

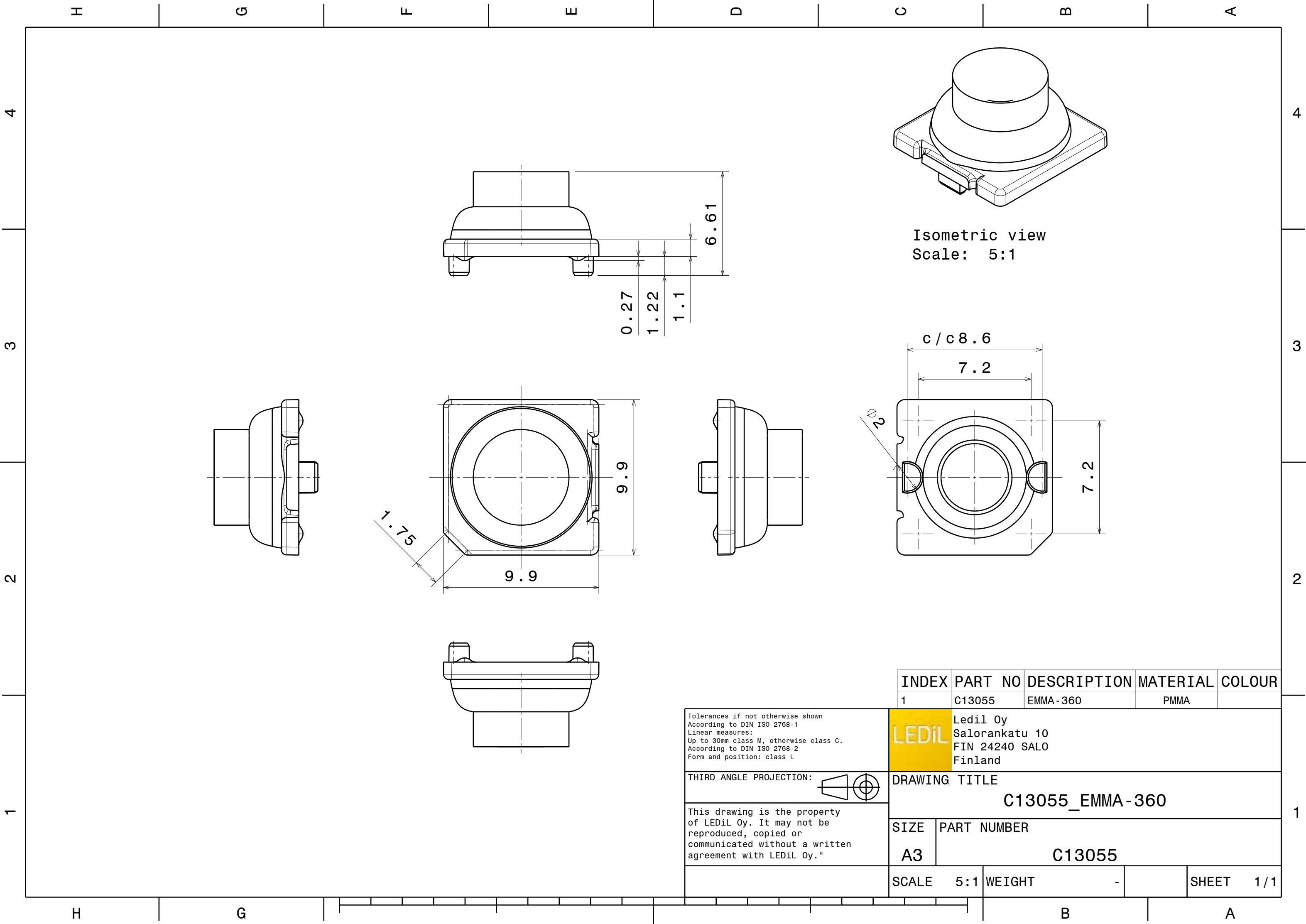
DETAILS

Product Number	C13055_EMMA-360
Family	Emma
Type	Lens
Color	clear
Diameter	9.9x9.9 mm
Height	5,7 mm
Style	square
Optic Material	PMMA
Holder Material	
Fastening	pin, glue
Status	ready
ROHS Compliant	Yes
Date Updated	14/02/2014

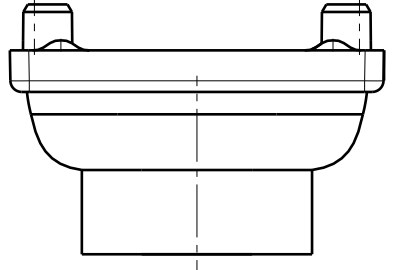
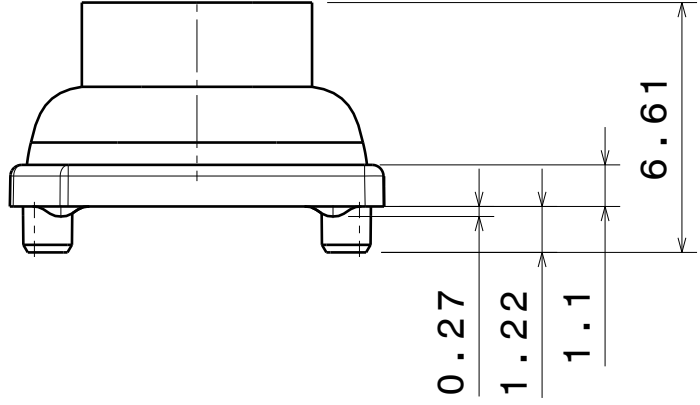
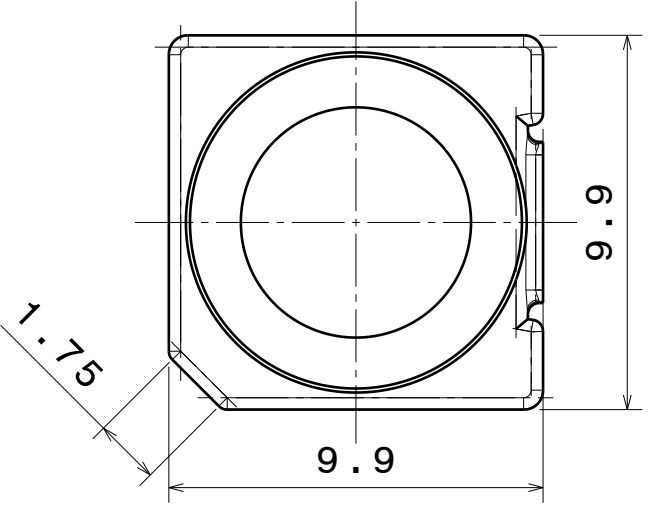
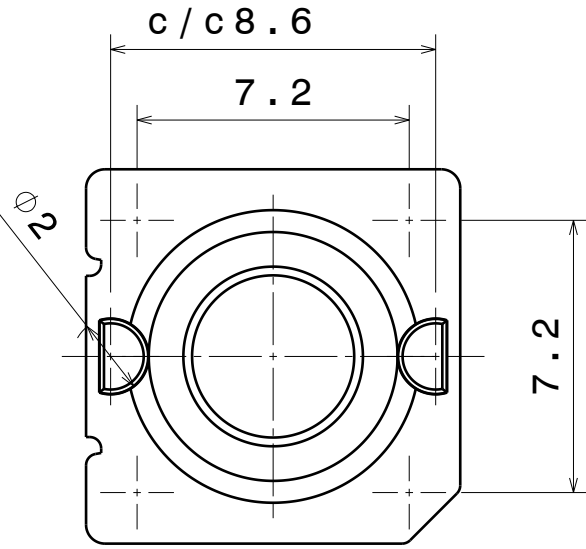


OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	connector
NCSxx19A	165 degrees		90 %	0.420	-
LUXEON Rebel	165 degrees		93 %	0.530	-
XB-D	170 degrees		93 %	0.440	-
Oslon Square EC	170 degrees		92 %	0.420	-
XP-E2	172 degrees		94 %	0.430	-
XP-G2	172 degrees		90 %	0.410	-
XP-G	173 degrees		88 %	0.390	-
LUXEON A	173 degrees		92 %	0.370	-



Isometric view
Scale: 5:1

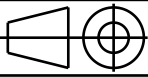


INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C13055	EMMA-360	PMMA	

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 Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:



DRAWING TITLE
C13055_EMMA-360

This drawing is the property
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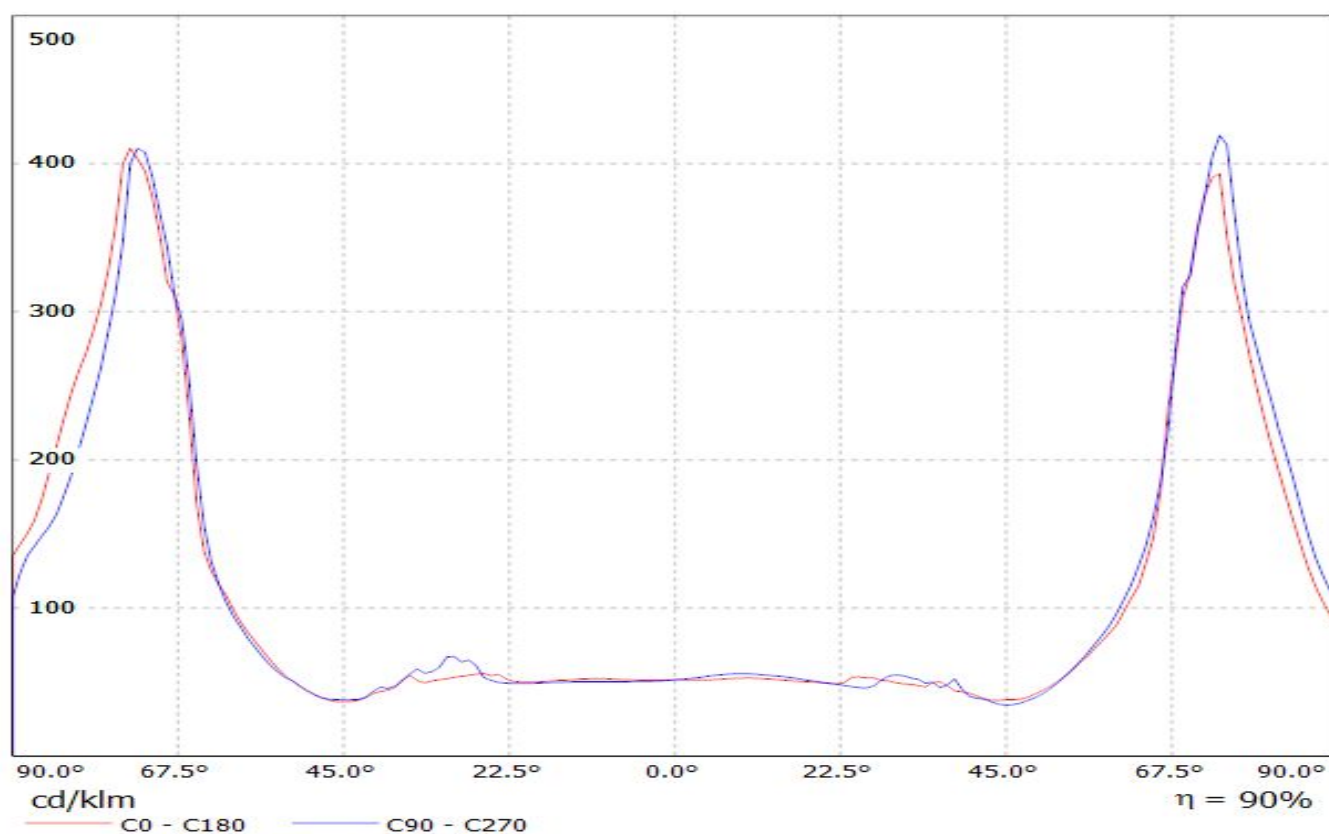
SIZE	PART NUMBER
A3	C13055

SCALE	5:1	WEIGHT	-	SHEET	1/1
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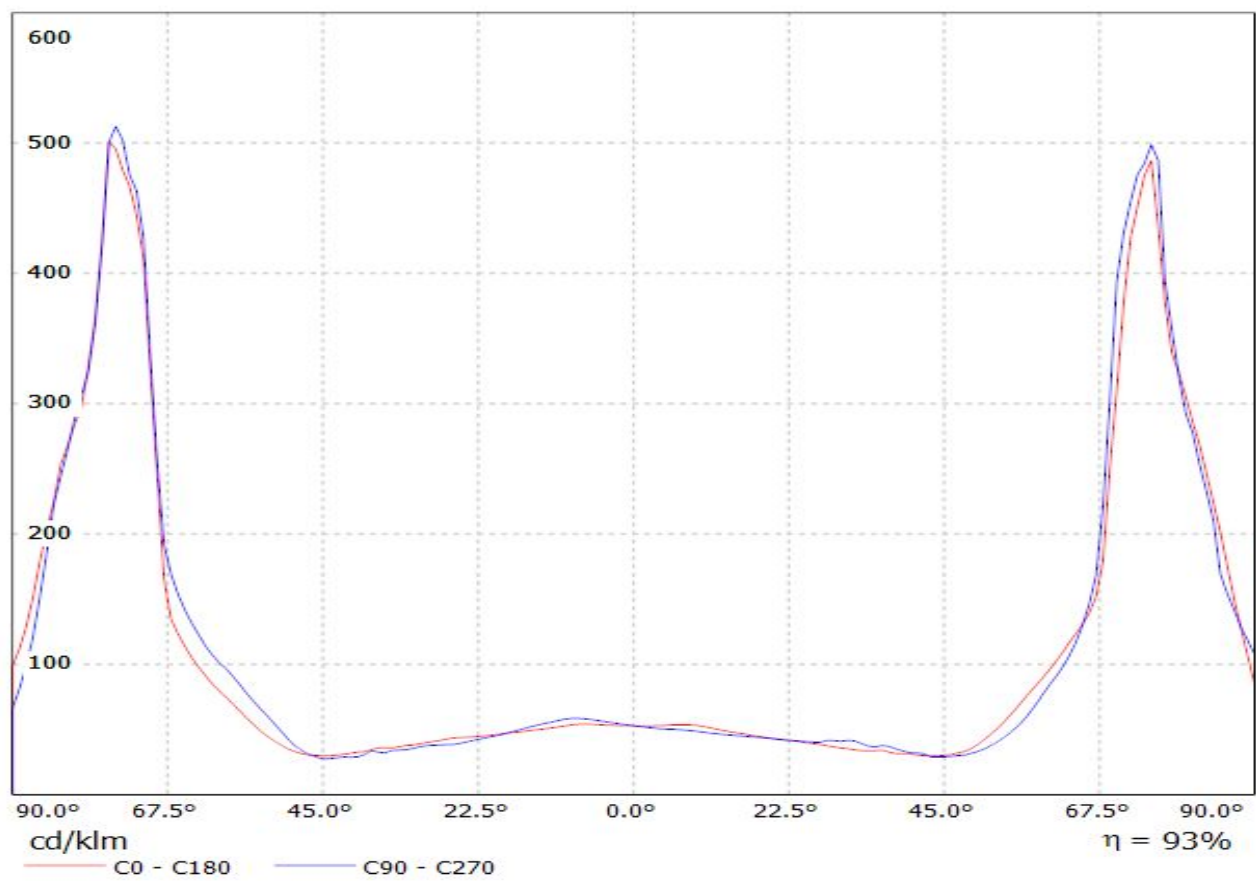
LEDiL Oy C13055_EMMA-360_(NCS19) Eff.89.9% / LDC (Linear)

Luminaire: LEDiL Oy C13055_EMMA-360_(NCS19) Eff.89.9%

Lamps: 1 x NCS19 (87.3755lm@250mA)



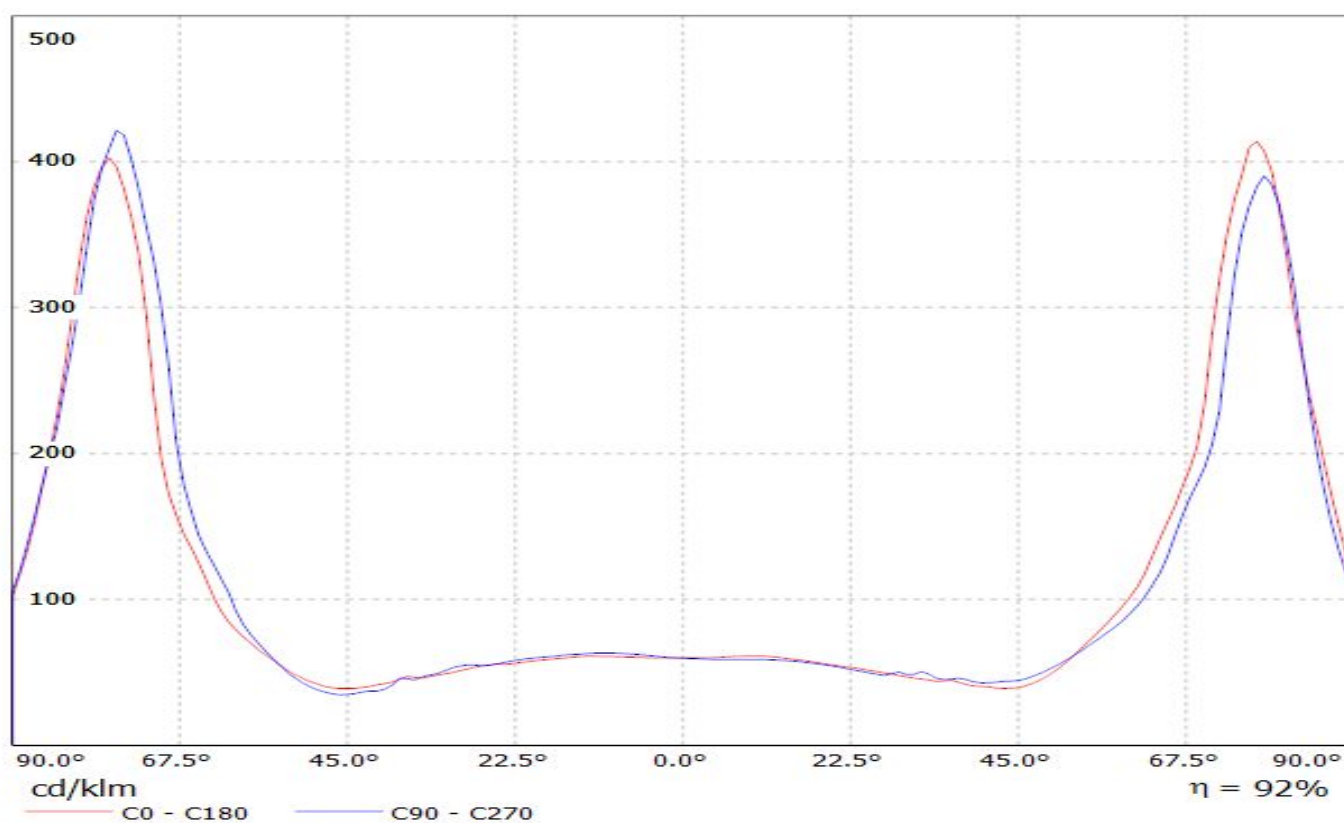
Luminaire: LEDiL Oy C13055_EMMA-360_(Rebel) Eff.92.9%
Lamps: 1 x Rebel (81.7199lm@250mA)



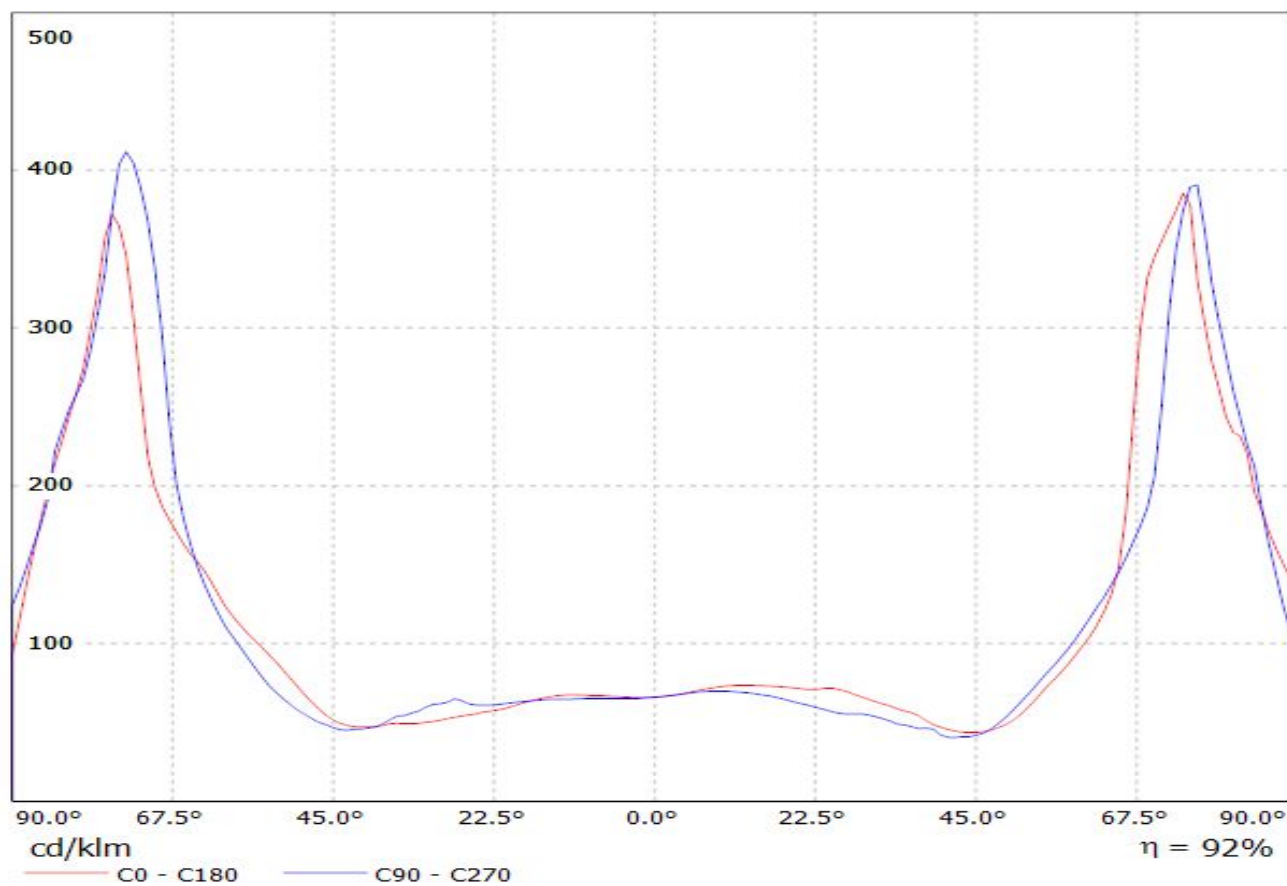
LEDiL Oy C13055_EMMA-360_(XB-D) Eff.92.2% / LDC (Linear)

Luminaire: LEDiL Oy C13055_EMMA-360_(XB-D) Eff.92.2%

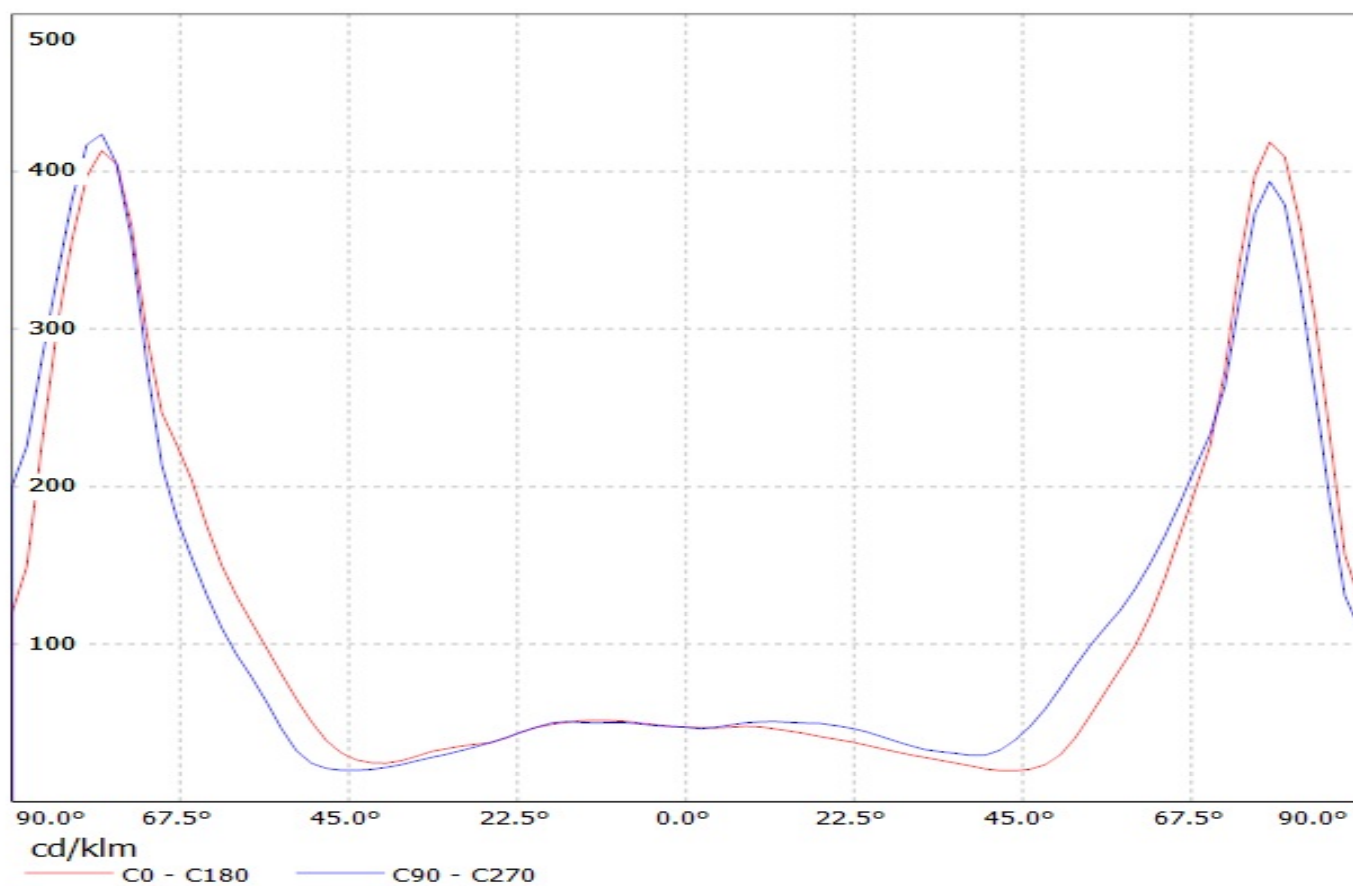
Lamps: 1 x XB-D (91.5003lm@250mA)



Luminaire: LEDiL Oy C13055_EMMA-360_(SQ-EC) Eff.91.9%
Lamps: 1 x SQ-EC (67.7108lm@250mA)



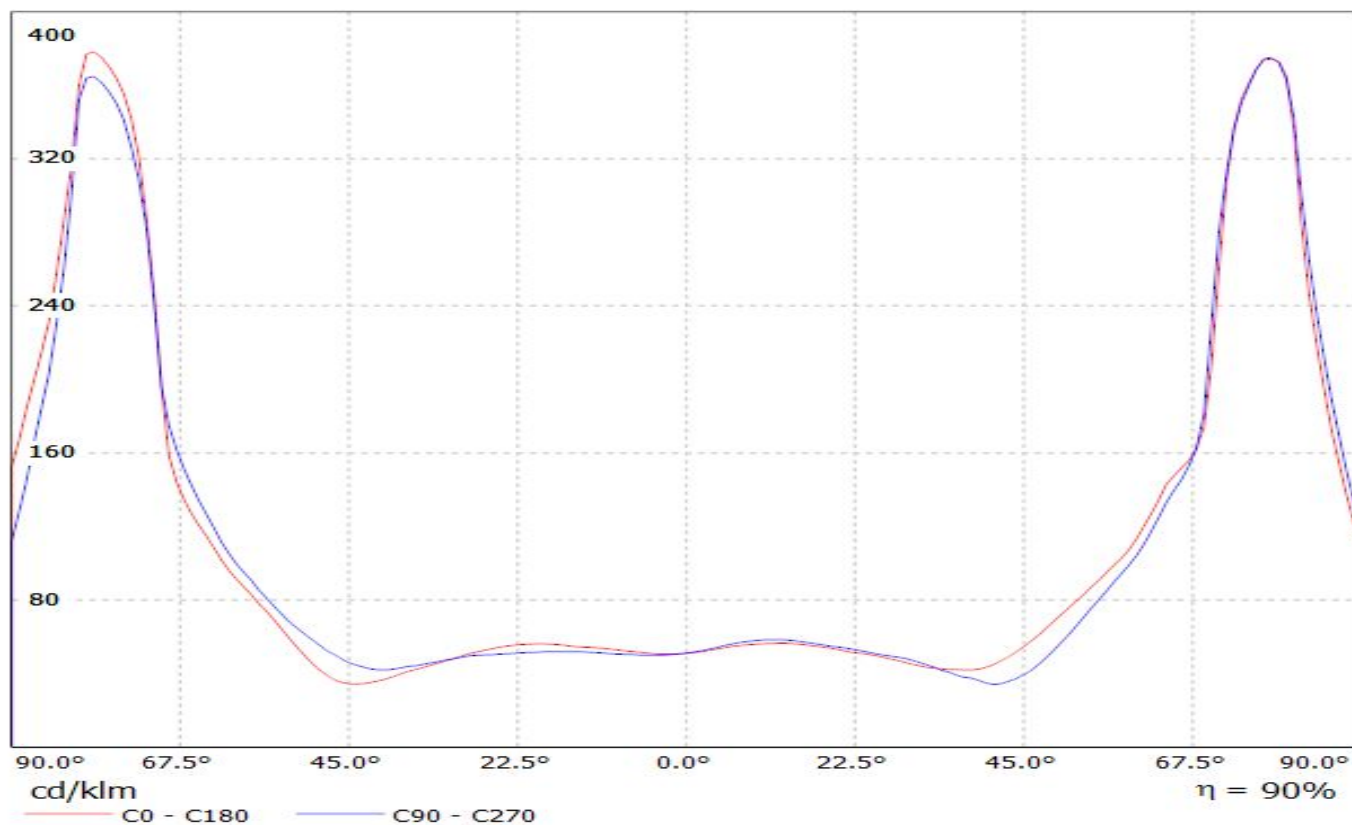
Luminaire: LEDil Oy C13055_EMMA-360_(XP-E2) Efficiency=94%
Lamps: 1 x Cree XP-E2 (XPE-BWT-L1-7B4-Q4-0-01) 84.8lm @ 250mA CCT=3200K P=0.8W I=250mA



LEDiL Oy C13055_EMMA-360_(XP-G2) Eff.89.6% / LDC (Linear)

Luminaire: LEDiL Oy C13055_EMMA-360_(XP-G2) Eff.89.6%

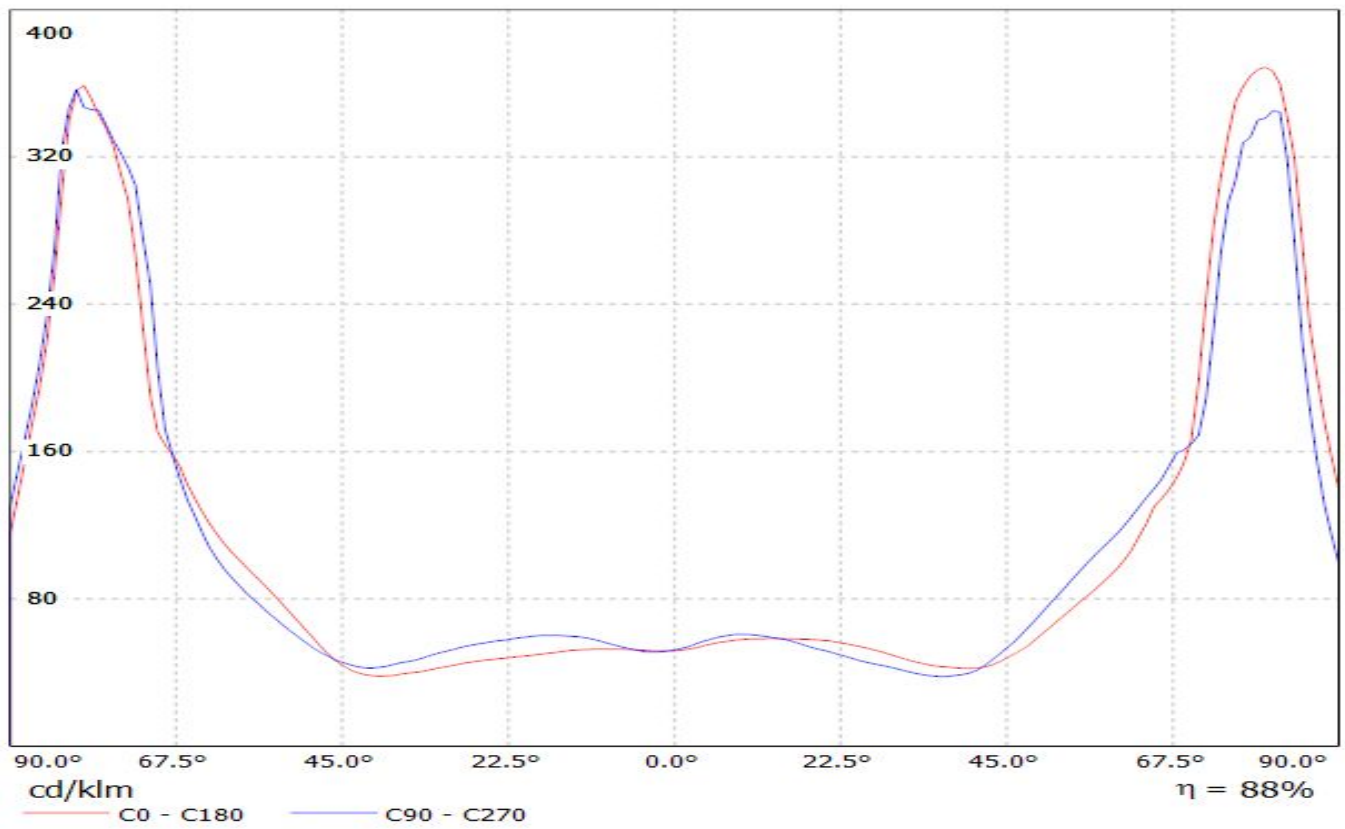
Lamps: 1 x XP-G2 (105.532lm@250mA)



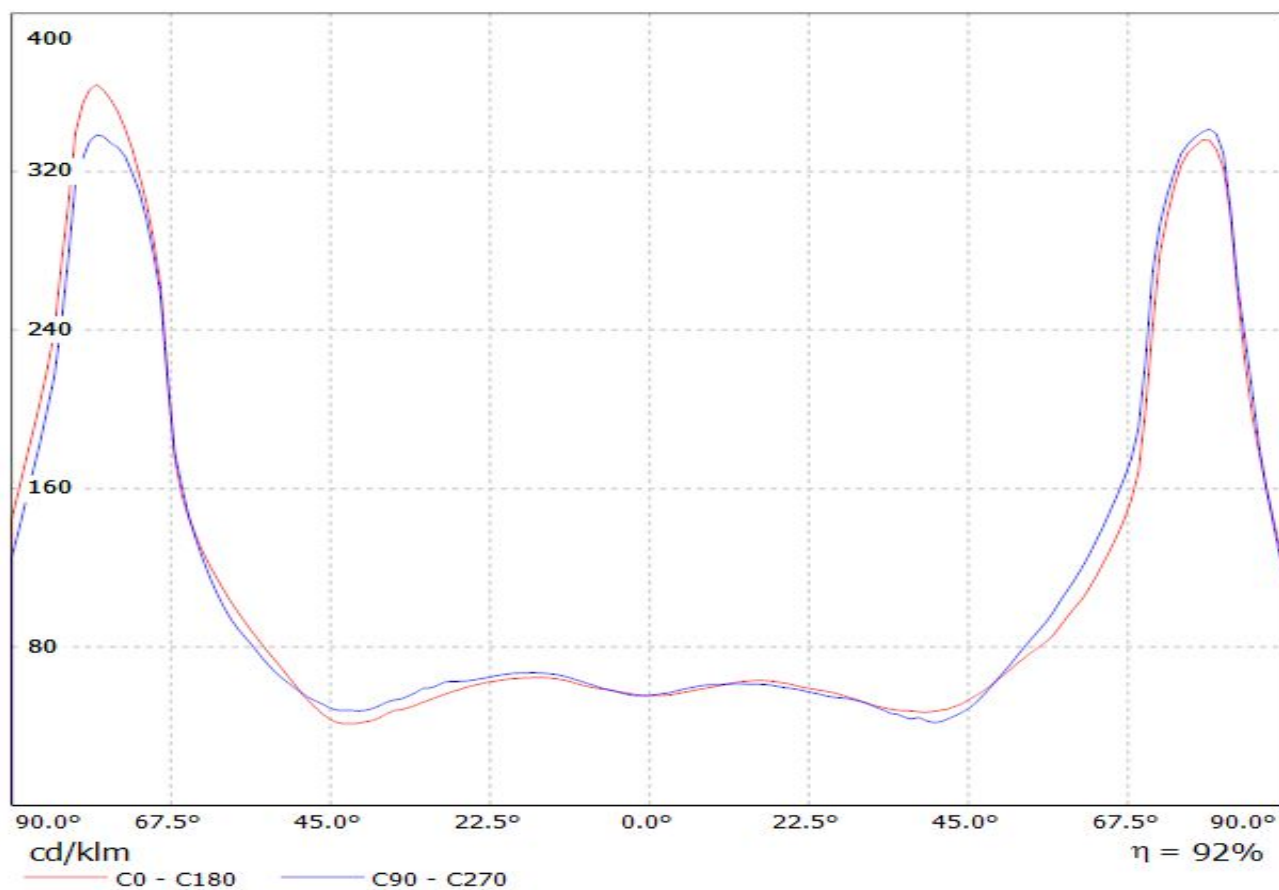
LEDiL Oy C13055_EMMA-360_(XP-G) Eff.88.5% / LDC (Linear)

Luminaire: LEDiL Oy C13055_EMMA-360_(XP-G) Eff.88.5%

Lamps: 1 x XP-G (70.4694lm@250mA)



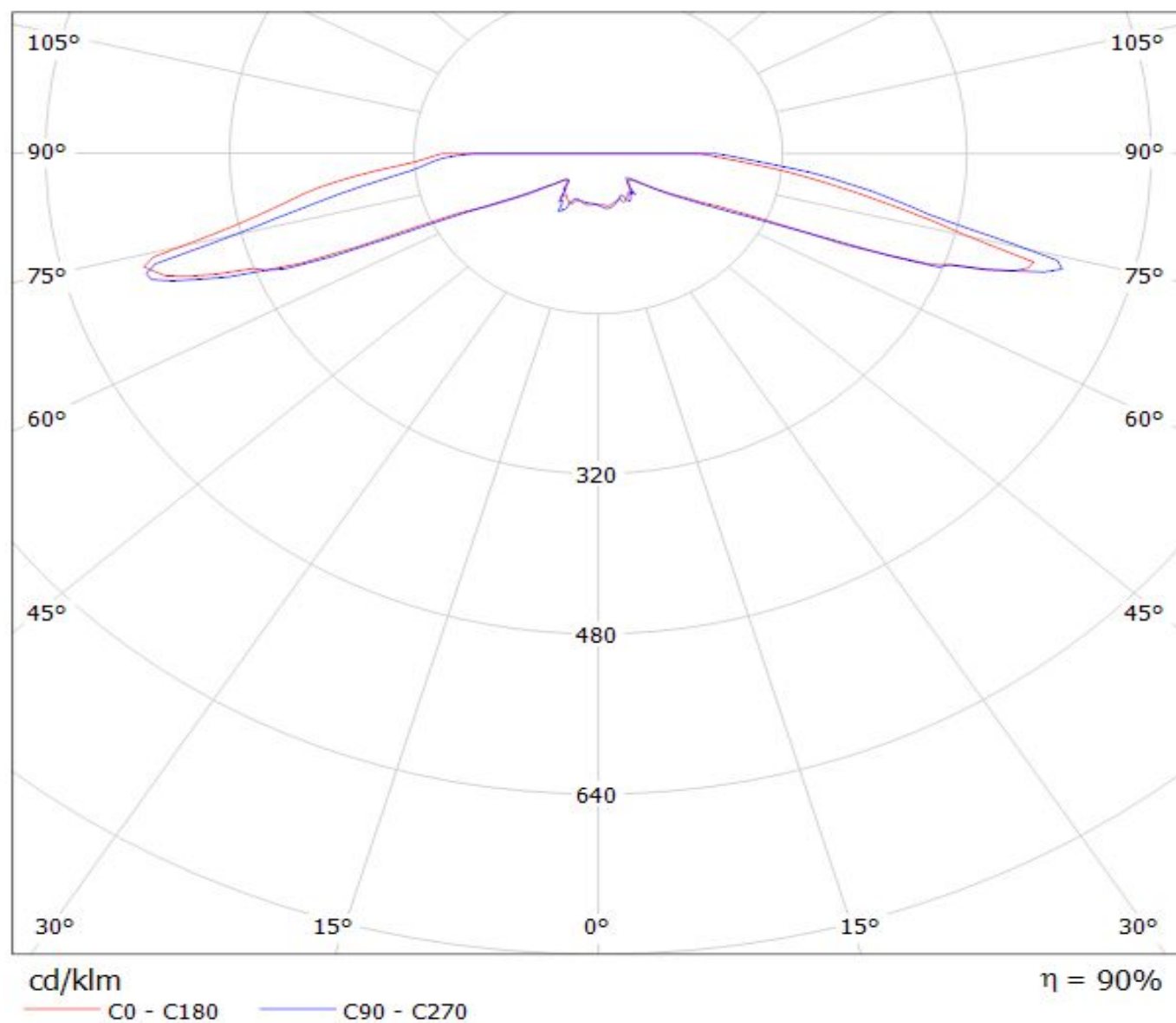
Luminaire: LEDiL Oy C13055_EMMA-360_(Luxeon_A) Eff.92.5%
Lamps: 1 x Luxeon_A (64.956lm@250mA)



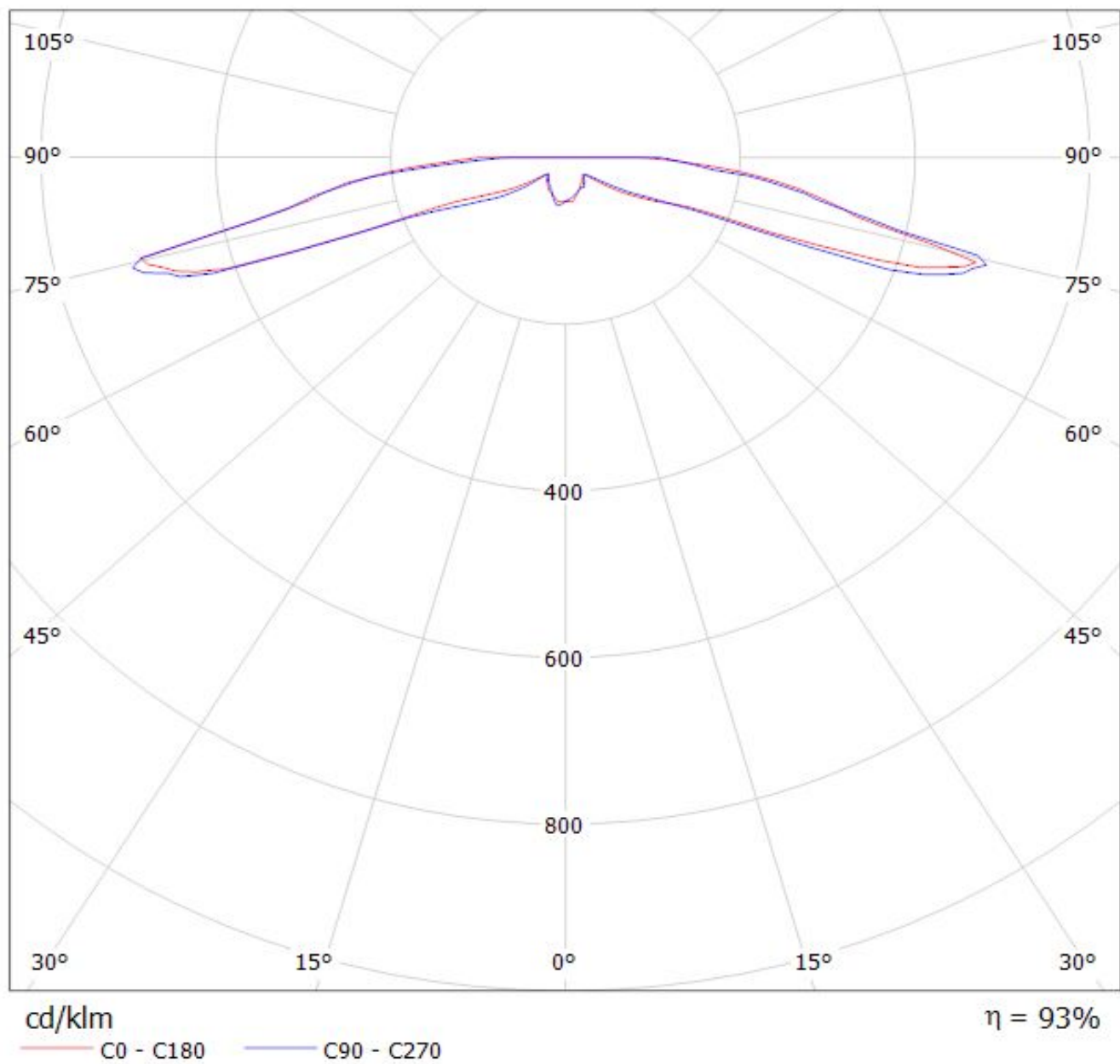
LEDiL Oy C13055_EMMA-360_(NCS19) Eff.89.9% / LDC (Polar)

Luminaire: LEDiL Oy C13055_EMMA-360_(NCS19) Eff.89.9%

Lamps: 1 x NCS19 (87.3755lm@250mA)



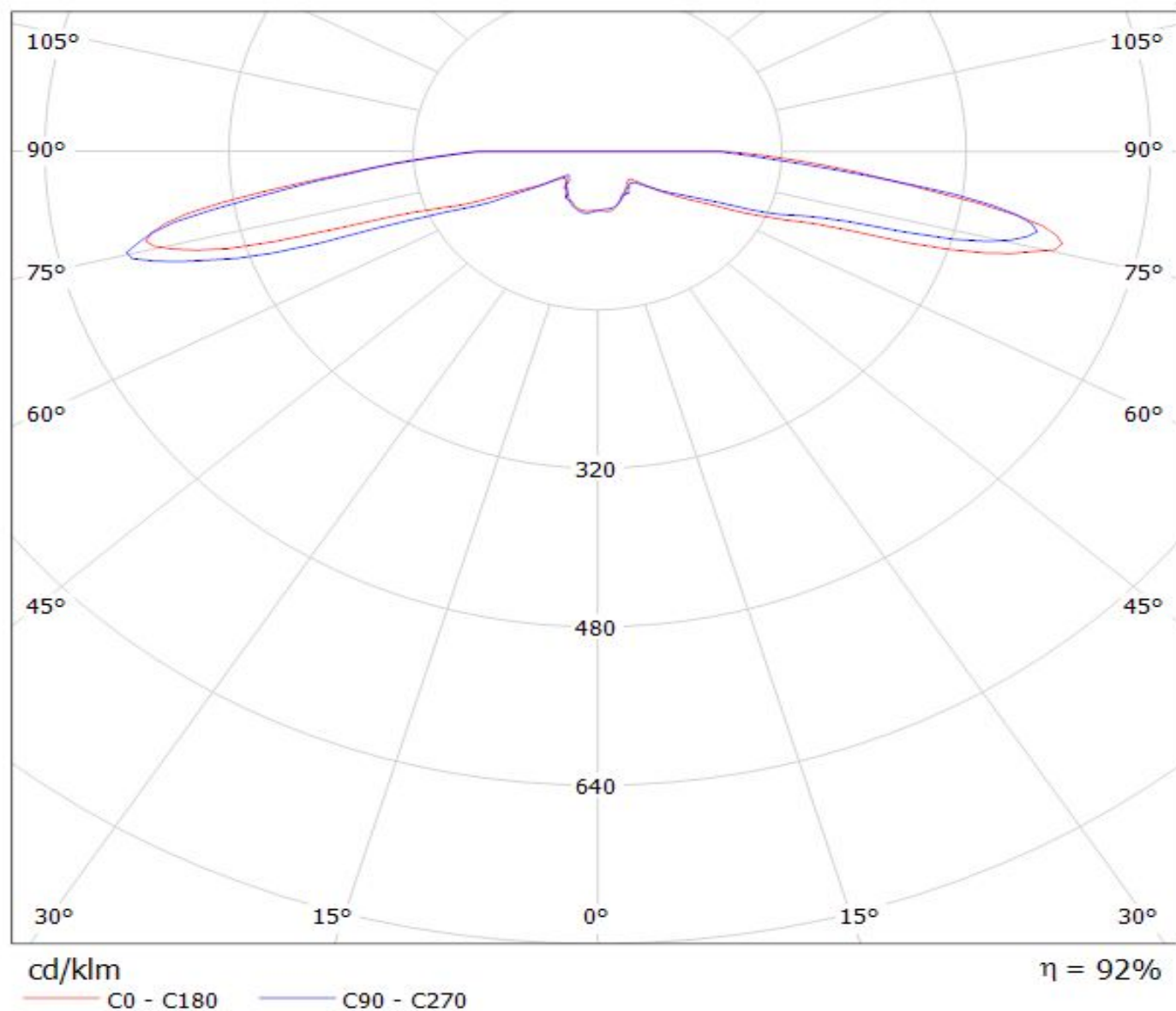
Luminaire: LEDiL Oy C13055_EMMA-360_(Rebel) Eff.92.9%
Lamps: 1 x Rebel (81.7199lm@250mA)



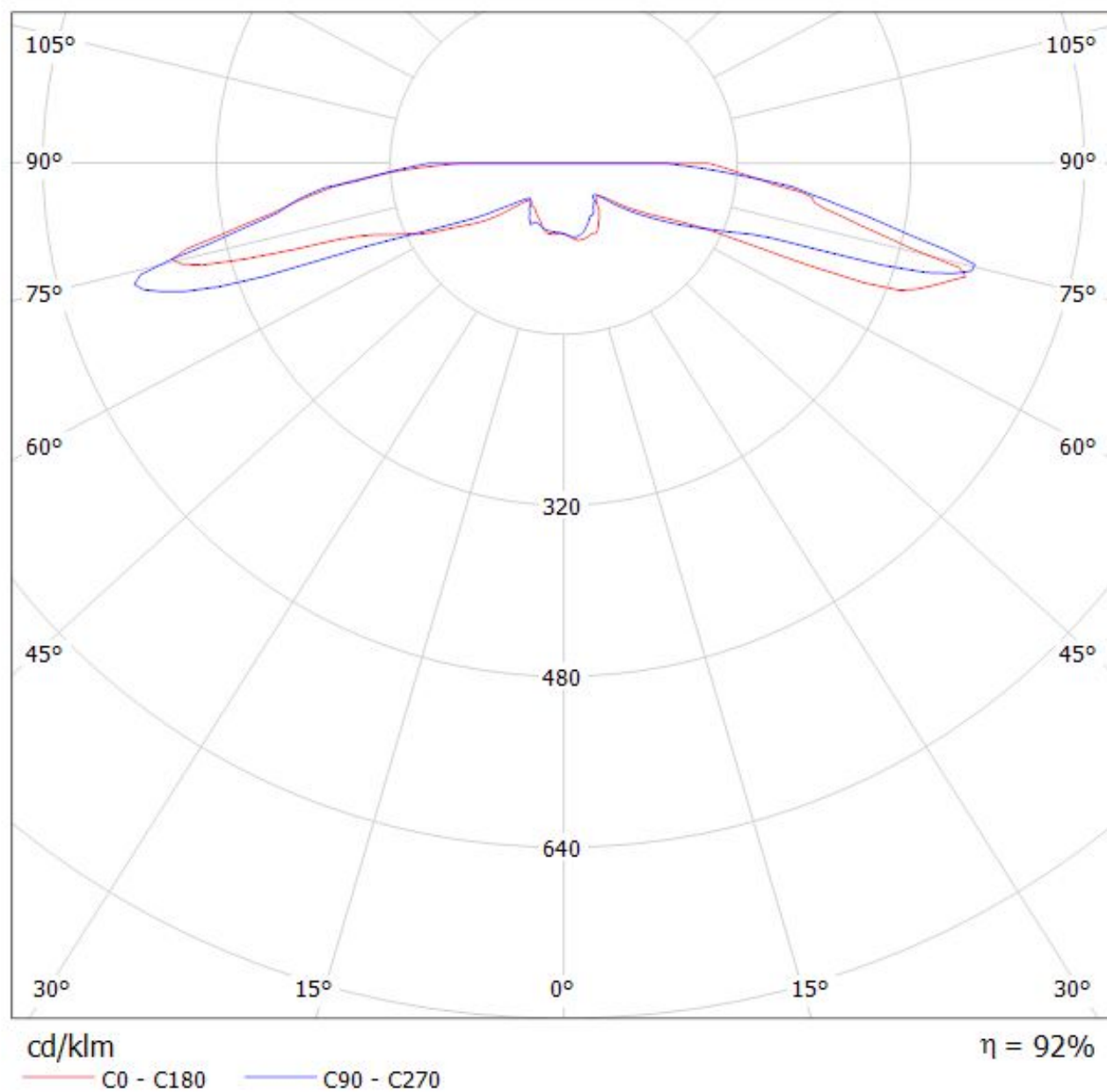
LEDiL Oy C13055_EMMA-360_(XB-D) Eff.92.2% / LDC (Polar)

Luminaire: LEDiL Oy C13055_EMMA-360_(XB-D) Eff.92.2%

Lamps: 1 x XB-D (91.5003lm@250mA)

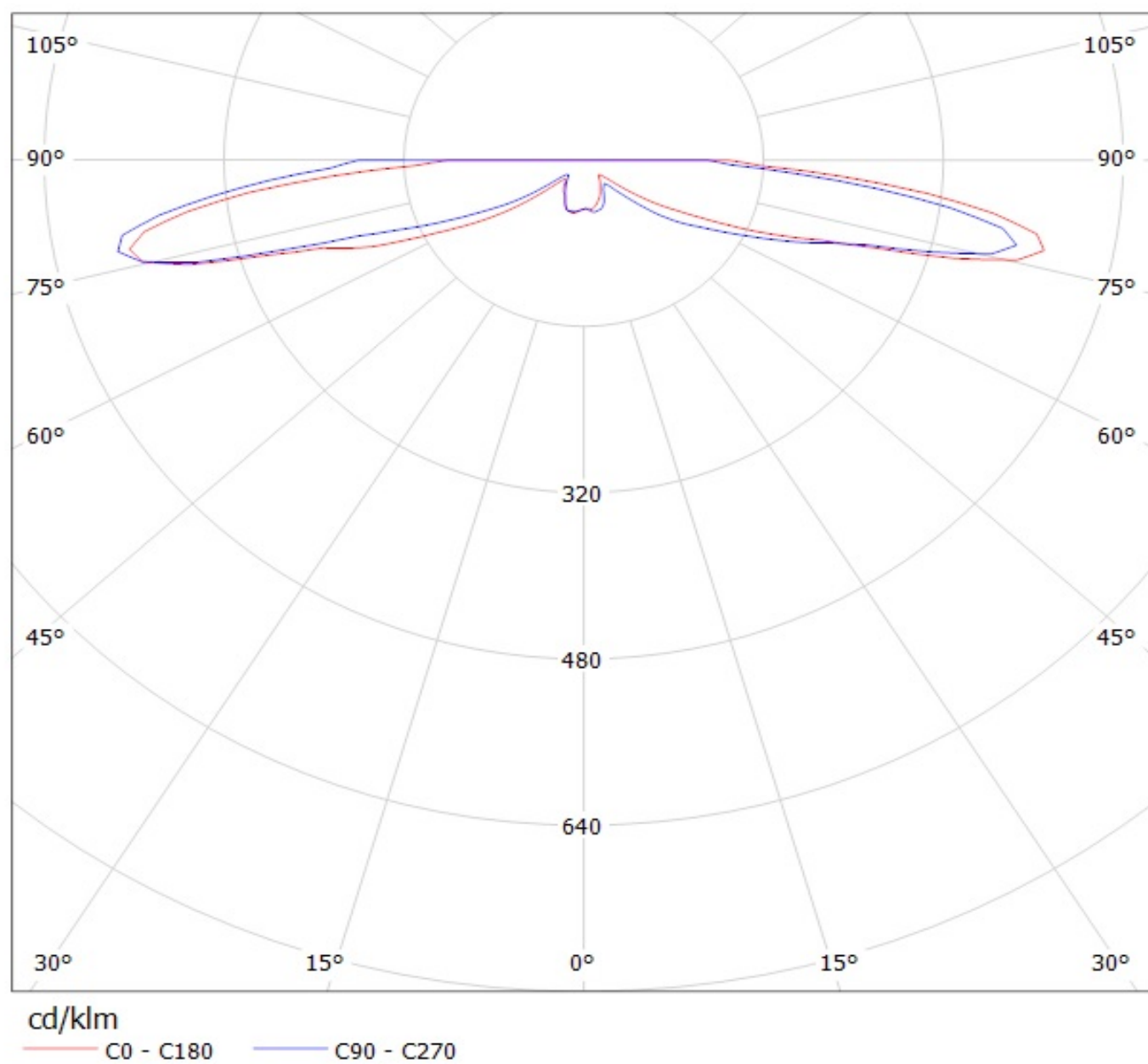


Luminaire: LEDiL Oy C13055_EMMA-360_(SQ-EC) Eff.91.9%
Lamps: 1 x SQ-EC (67.7108lm@250mA)



Luminaire: LEDil Oy C13055_EMMA-360_(XP-E2) Efficiency=94%

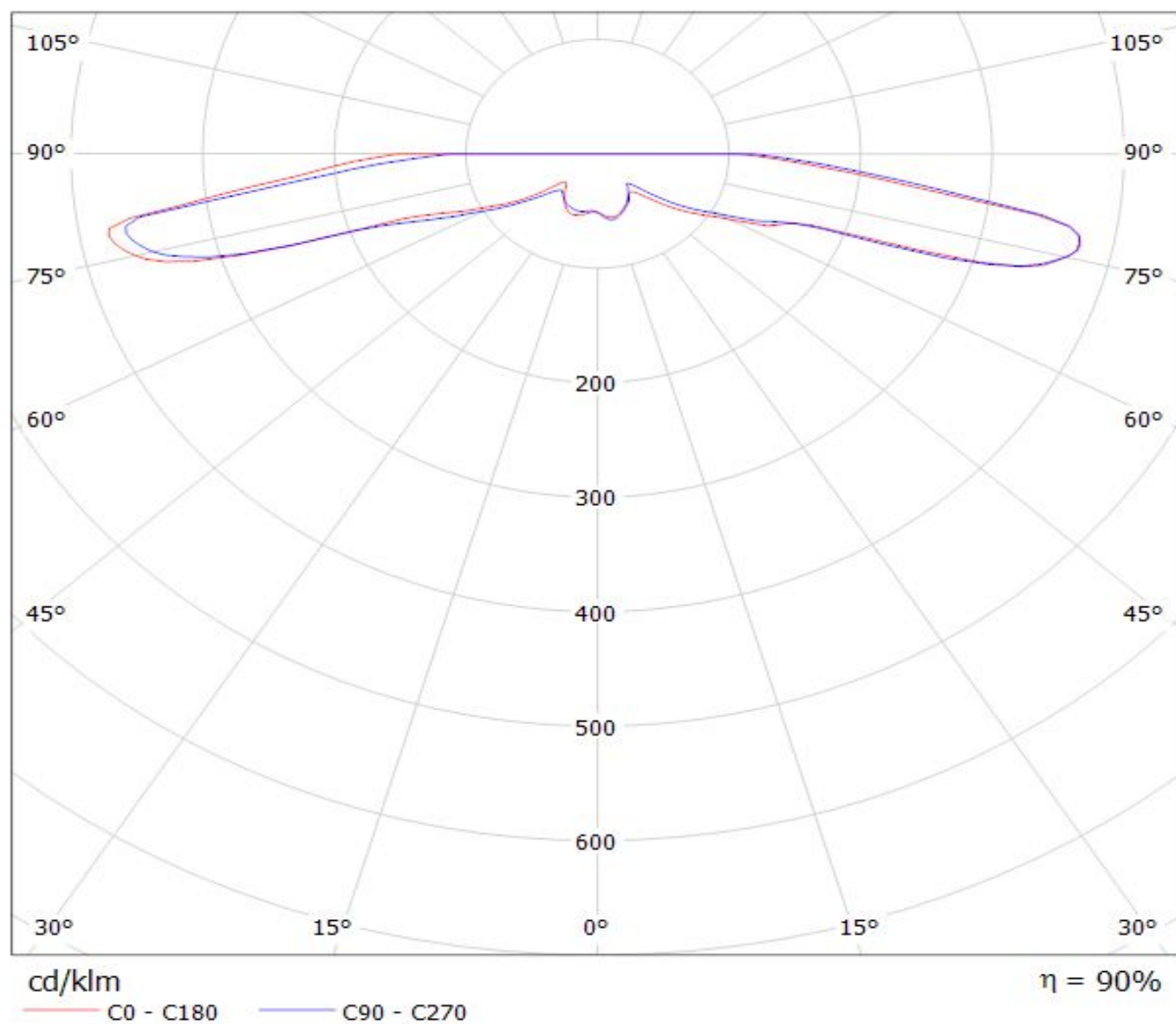
Lamps: 1 x Cree XP-E2 (XPE-BWT-L1-7B4-Q4-0-01) 84.8lm @ 250mA CCT=3200K P=0.8W I=250mA



LEDiL Oy C13055_EMMA-360_(XP-G2) Eff.89.6% / LDC (Polar)

Luminaire: LEDiL Oy C13055_EMMA-360_(XP-G2) Eff.89.6%

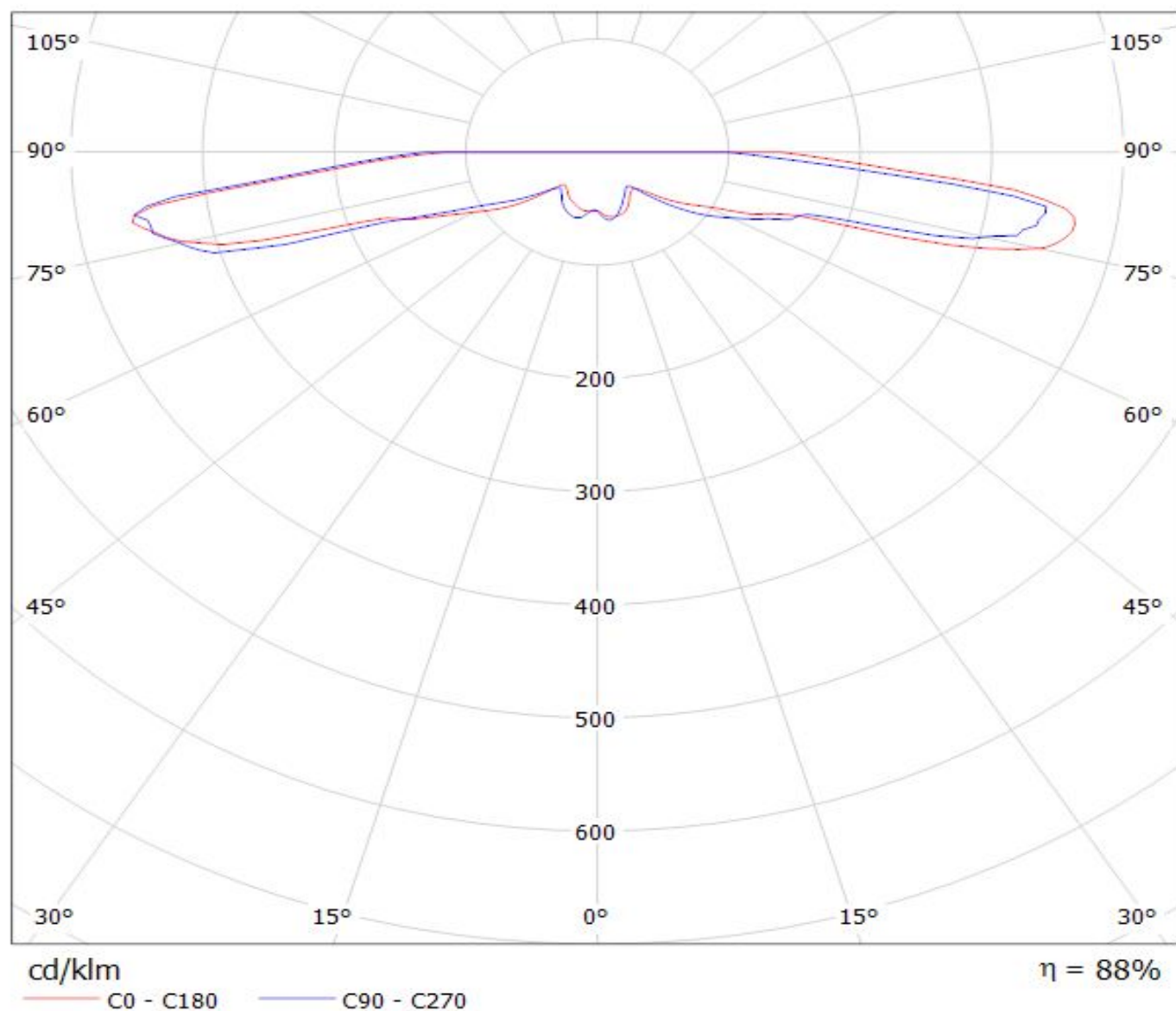
Lamps: 1 x XP-G2 (105.532lm@250mA)



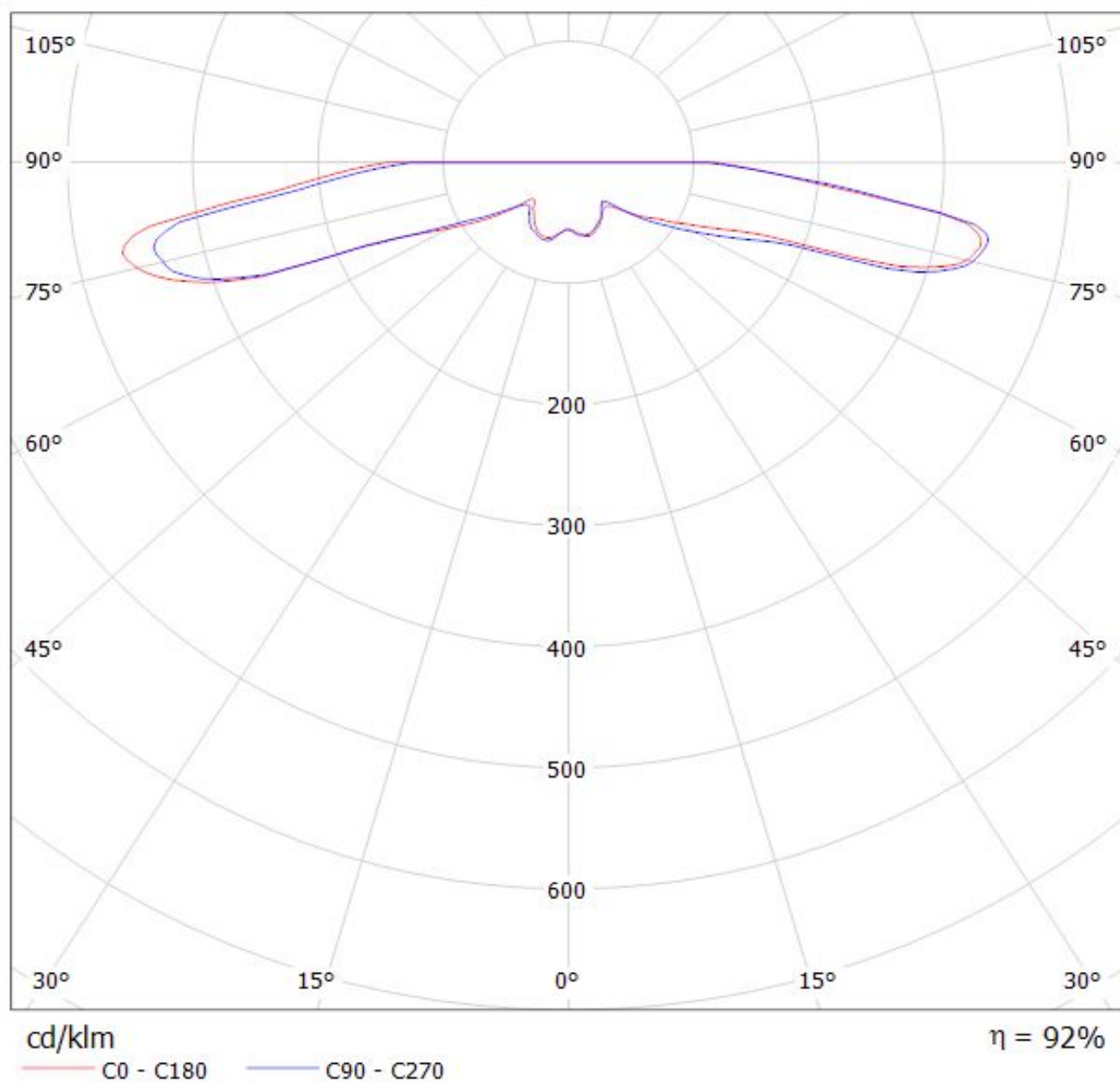
LEDiL Oy C13055_EMMA-360_(XP-G) Eff.88.5% / LDC (Polar)

Luminaire: LEDiL Oy C13055_EMMA-360_(XP-G) Eff.88.5%

Lamps: 1 x XP-G (70.4694lm@250mA)



Luminaire: LEDiL Oy C13055_EMMA-360_(Luxeon_A) Eff.92.5%
Lamps: 1 x Luxeon_A (64.956lm@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.