

DETAILS

Product Number	FCN13692_ANGELINA-M
Family	ANGELINA
Type	RefPack
Color	metal
Diameter	82 mm
Height	36,04 mm
Style	round
Optic Material	
Holder Material	
Fastening	
Status	production ready
ROHS Compliant	Yes
Date Updated	3/11/2016



OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
VERO29	51 deg	Medium	90 %	1.000	LEDiL: LEDiL
CLL04x/CLU04x	42 deg	Medium	92 %	1.100	Bender Wirth: 431 Typ L3
LUXEON CoB 1211	42 deg	Medium	92 %	1.100	Bender Wirth: 431 Typ L3
Solericq S19	35 deg	Medium	91 %	1.300	Bender Wirth: 462 Typ L3
MJT COB LES 22	44 deg	Medium	90 %	1.100	Bender Wirth: 431 Typ L3

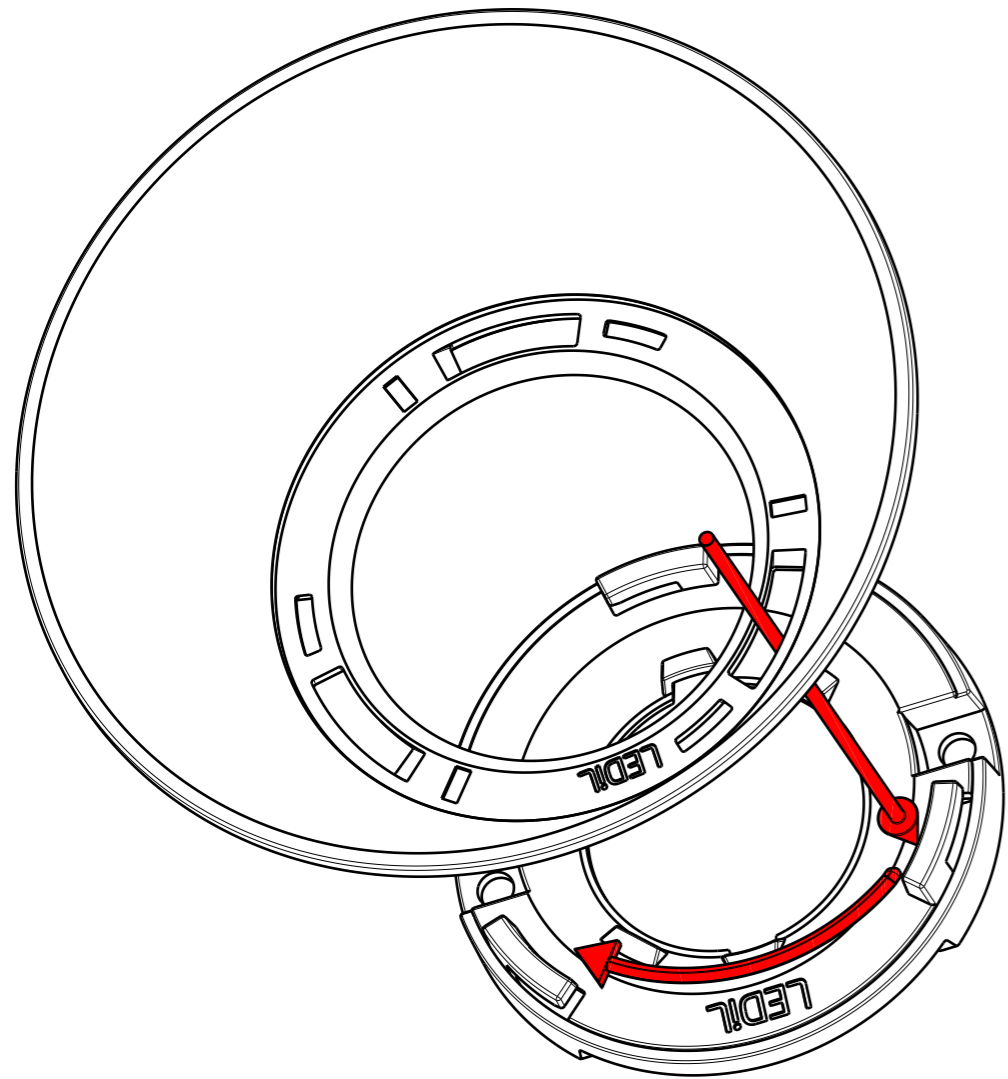
H G F E D C B A

4

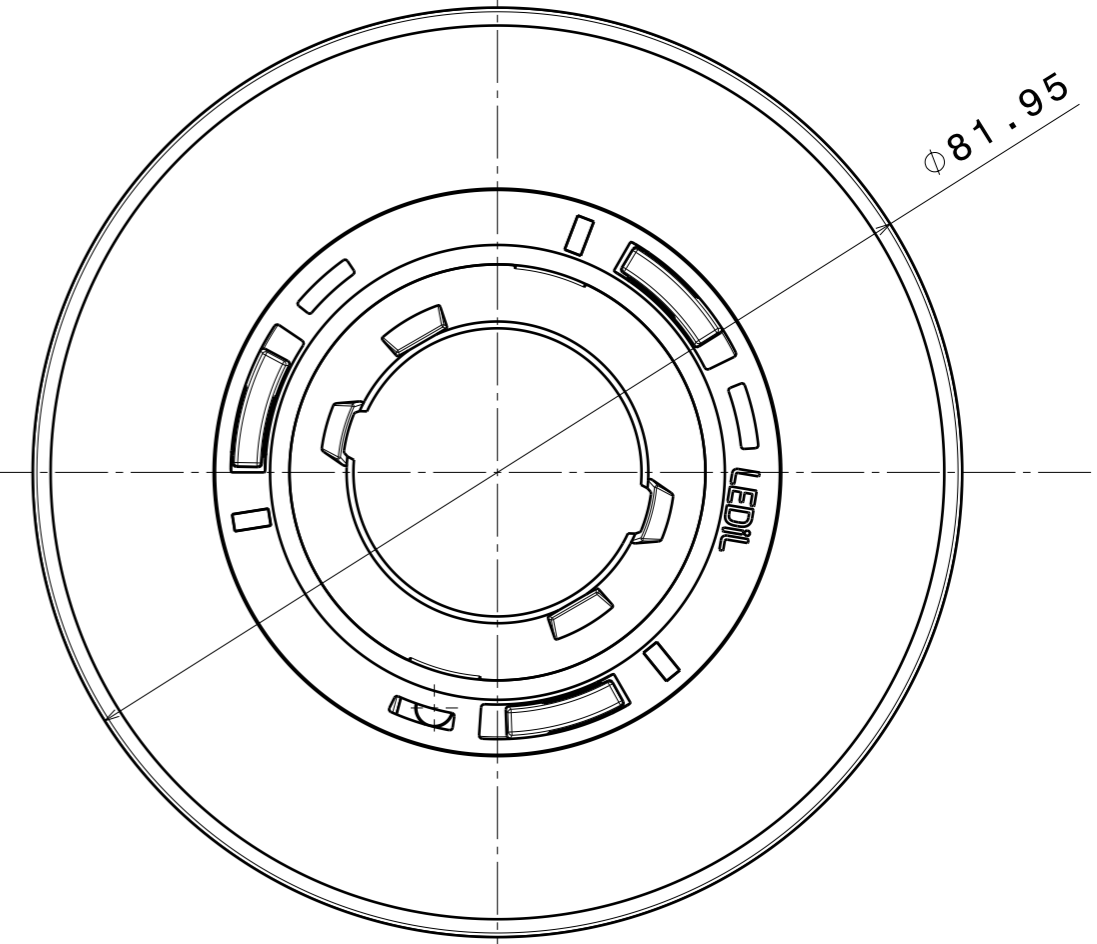
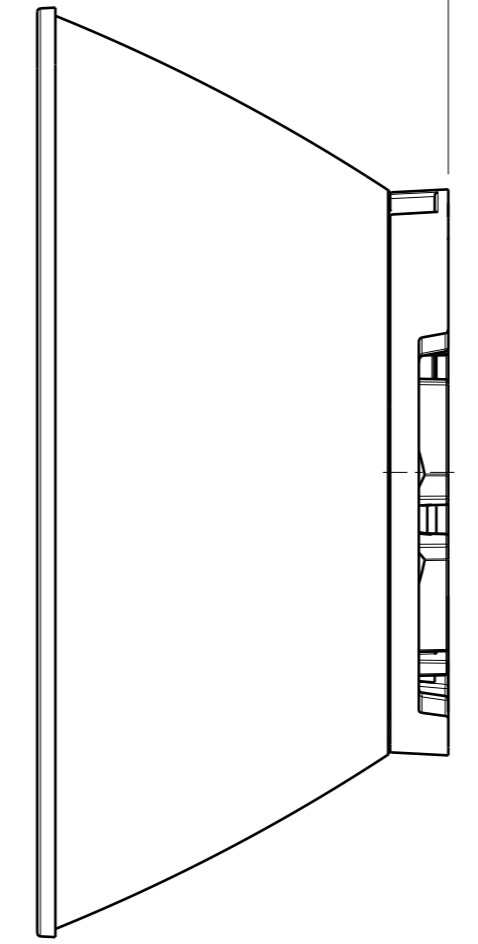
3

2

1



31 + Basepart



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
Datasheet_ANGELINA + CLAMP

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 of LEDiL Oy. It may not be
 reproduced, copied or
 communicated without a written
 agreement with LEDiL Oy.

SIZE	PART NUMBER		
A3	-		

SCALE	3:2	WEIGHT	(g)	SHEET	1/1
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H G B A

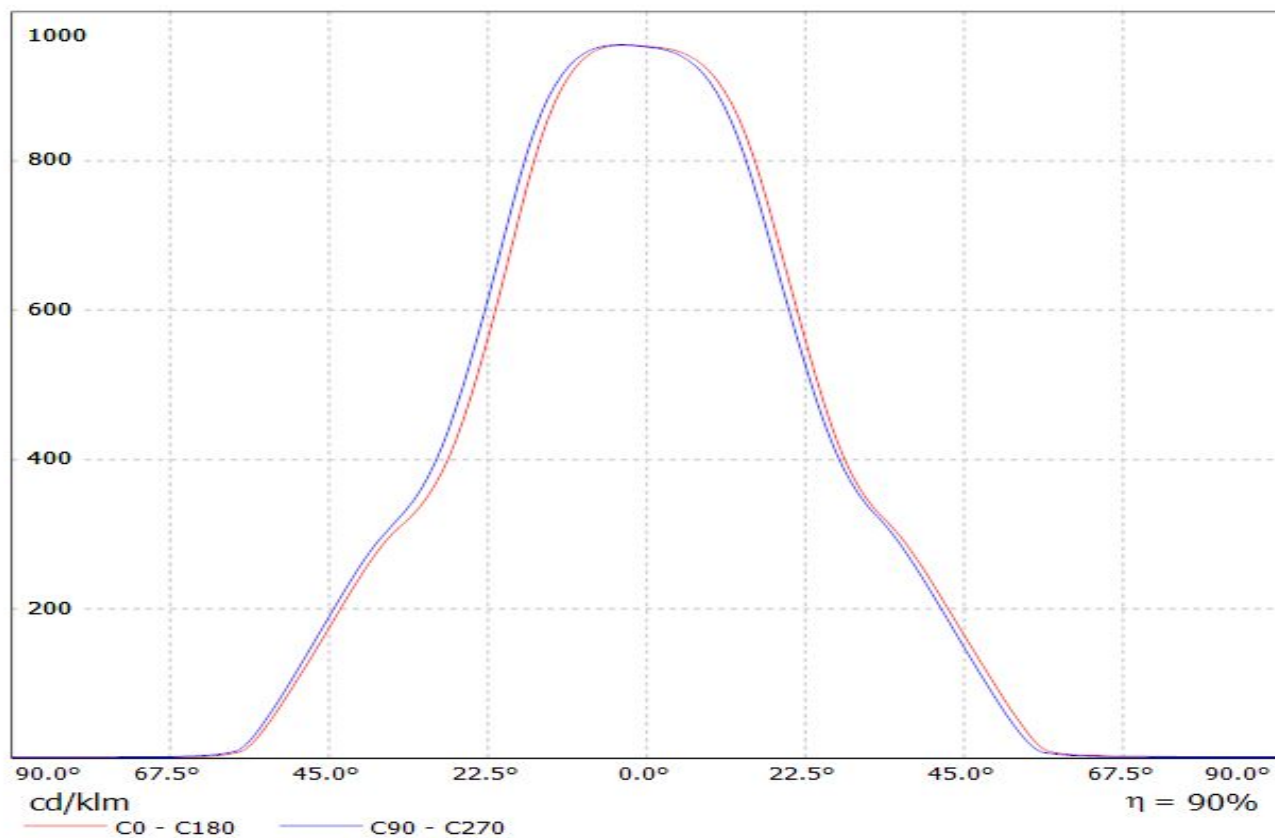
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3

2

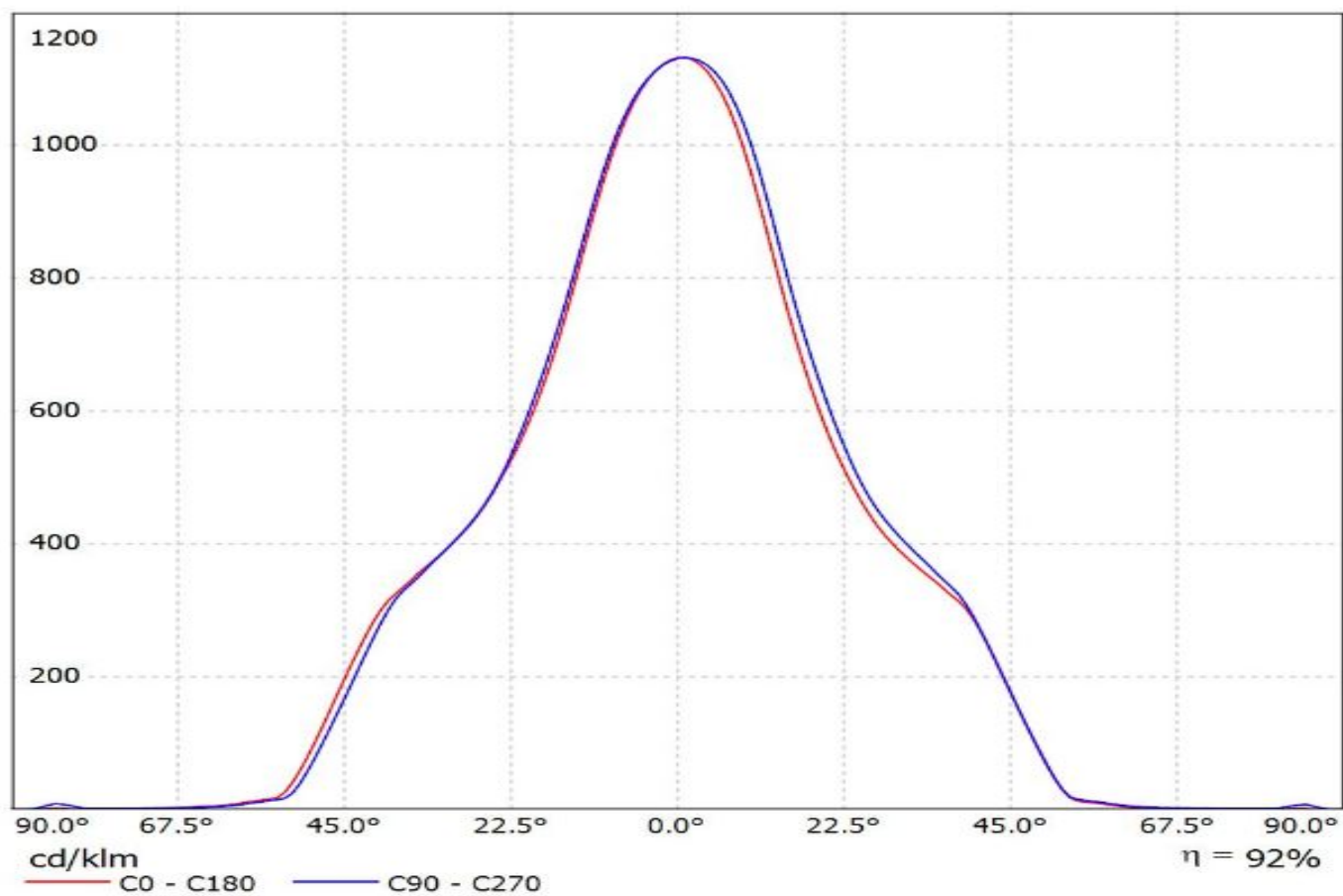
1

Luminaire: LEDiL Oy FCN13692_ANGELINA-M_(VERO29) Eff.90%
Lamps: 1 x BRIDGELUX_VERO29 (BXRC-50C10K0-L-04) 1381.64lm@250mA CCT=5000K P=9W I=250mA



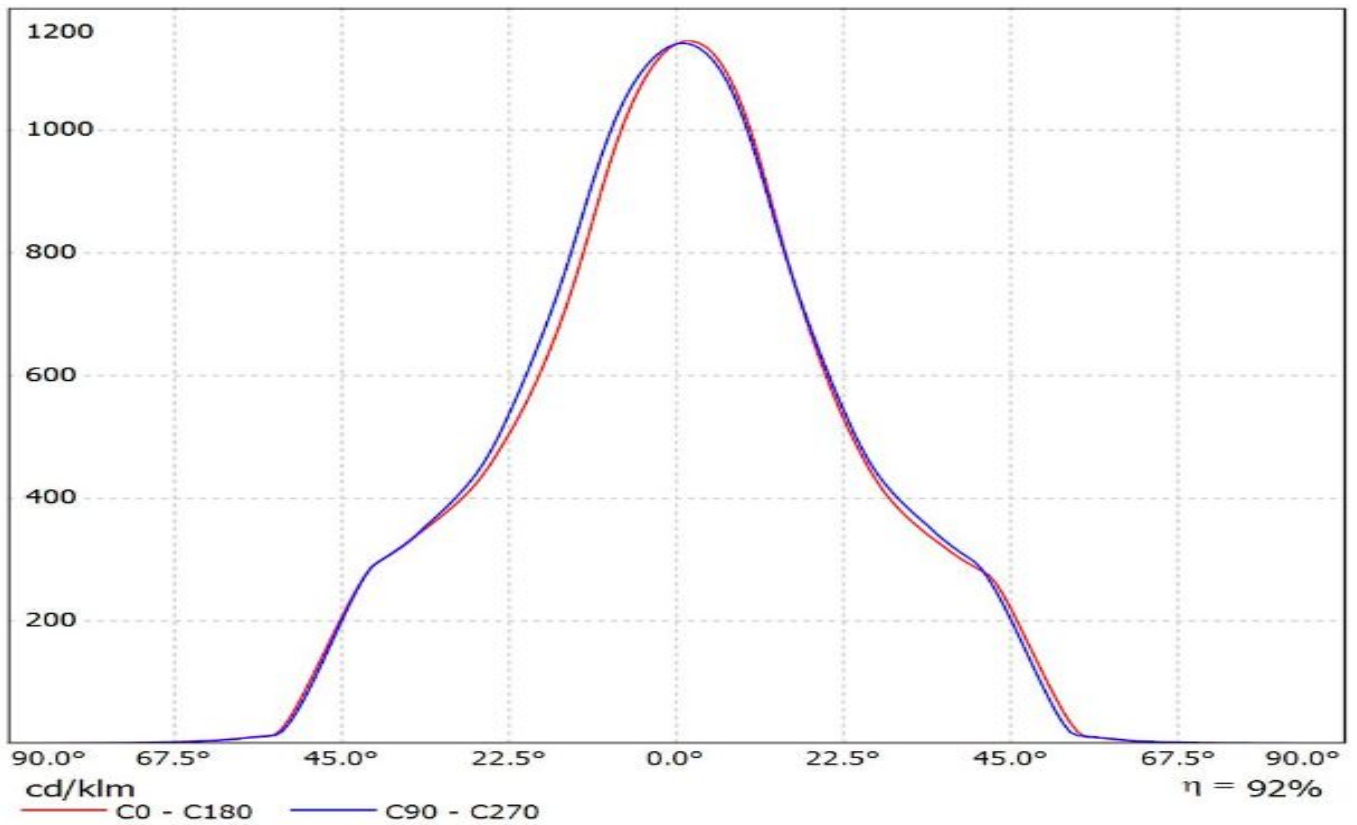
Luminaire: Ledil FCN13692_ANGELINA-M_(CLU044)_ (431_Typ_L3)

Lamps: 1 x Citizen_CLU044_(CLU044-1212B8-303M1A2)_1272.54lm@250mA_P=8.16W_I=0.25A



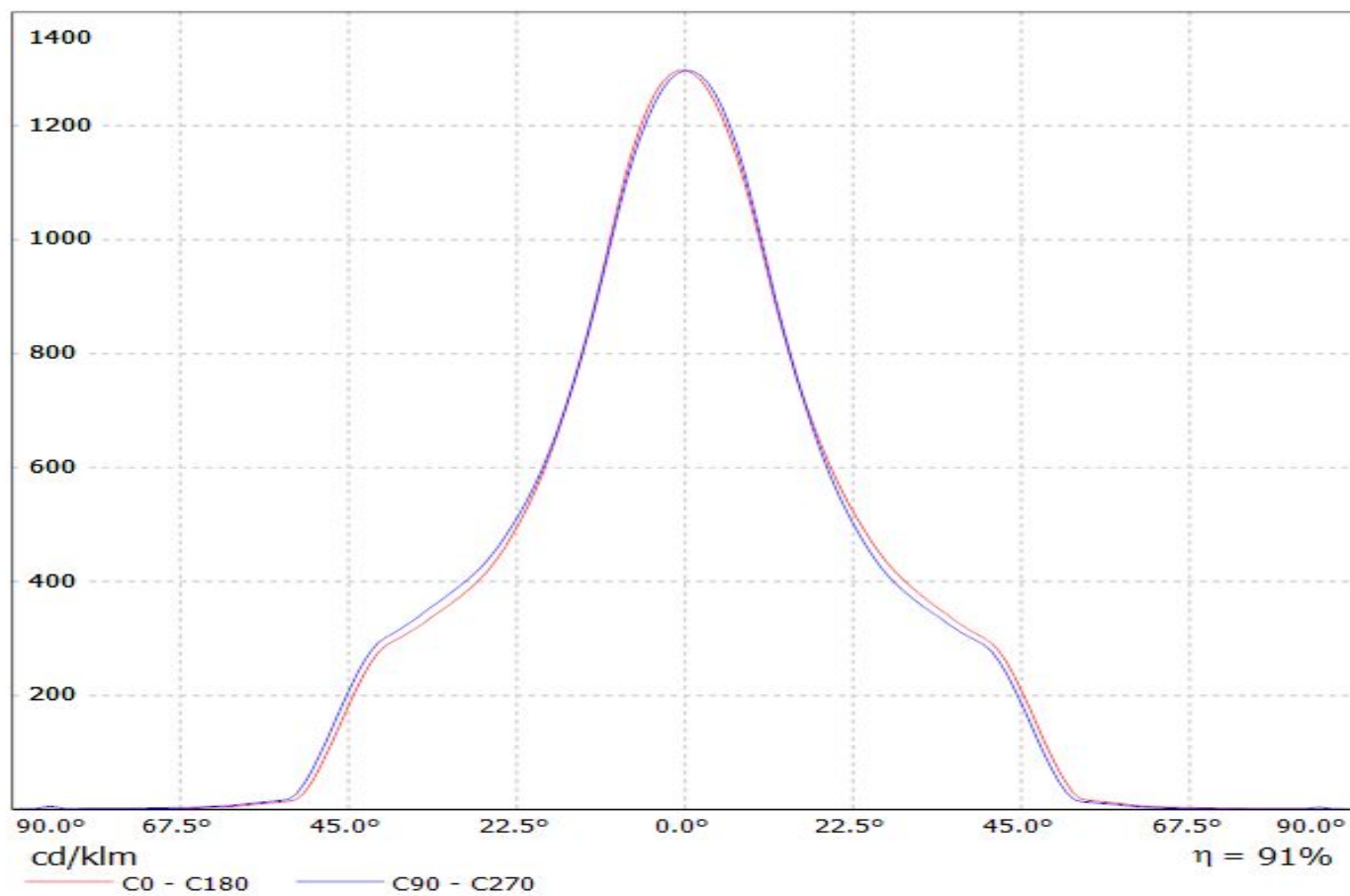
LEDiL Oy FCN13692_ANGELINA-M_(CoB_1211)_ (431_Typ_L3) / LDC (Linear)

Luminaire: LEDiL Oy FCN13692_ANGELINA-M_(CoB_1211)_ (431_Typ_L3)
Lamps: 1 x Luxeon_CoB_1211_(LHC1-5780-1211)_ (431_Typ_L3)_ (C13867)
_897.994lm@250mA_P=8W_I=0.25A



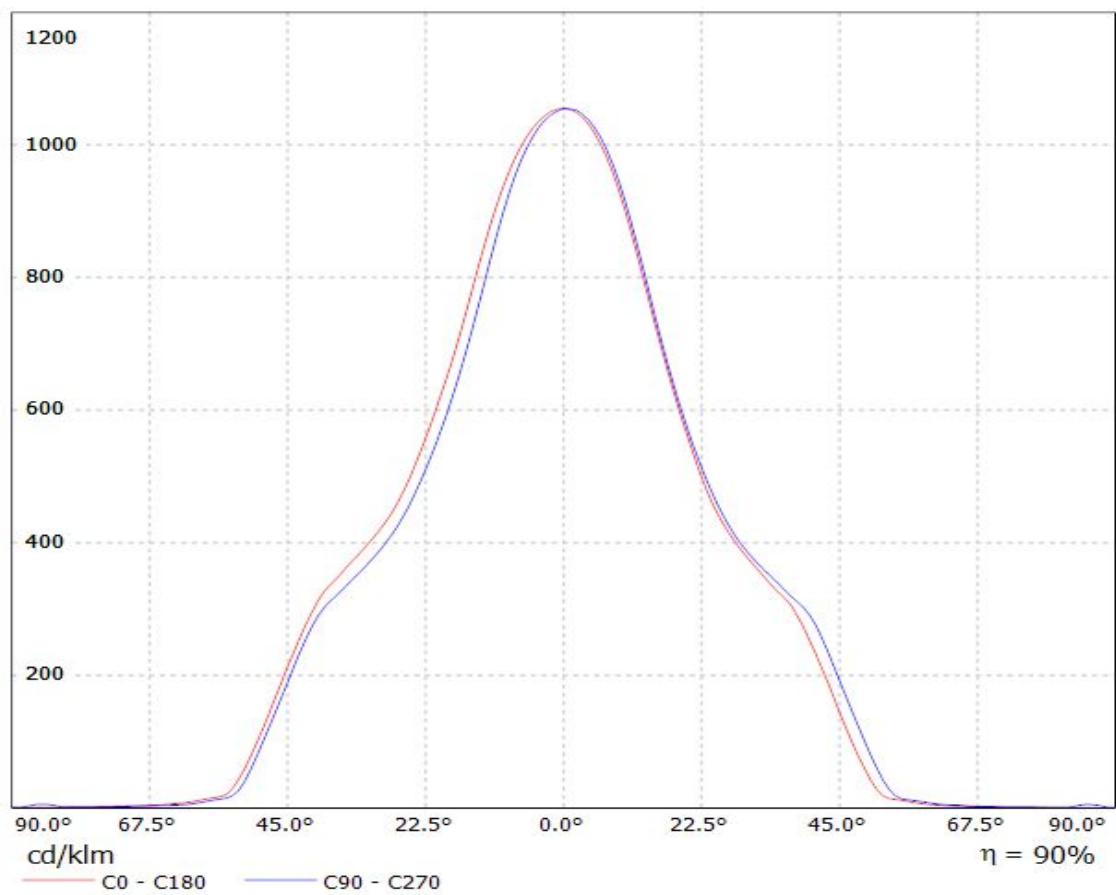
Luminaire: LEDiL Oy FCN13692_ANGELINA-M_(Soleriq_S19)_462_Typ_L3

Lamps: 1 x Osram_Soleriq_S19_(GW_KAHJB1.EM)_1497.37lm@250mA_P=11.1223W_I=0.2532A



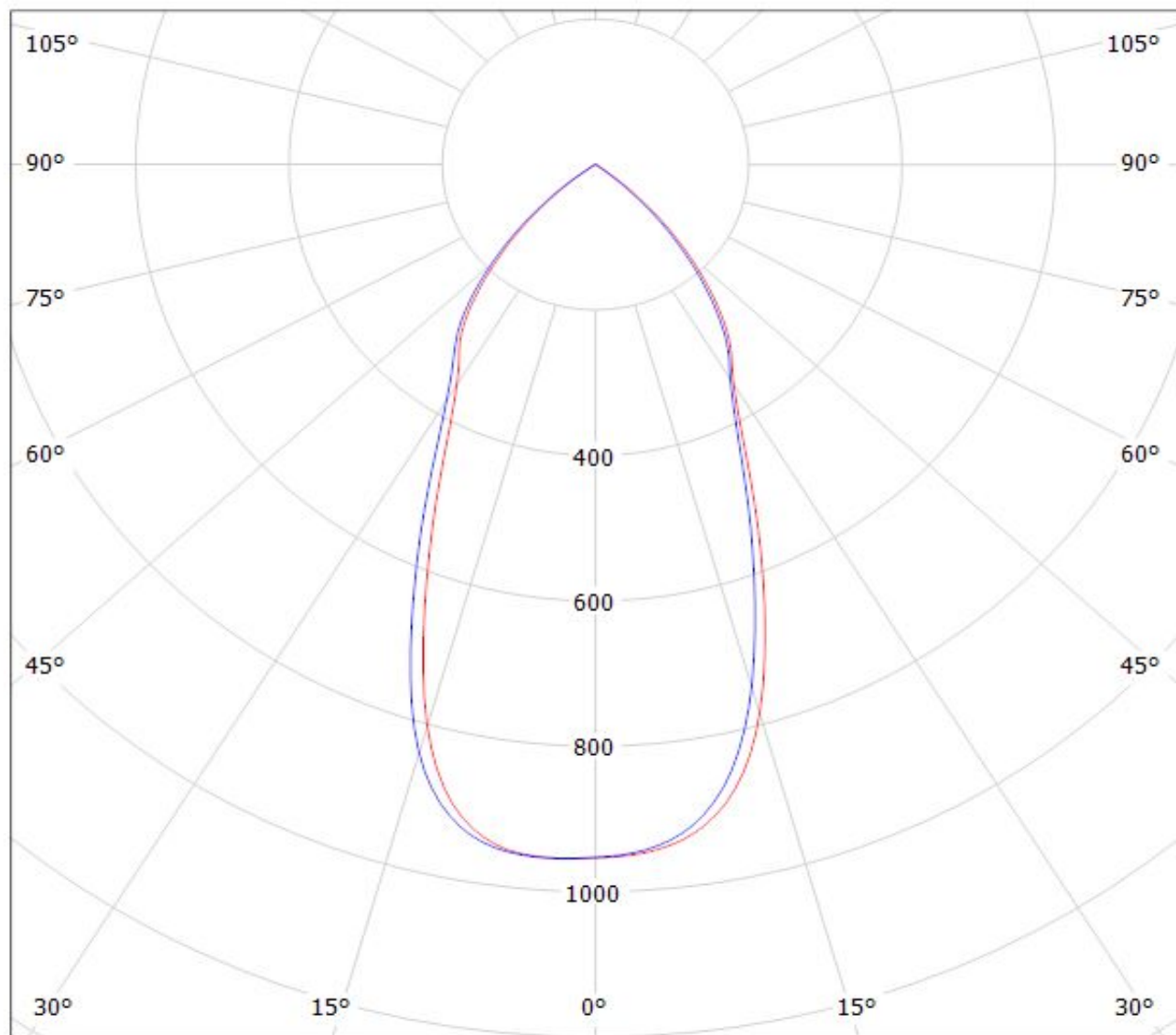
Luminaire: Ledil FCN13692_ANGELINA-M (MJT_80W_Les22)_+431TypL3

Lamps: 1 x Seoul_MJT_80W_Les22mm (SAWx22AAA)_+_VERO29_+_431TypL3_2407.73lm@250mA_P=13.2662W_I=0.25A



Luminaire: LEDiL Oy FCN13692_ANGELINA-M_(VERO29) Eff.90%

Lamps: 1 x BRIDGELUX_VERO29 (BXRC-50C10K0-L-04) 1381.64lm@250mA CCT=5000K P=9W I=250mA



cd/klm

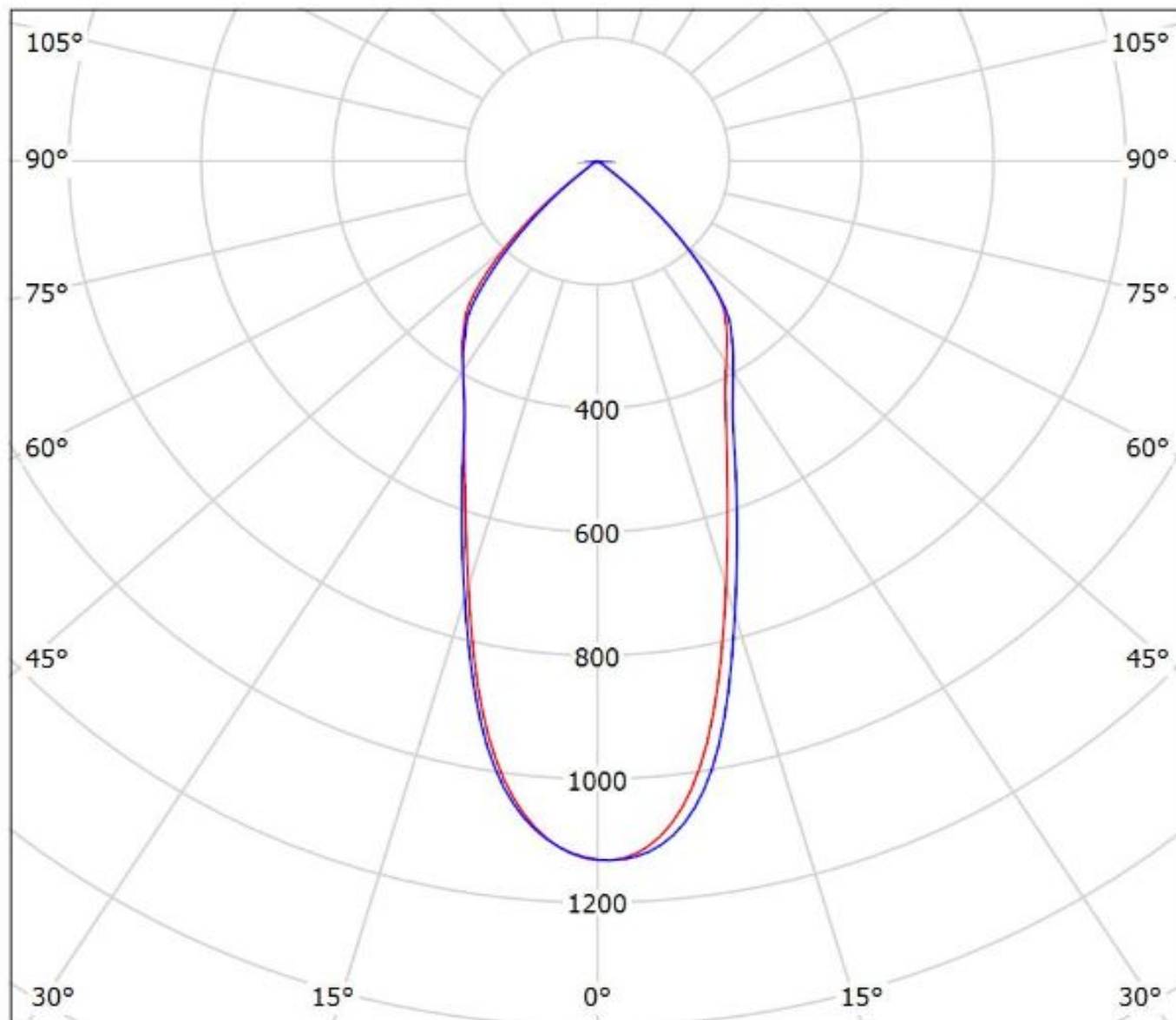
— C0 - C180

— C90 - C270

$\eta = 90\%$

Luminaire: Ledil FCN13692_ANGELINA-M_(CLU044)_ (431_Typ_L3)

Lamps: 1 x Citizen_CLU044_(CLU044-1212B8-303M1A2)_1272.54lm@250mA_P=8.16W_I=0.25A



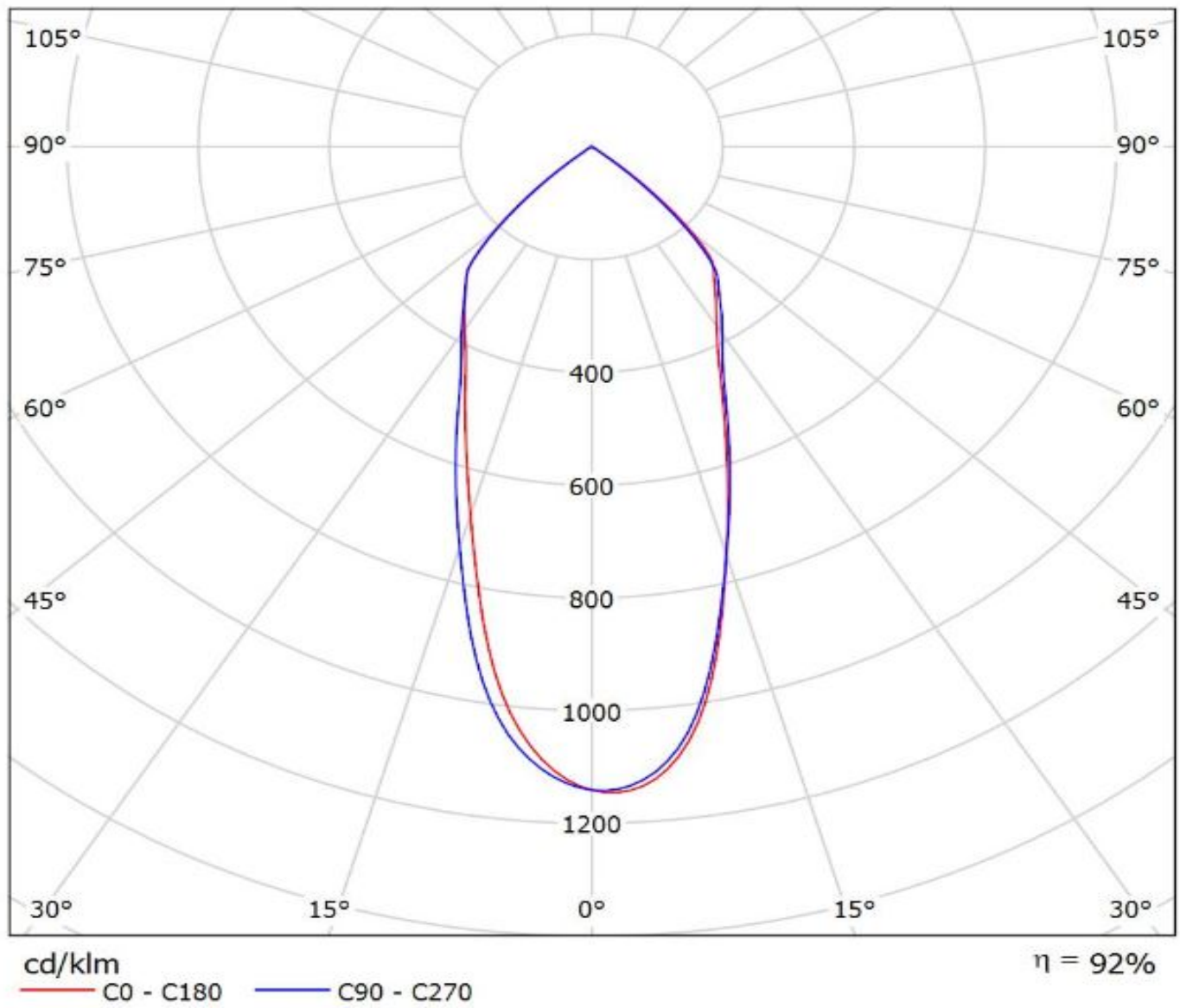
cd/klm

— C0 - C180 — C90 - C270

$\eta = 92\%$

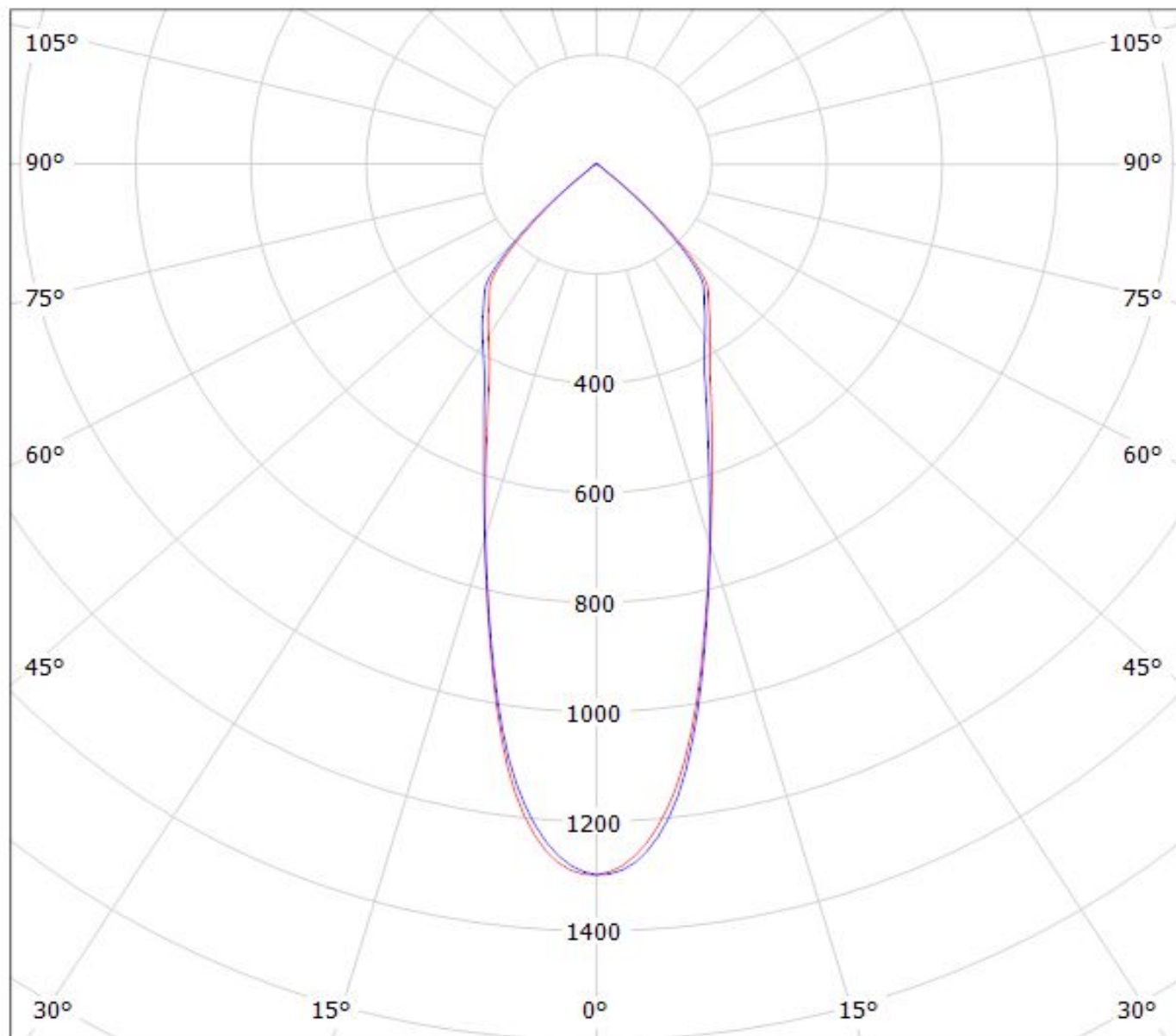
LEDiL Oy FCN13692_ANGELINA-M_(CoB_1211)_(431_Typ_L3) / LDC (Polar)

Luminaire: LEDiL Oy FCN13692_ANGELINA-M_(CoB_1211)_(431_Typ_L3)
Lamps: 1 x Luxeon_CoB_1211_(LHC1-5780-1211)_(431_Typ_L3)_(C13867)
_897.994lm@250mA_P=8W_I=0.25A



Luminaire: LEDiL Oy FCN13692_ANGELINA-M_(Soleriq_S19)_462_Typ_L3

Lamps: 1 x Osram_Soleriq_S19_(GW_KAHJB1.EM)_1497.37lm@250mA_P=11.1223W_η=0.2532A



cd/klm

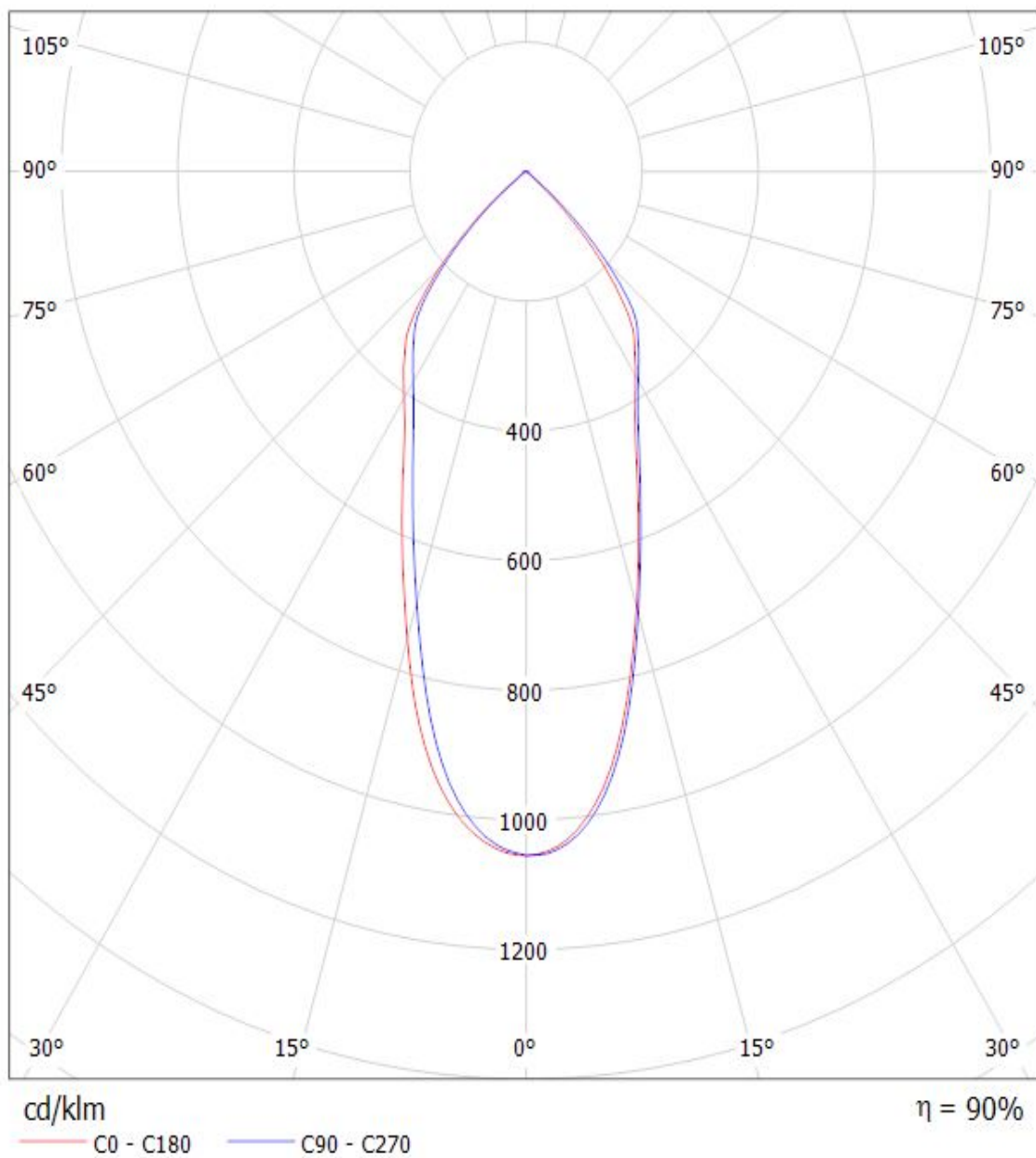
— C0 - C180

— C90 - C270

η = 91%

Luminaire: Ledil FCN13692_ANGELINA-M_(MJT_80W_Les22)_+431TypL3

Lamps: 1 x Seoul_MJT_80W_Les22mm_(SAWx22AAA)_+_VERO29_+_431TypL3_2407.73lm@250mA_P=13.2662W_I=0.25A



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.