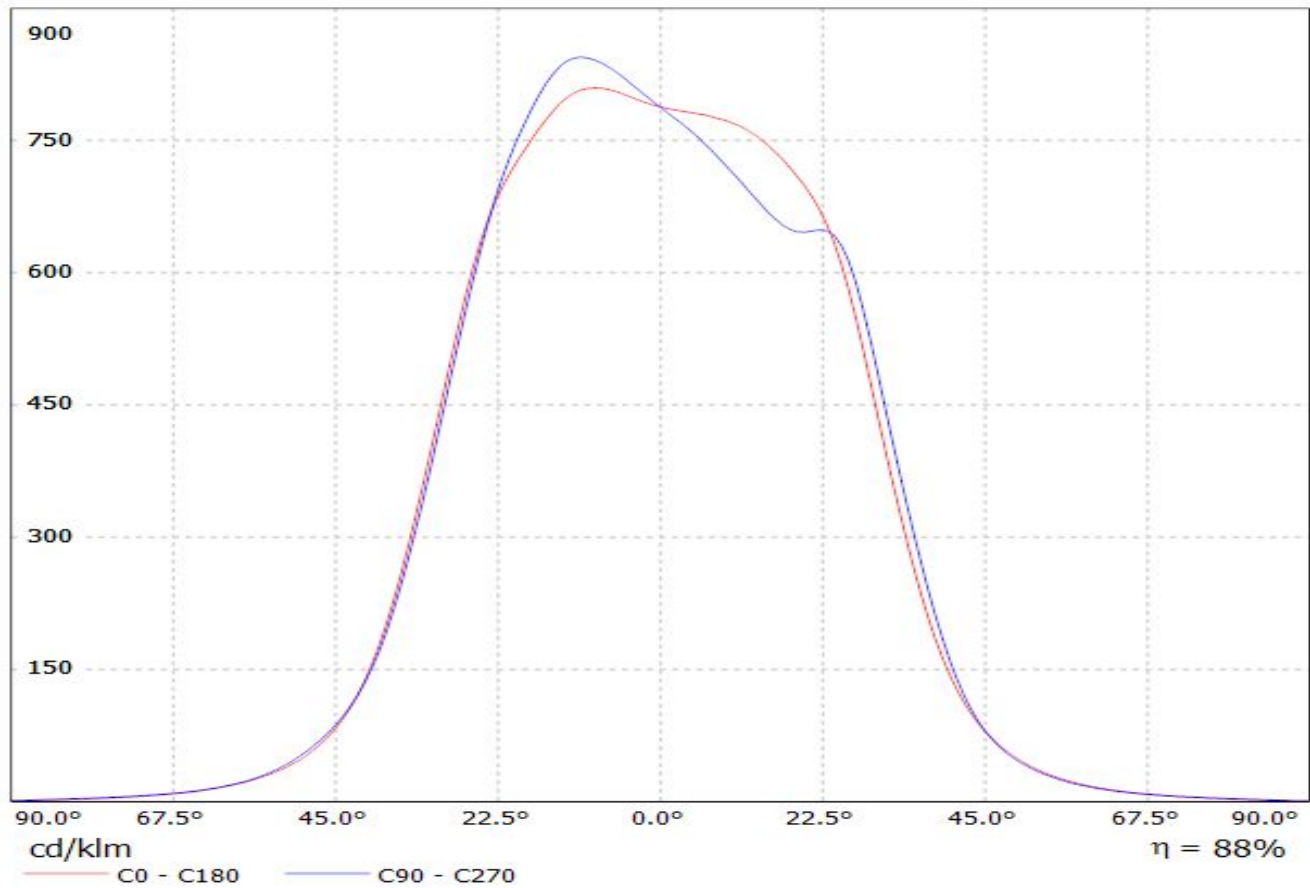
LEDiL Oy C12913_LARISA-WW_(Rebel_ES) Eff.86.4% / LDC (Linear)

Luminaire: LEDiL Oy C12913_LARISA-WW_(Rebel_ES) Eff.86.4%

Lamps: 1 x Rebel ES (91.8116lm@250mA)



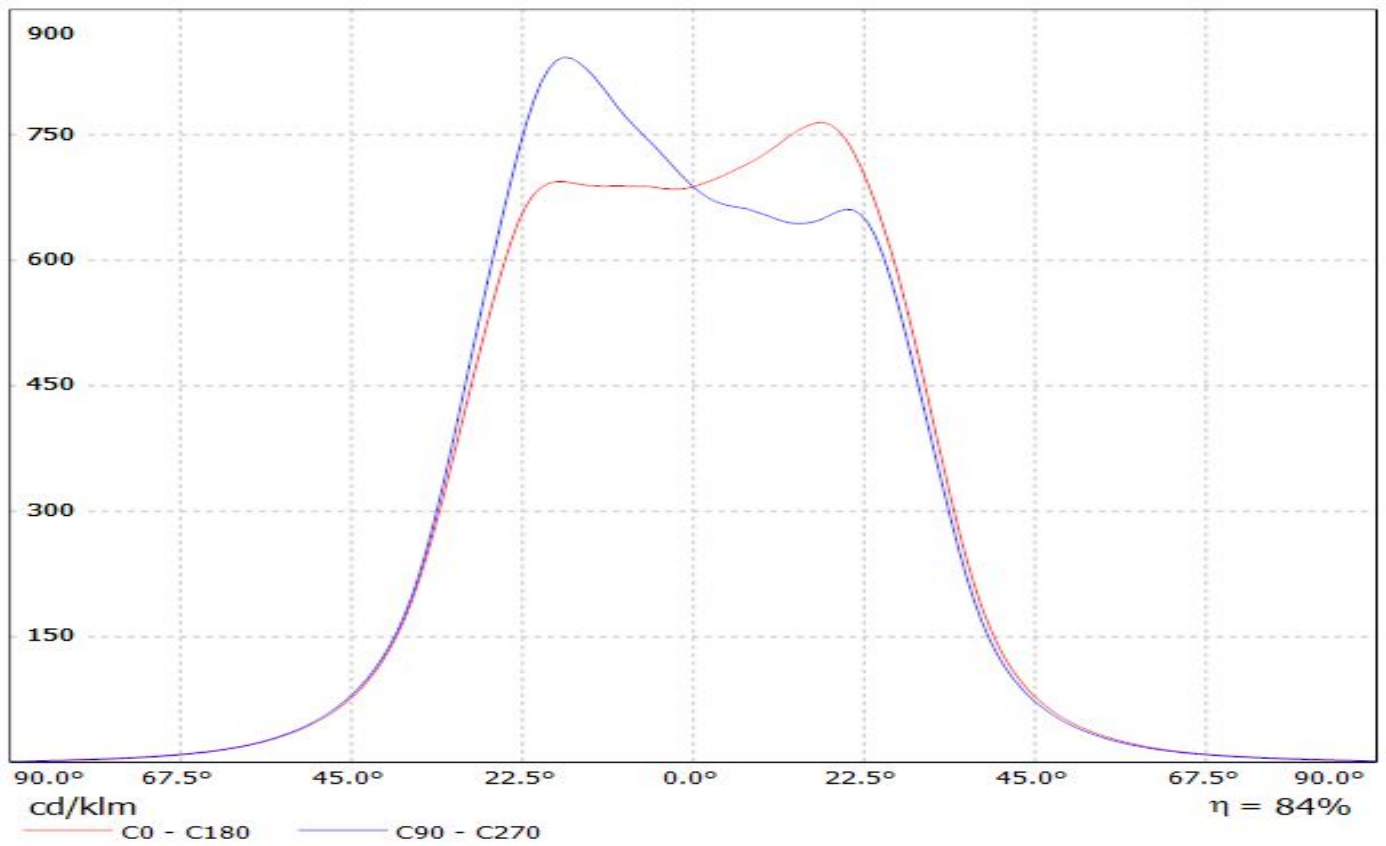
Luminaire: LEDiL Oy LARISA-WW_Rebel_(CLIP8&CLIP16) Eff.87.5%
Lamps: 1 x Rebel (80.8775lm@250mA)



LEDiL Oy C12913_LARISA-WW_(SSL80) Eff.84.2% / LDC (Linear)

Luminaire: LEDiL Oy C12913_LARISA-WW_(SSL80) Eff.84.2%

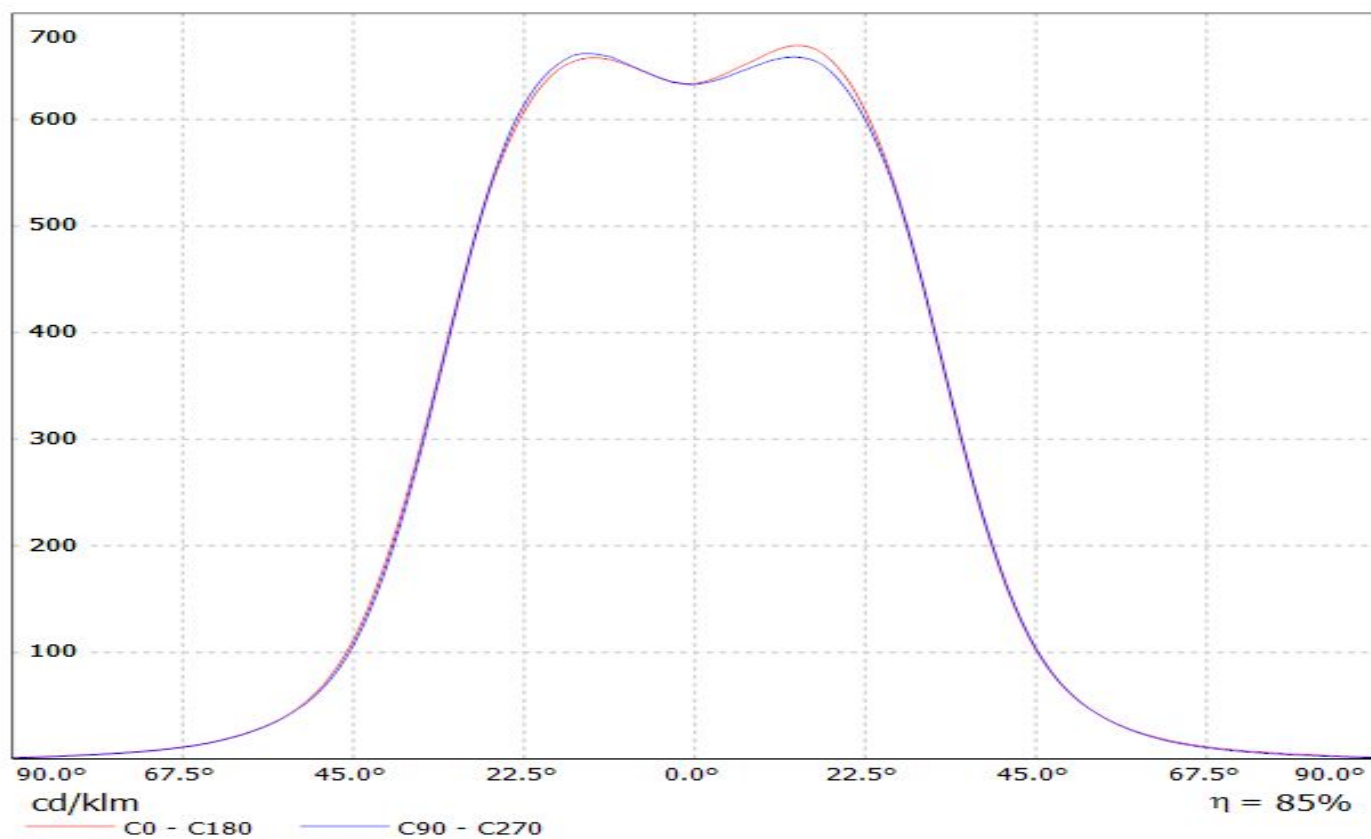
Lamps: 1 x Osram SSL80 (81.3lm@250mA)



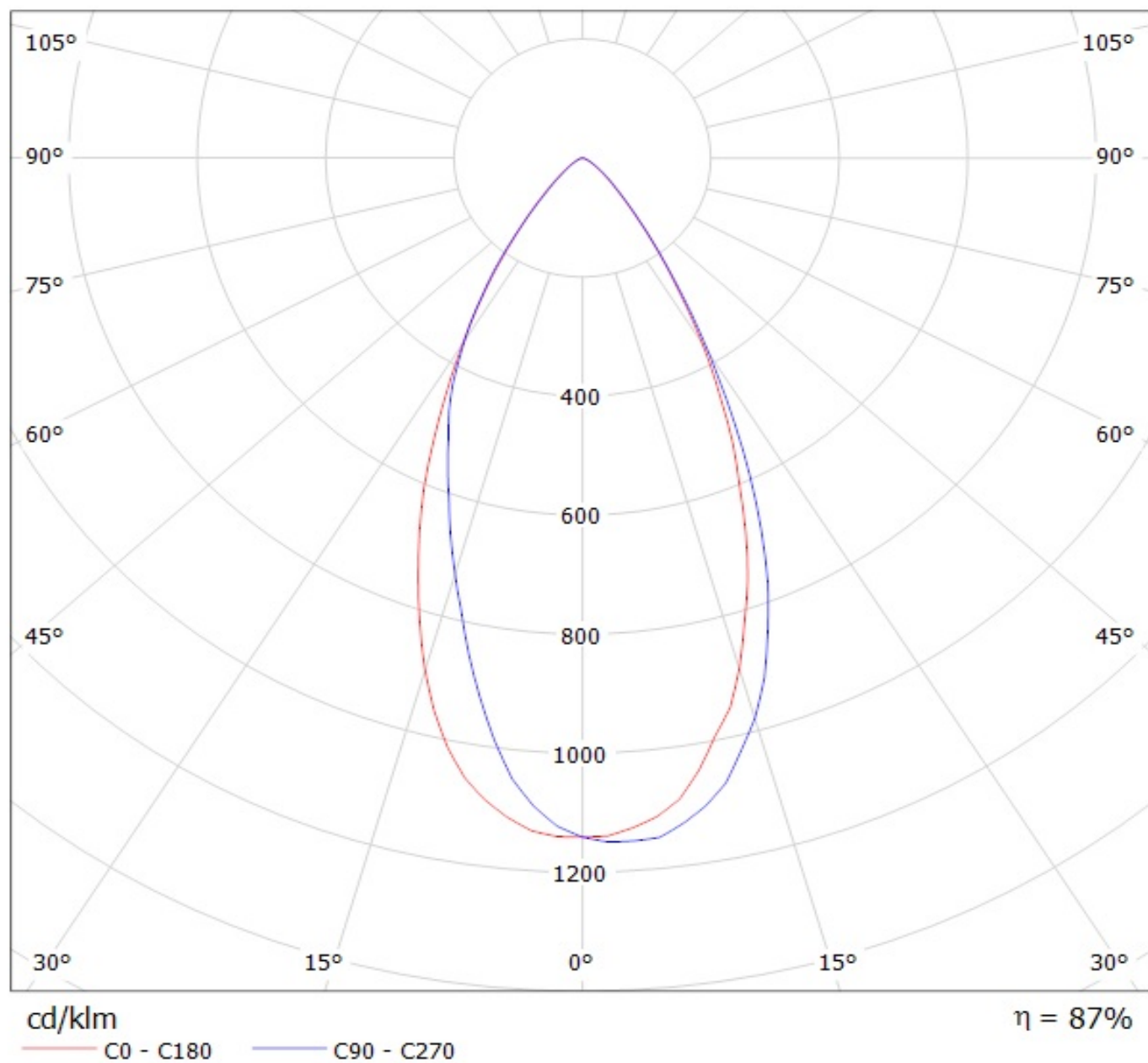
LEDiL Oy C12913_LARISA-WW_(Luxeon_A) Eff.85.5% / LDC (Linear)

Luminaire: LEDiL Oy C12913_LARISA-WW_(Luxeon_A) Eff.85.5%

Lamps: 1 x Luxeon_A (66.4lm@250mA)



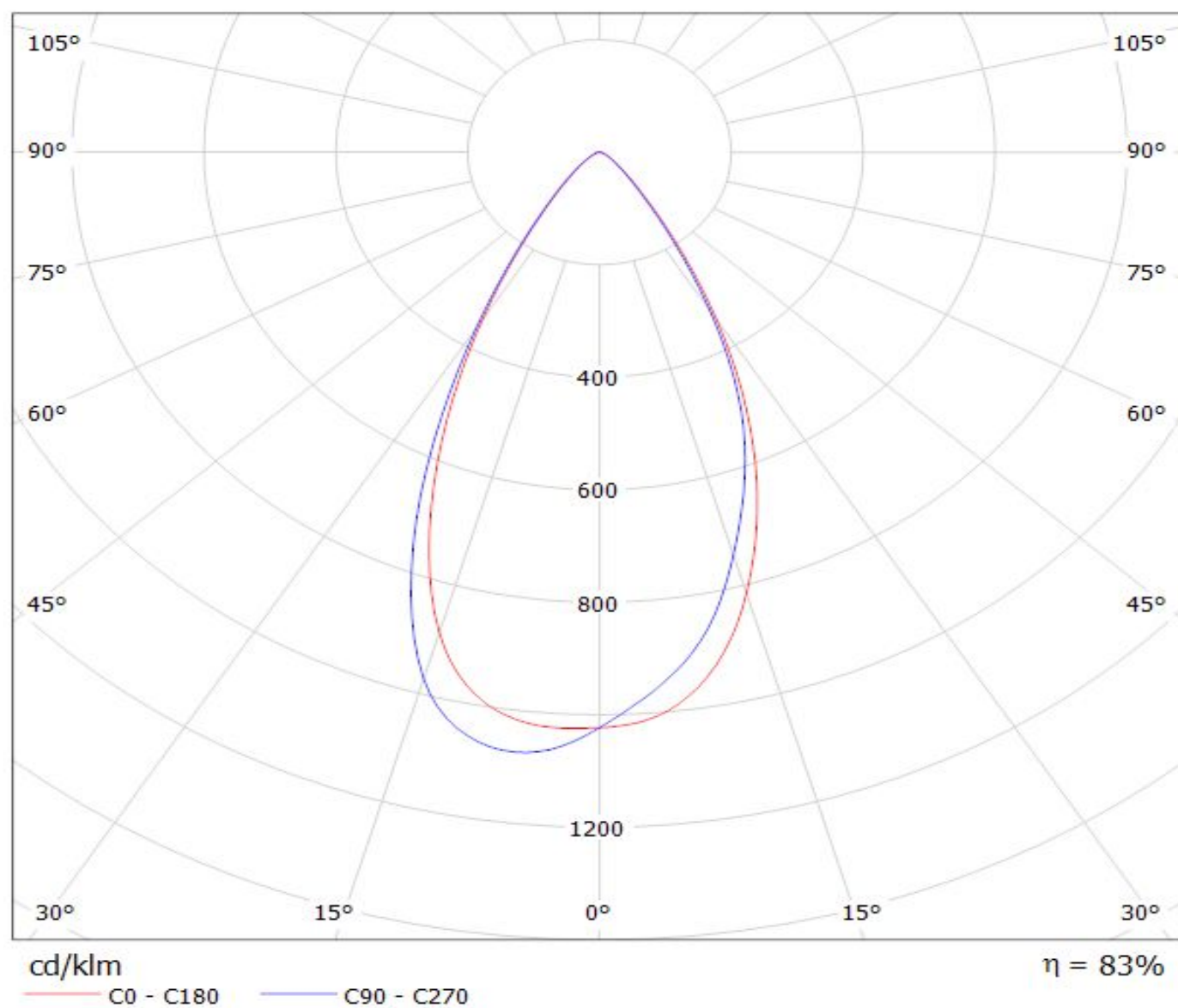
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Lamps: 1 x Osram Duris S5 (GW PSLPS1.EC) 102lm @ 150mA CCT=6300K P=1.0W I=150mA



LEDiL Oy C12913_LARISA-WW_(NCS19) Eff.83.4% / LDC (Polar)

Luminaire: LEDiL Oy C12913_LARISA-WW_(NCS19) Eff.83.4%

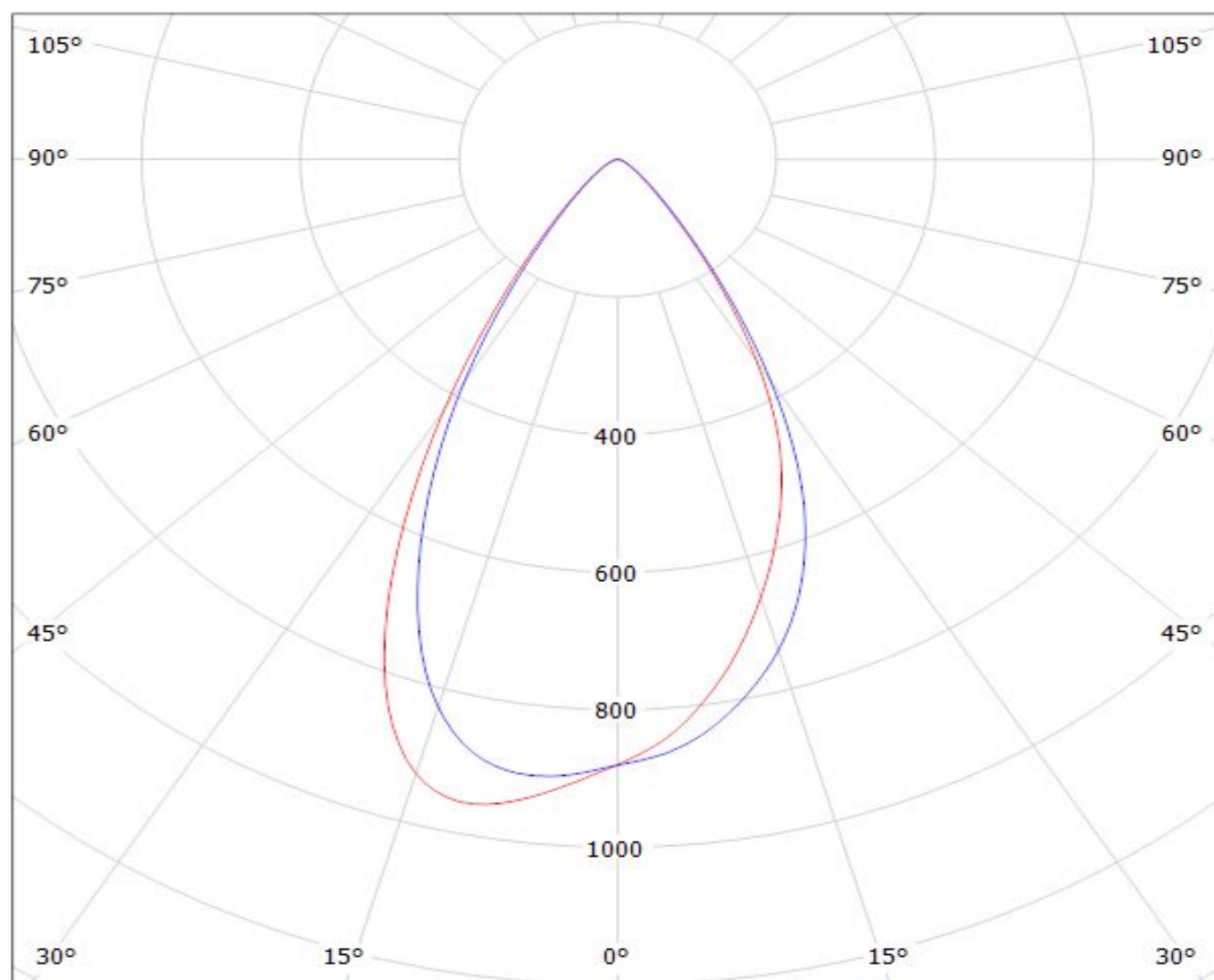
Lamps: 1 x Nichia NCS19 (88lm@250mA)



LEDiL Oy C12913_LARISA-WW_(XB-D) Eff.84.3% / LDC (Polar)

Luminaire: LEDiL Oy C12913_LARISA-WW_(XB-D) Eff.84.3%

Lamps: 1 x CREE XB-D (92.2lm@250mA)



cd/klm

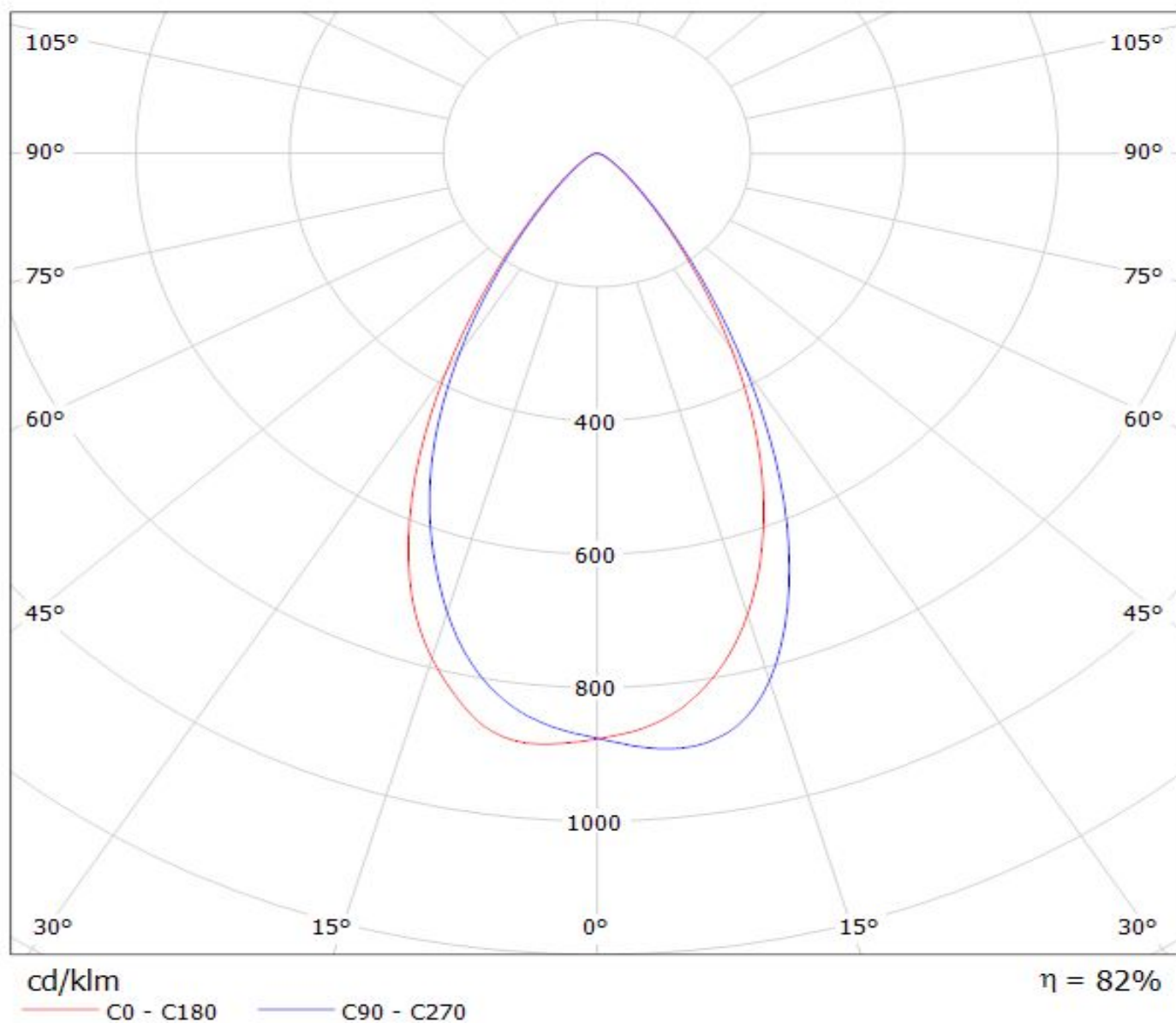
— C0 - C180

— C90 - C270

$\eta = 84\%$

LEDiL Oy C12913_LARISA-WW_(NVS19) Eff.82.3% / LDC (Polar)

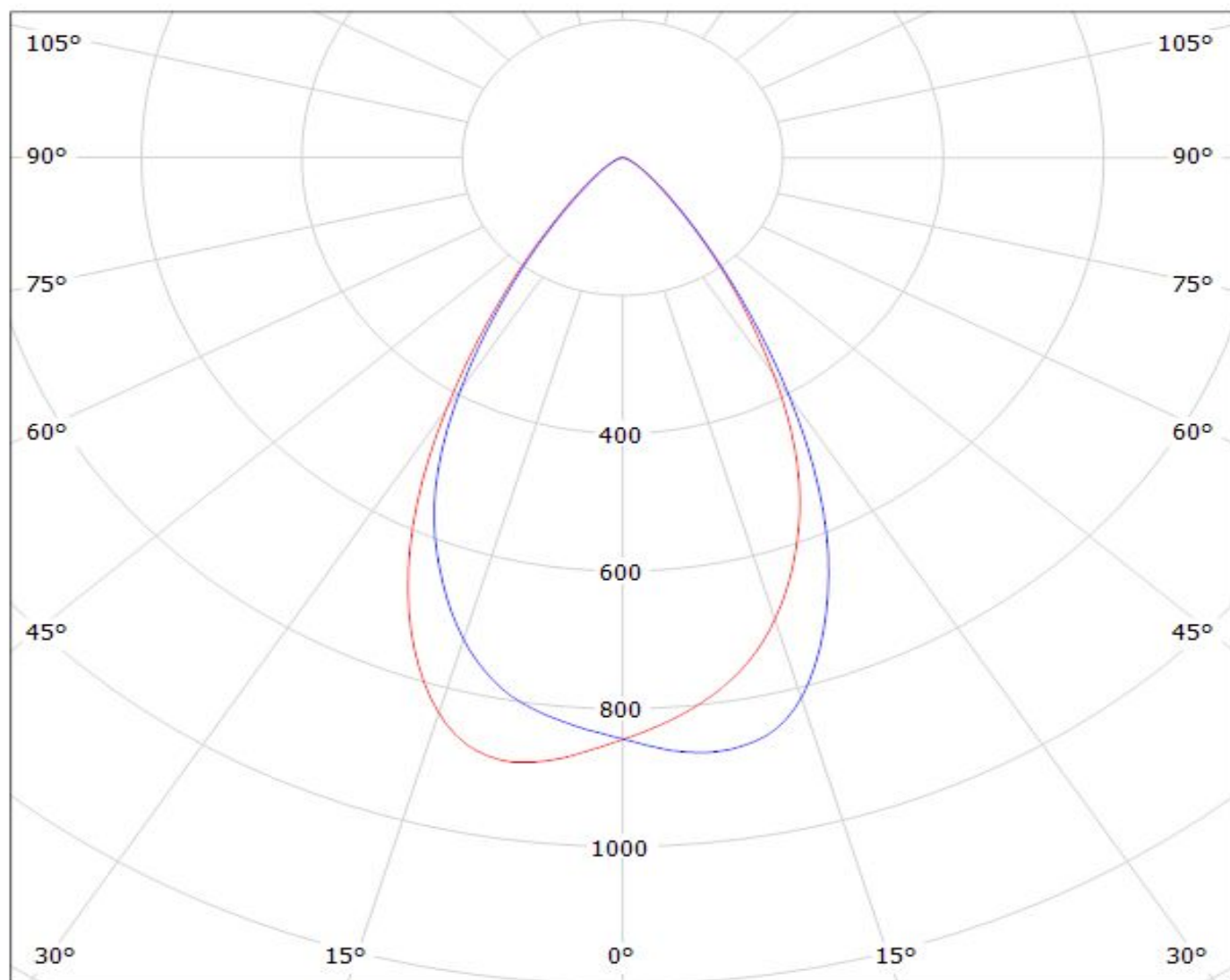
Luminaire: LEDiL Oy C12913_LARISA-WW_(NVS19) Eff.82.3%
Lamps: 1 x Nichia NVS19 (97.5lm@250mA)



LEDiL Oy C12913_LARISA-WW_(Rebel_ES) Eff.86.4% / LDC (Polar)

Luminaire: LEDiL Oy C12913_LARISA-WW_(Rebel_ES) Eff.86.4%

Lamps: 1 x Rebel ES (91.8116lm@250mA)



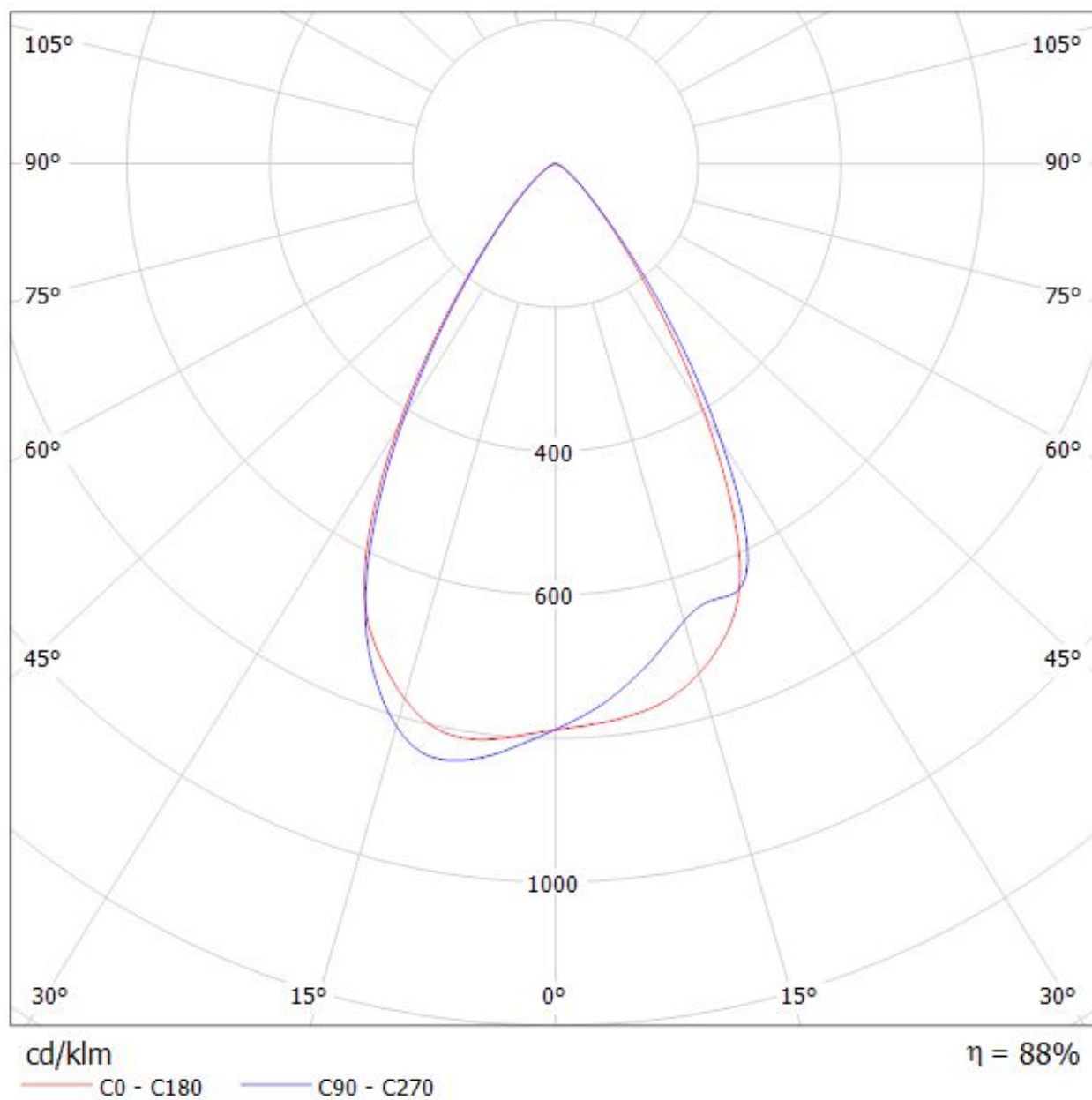
cd/klm

$\eta = 86\%$

— C0 - C180

— C90 - C270

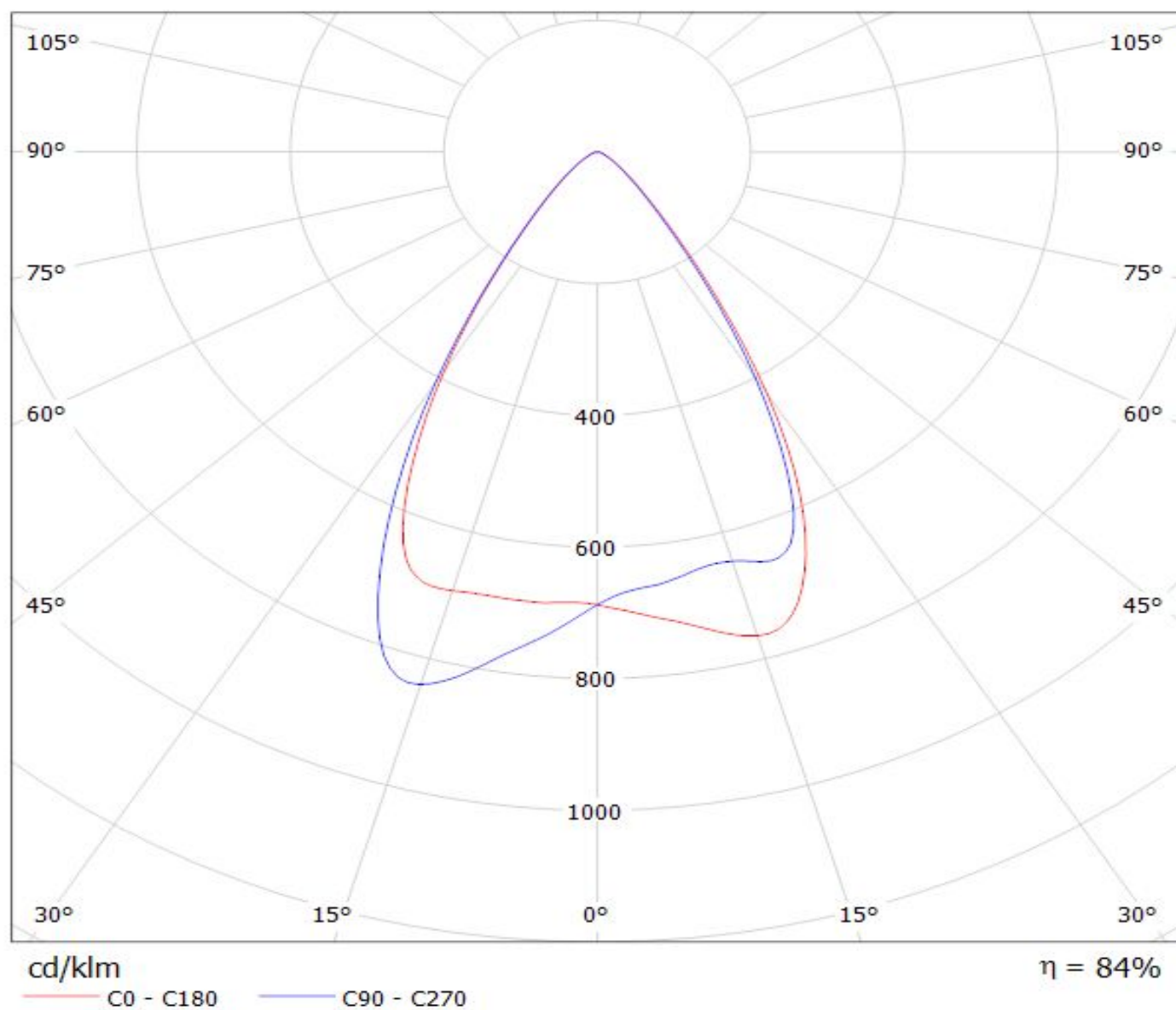
Luminaire: LEDiL Oy LARISA-WW_Rebel_(CLIP8&CLIP16) Eff.87.5%
Lamps: 1 x Rebel (80.8775lm@250mA)



LEDiL Oy C12913_LARISA-WW_(SSL80) Eff.84.2% / LDC (Polar)

Luminaire: LEDiL Oy C12913_LARISA-WW_(SSL80) Eff.84.2%

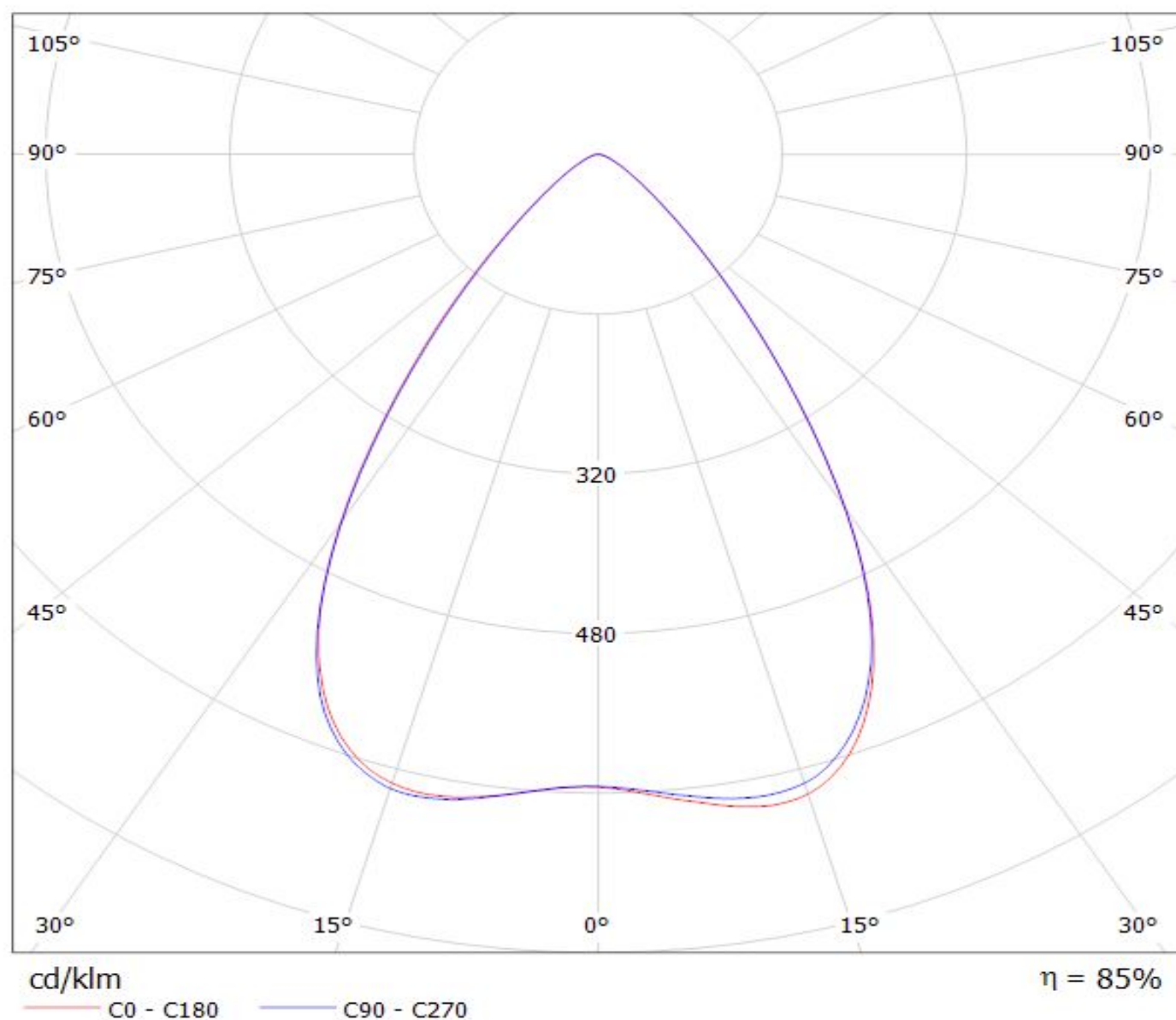
Lamps: 1 x Osram SSL80 (81.3lm@250mA)



LEDiL Oy C12913_LARISA-WW_(Luxeon_A) Eff.85.5% / LDC (Polar)

Luminaire: LEDiL Oy C12913_LARISA-WW_(Luxeon_A) Eff.85.5%

Lamps: 1 x Luxeon_A (66.4lm@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.