



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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
Soleriq 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

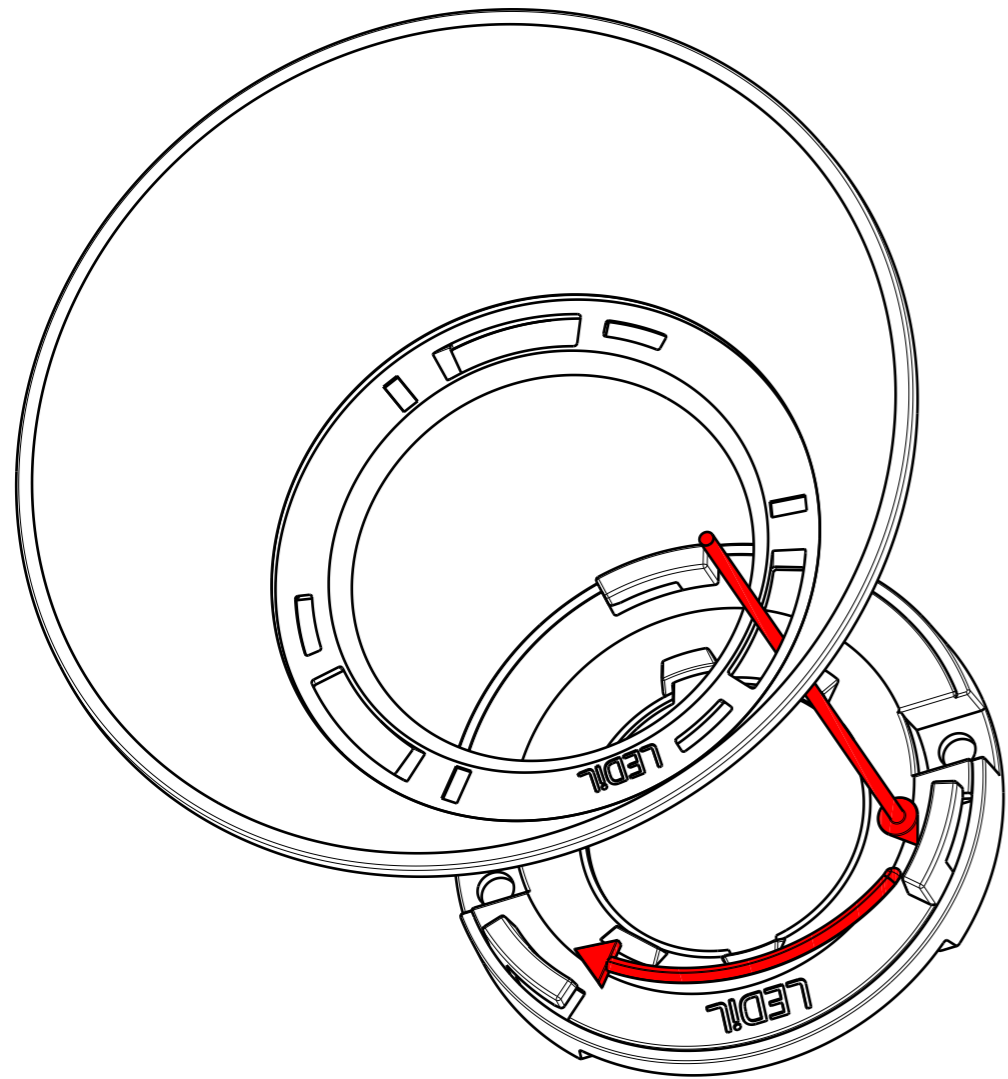
H G F E D C B A

4

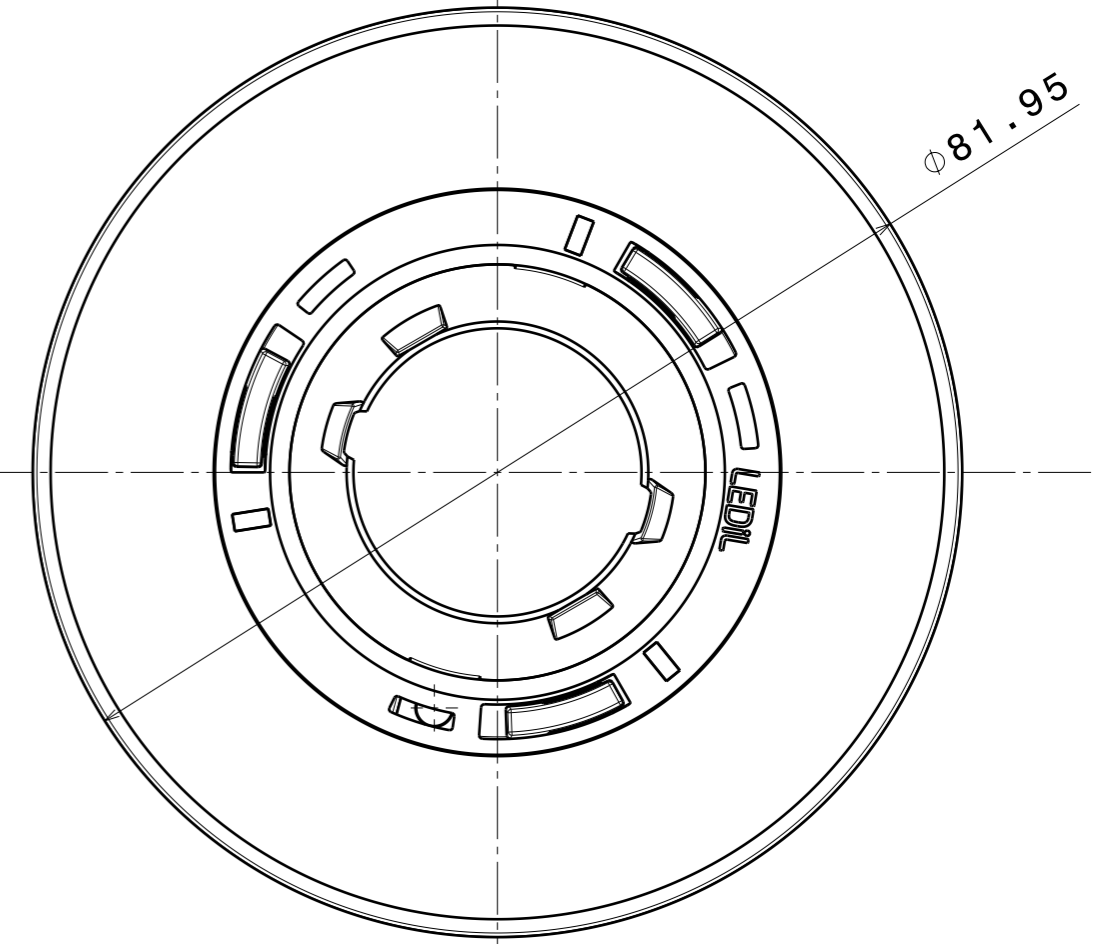
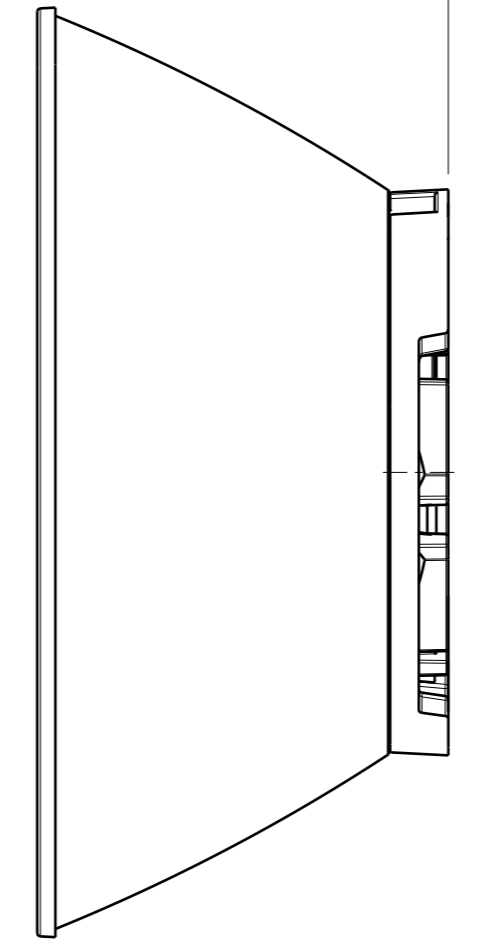
3

2

1



31 + Basepart



4

3

2

1

H G B A

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:

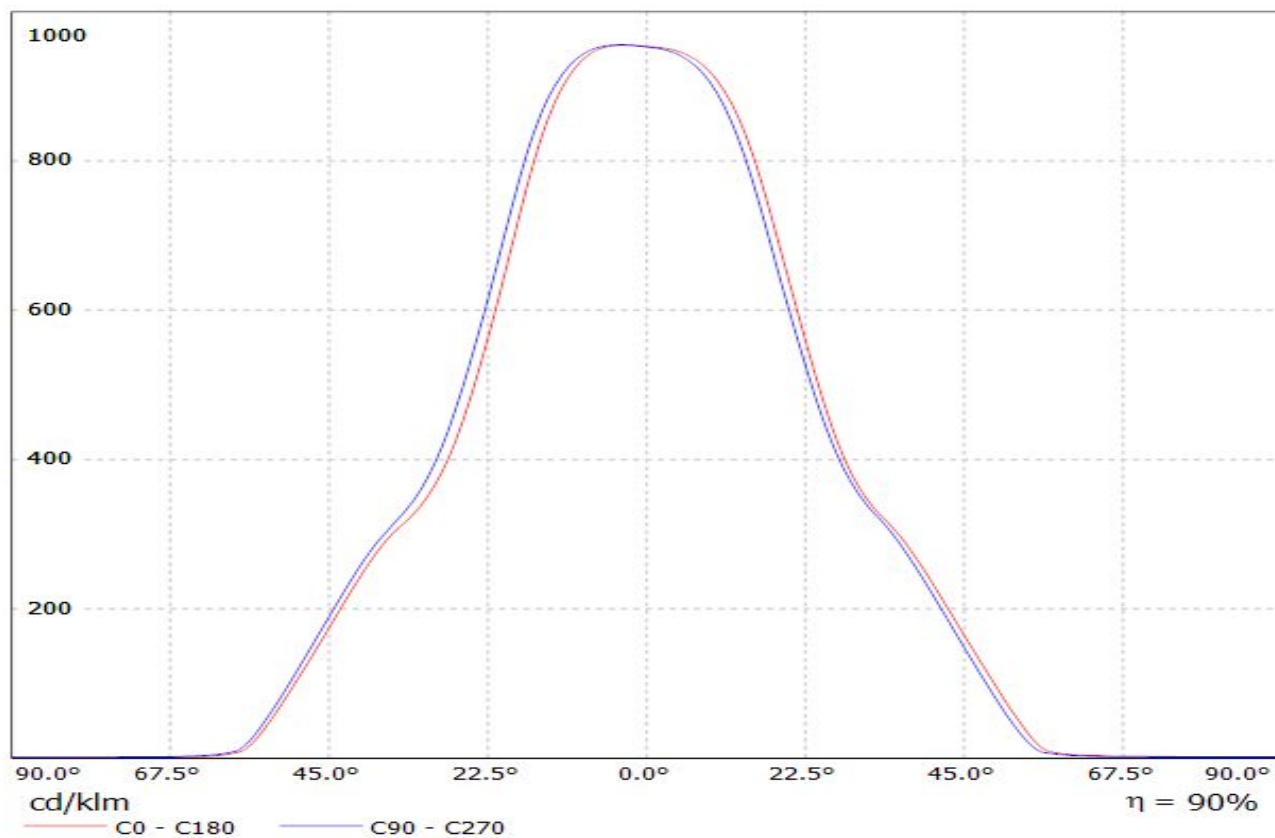
DRAWING TITLE
Datasheet_ANGELINA + CLAMP

This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.

SIZE	PART NUMBER		
A3	-		

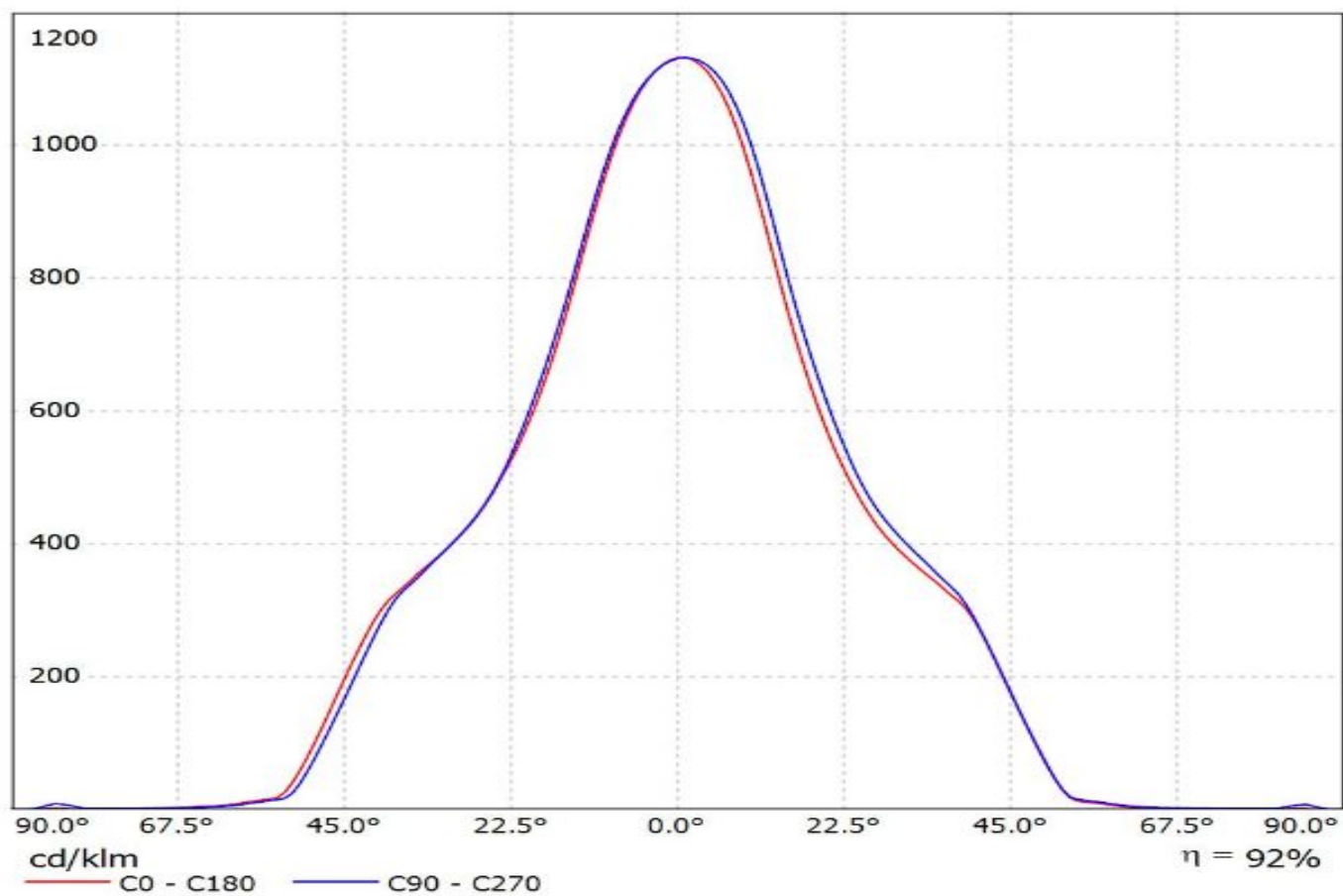
SCALE	3:2	WEIGHT (g)		SHEET	1/1
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Luminaire: LEDiL Oy FCN13692_ANGELINA-M_(VERO29) Eff.90%
Lamps: 1 x BRIDGELUX_VERO29 (BXRC-50C10K0-L-04) 1381.64lm@250mA CCT=5000K P=9W I=250mA



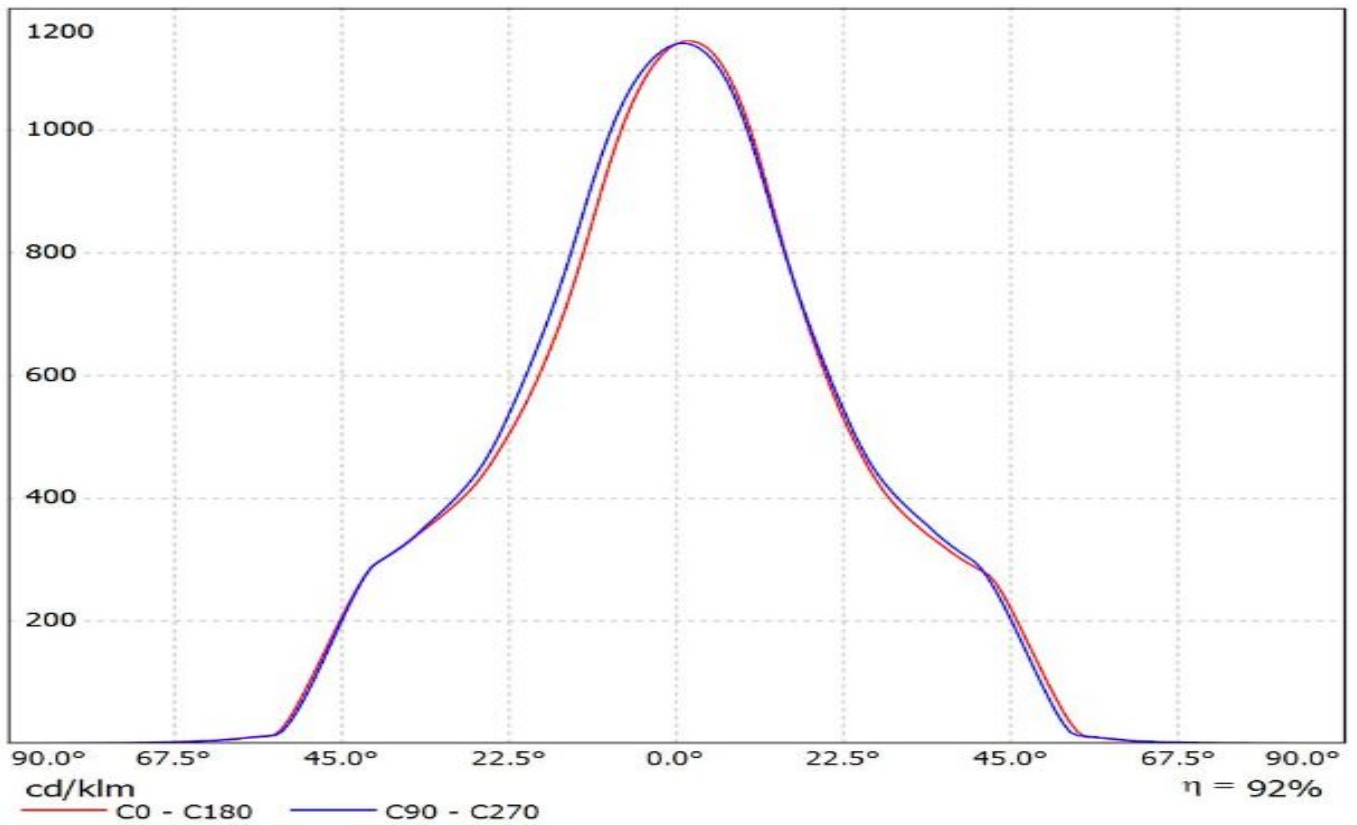
Luminaire: Ledil FCN13692_ANGELINA-M_(CLU044)_ (431_Typ_L3)

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



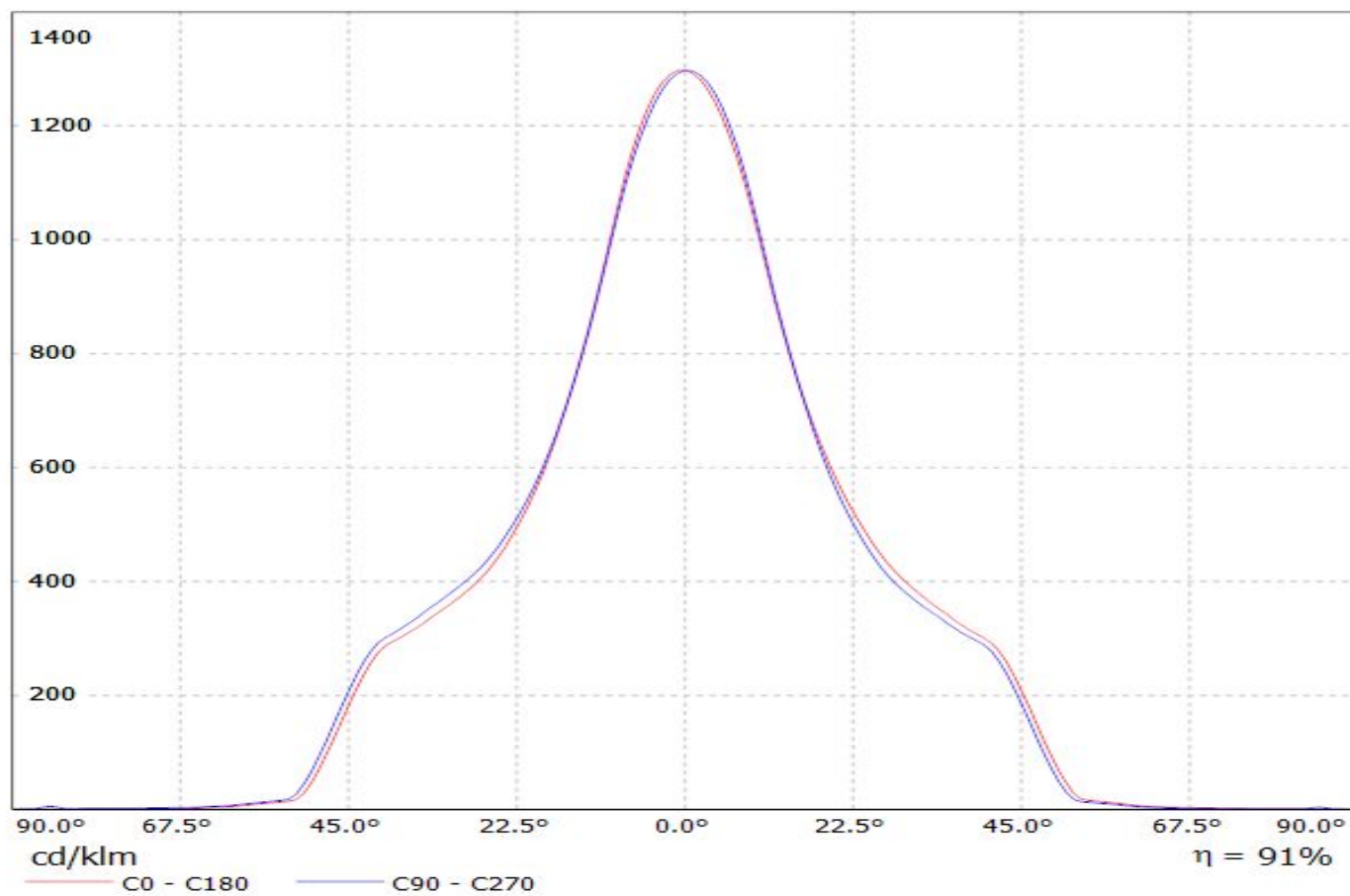
LEDiL Oy FCN13692_ANGELINA-M_(CoB_1211)_ (431_Typ_L3) / LDC (Linear)

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



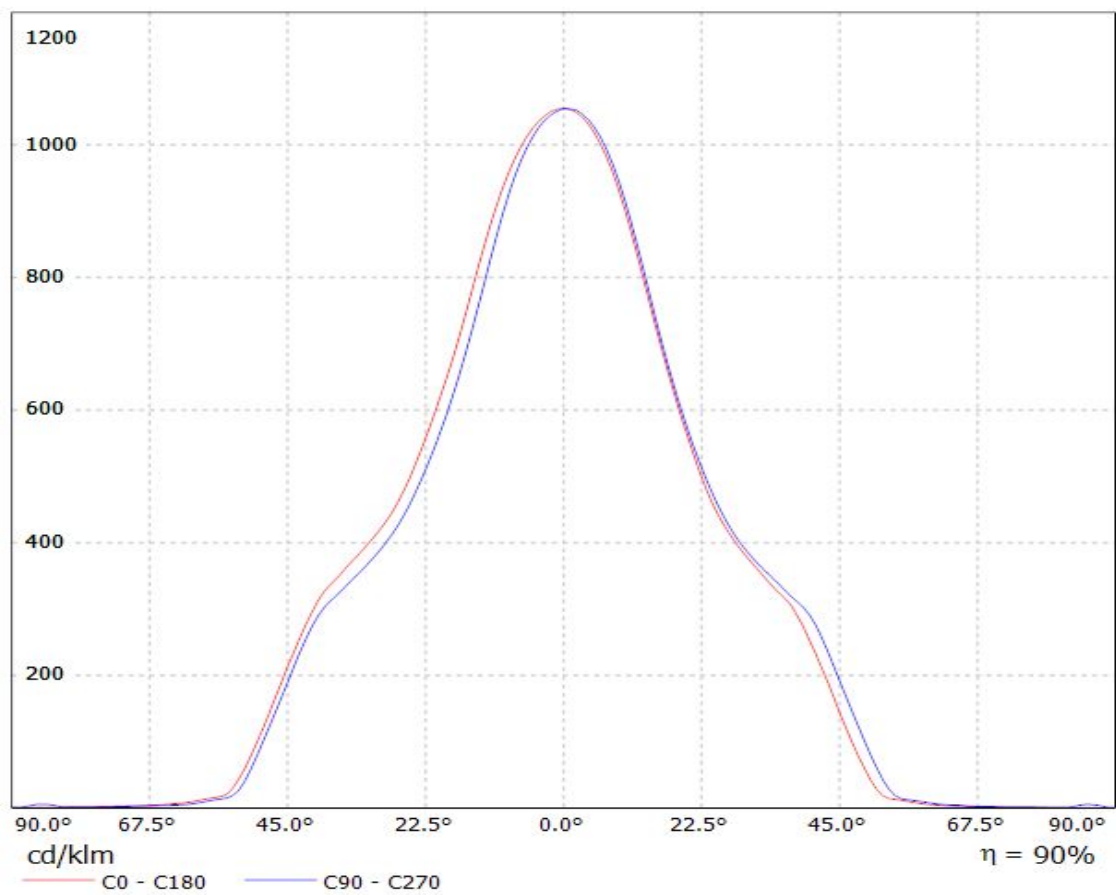
Luminaire: LEDiL Oy FCN13692_ANGELINA-M_(Soleriq_S19)_462_Typ_L3

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



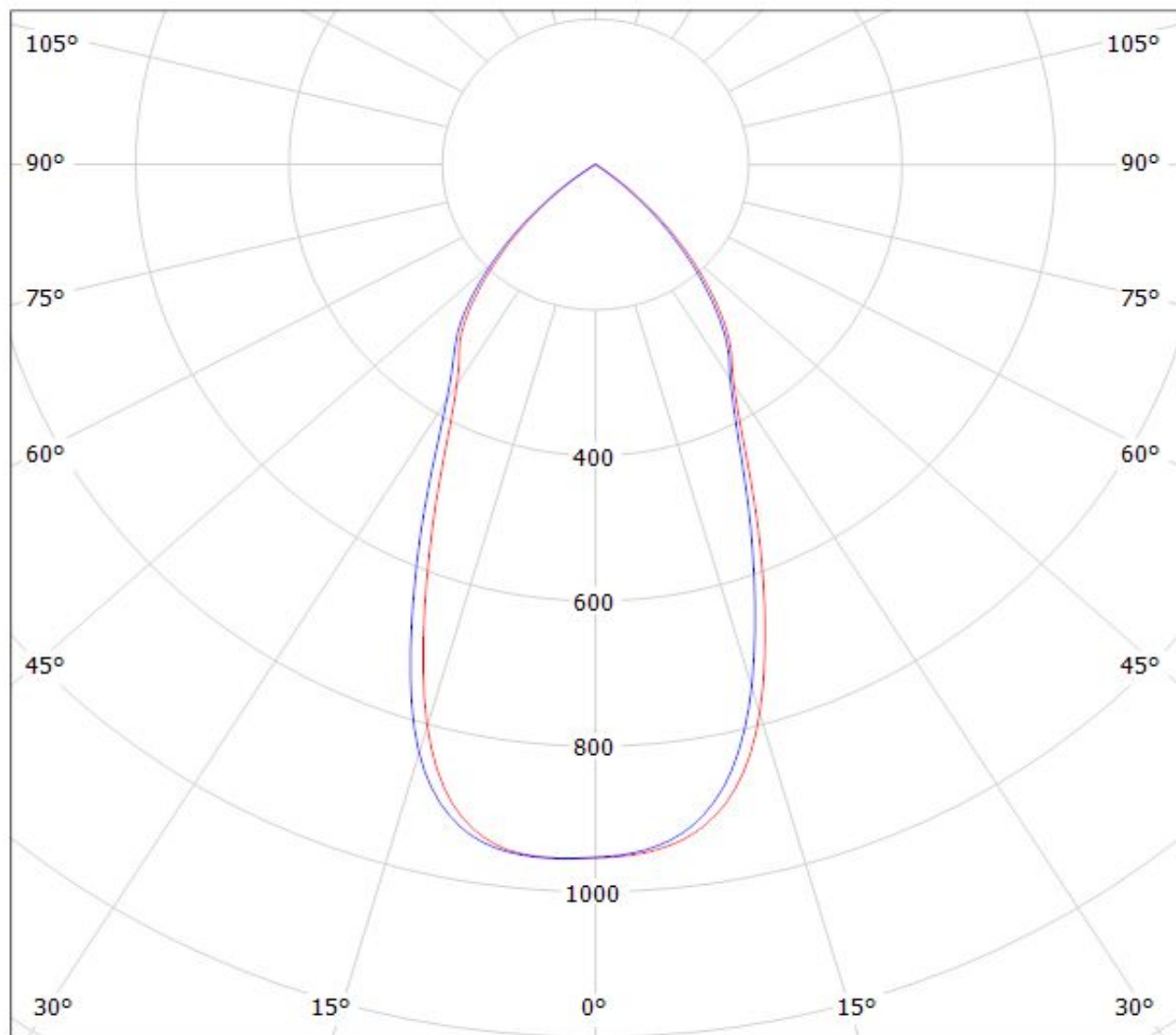
Luminaire: Ledil FCN13692_ANGELINA-M (MJT_80W_Les22)_+431TypL3

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

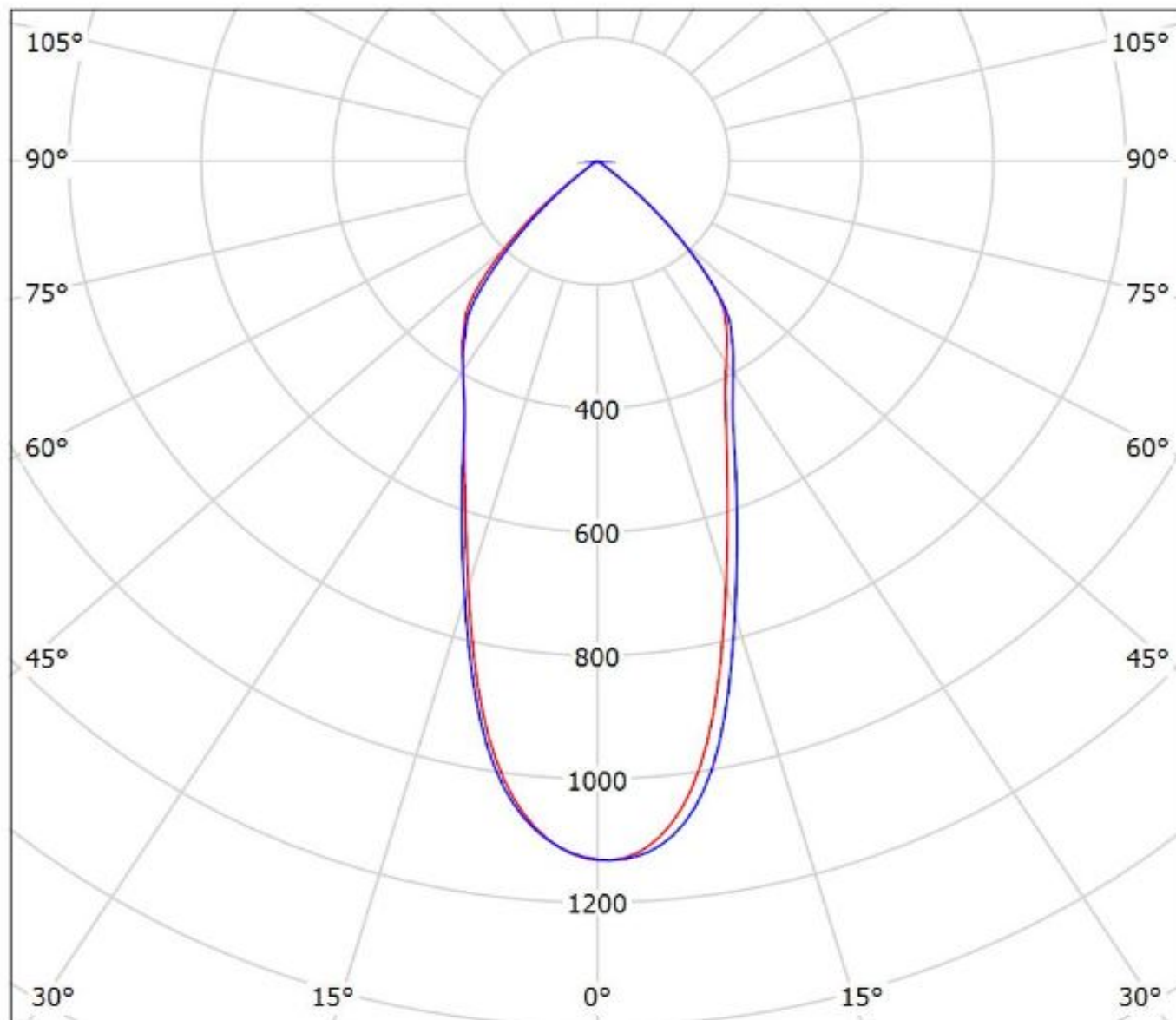
— C0 - C180

— 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



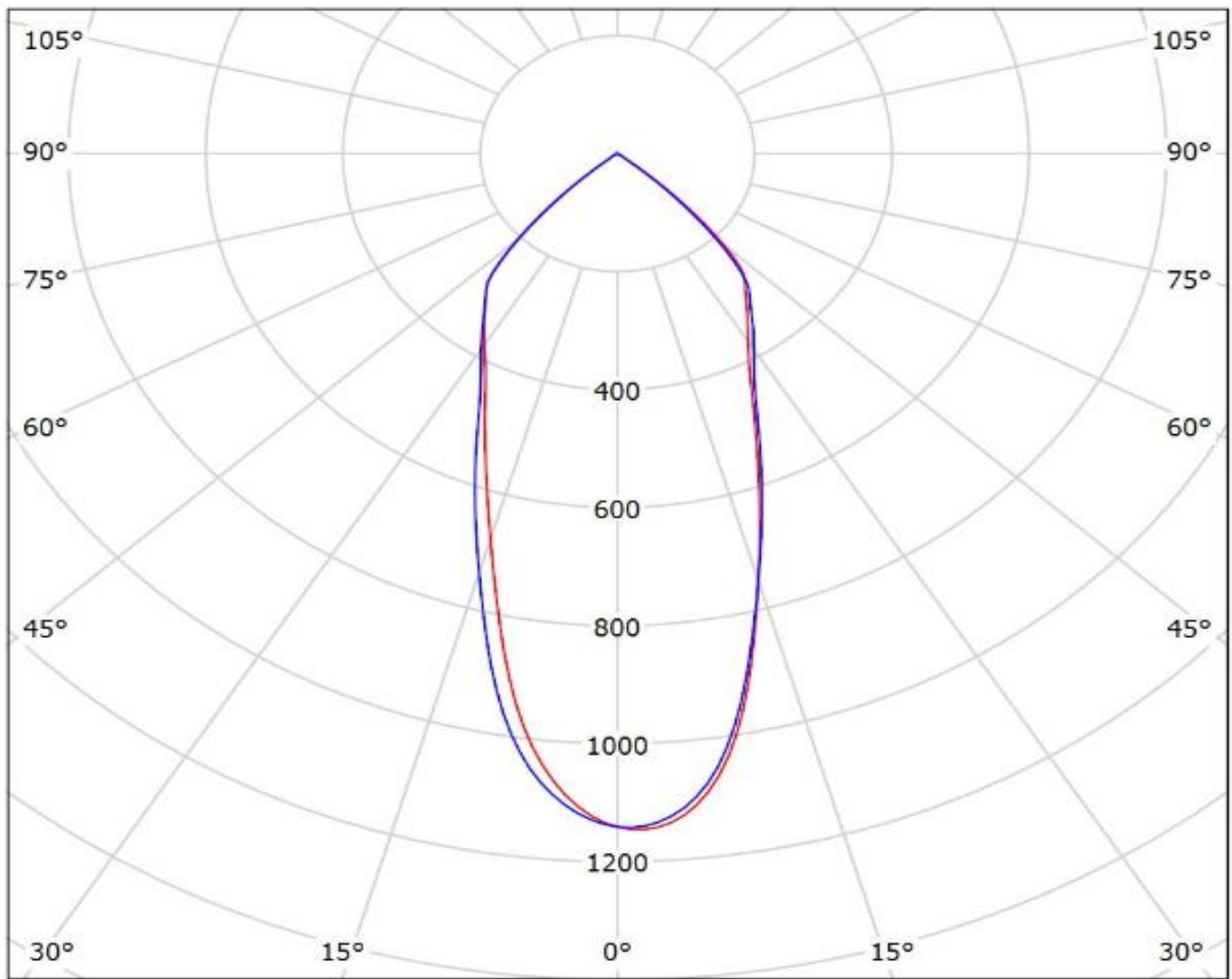
cd/klm

— 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



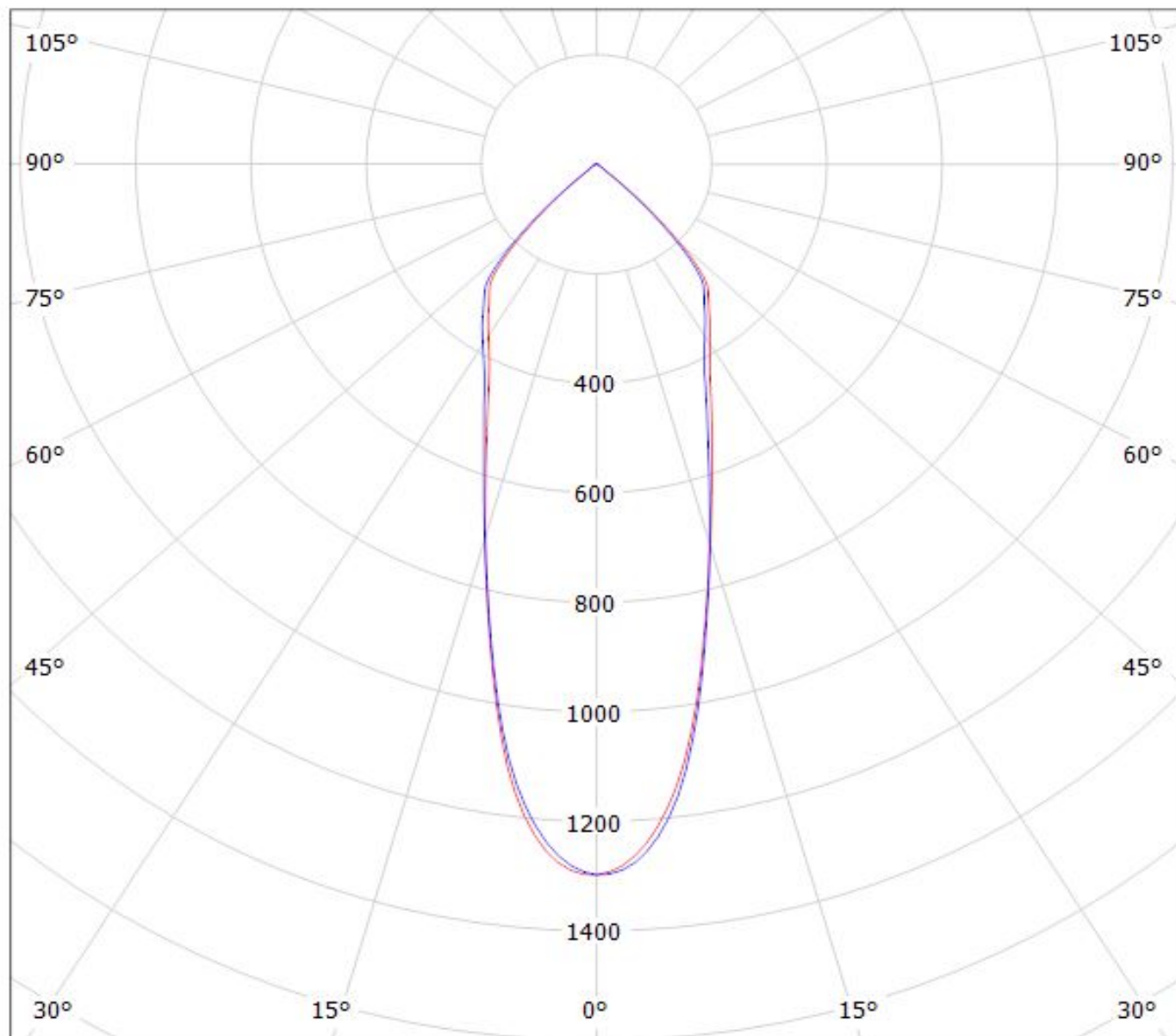
cd/klm

— C0 - C180 — C90 - C270

$\eta = 92\%$

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

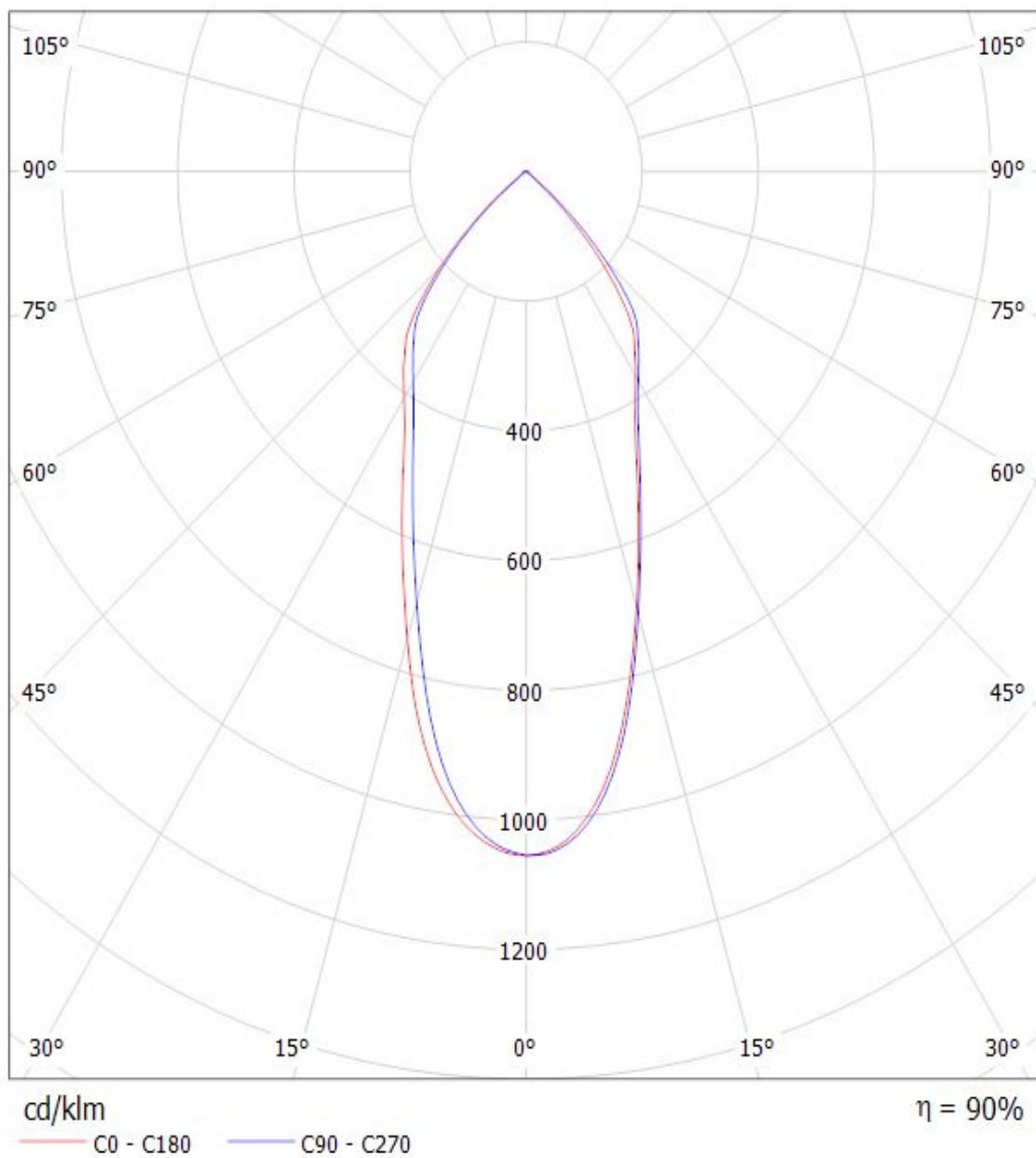
— C0 - C180

— 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.