

DETAILS

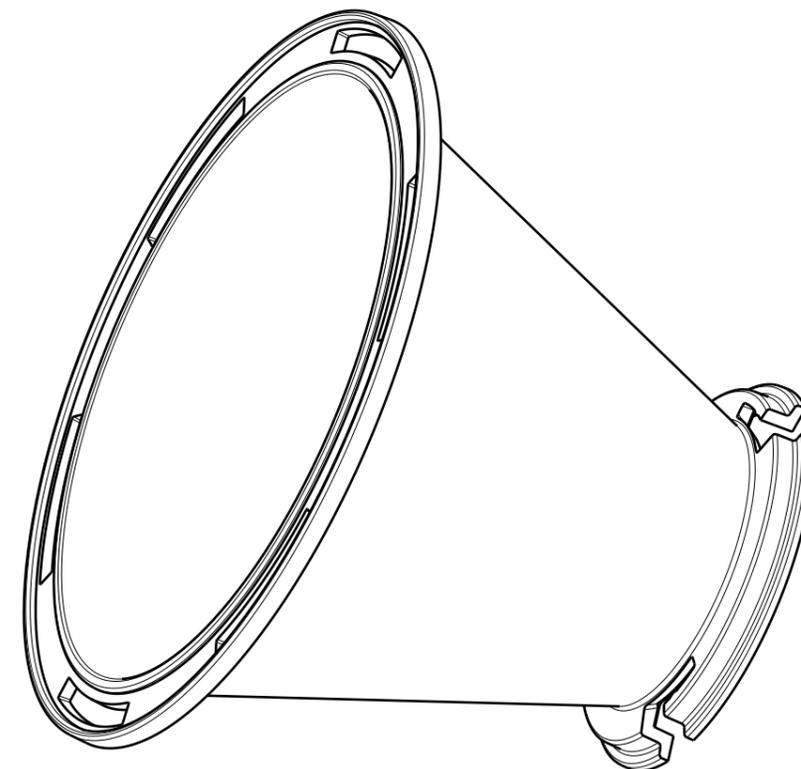
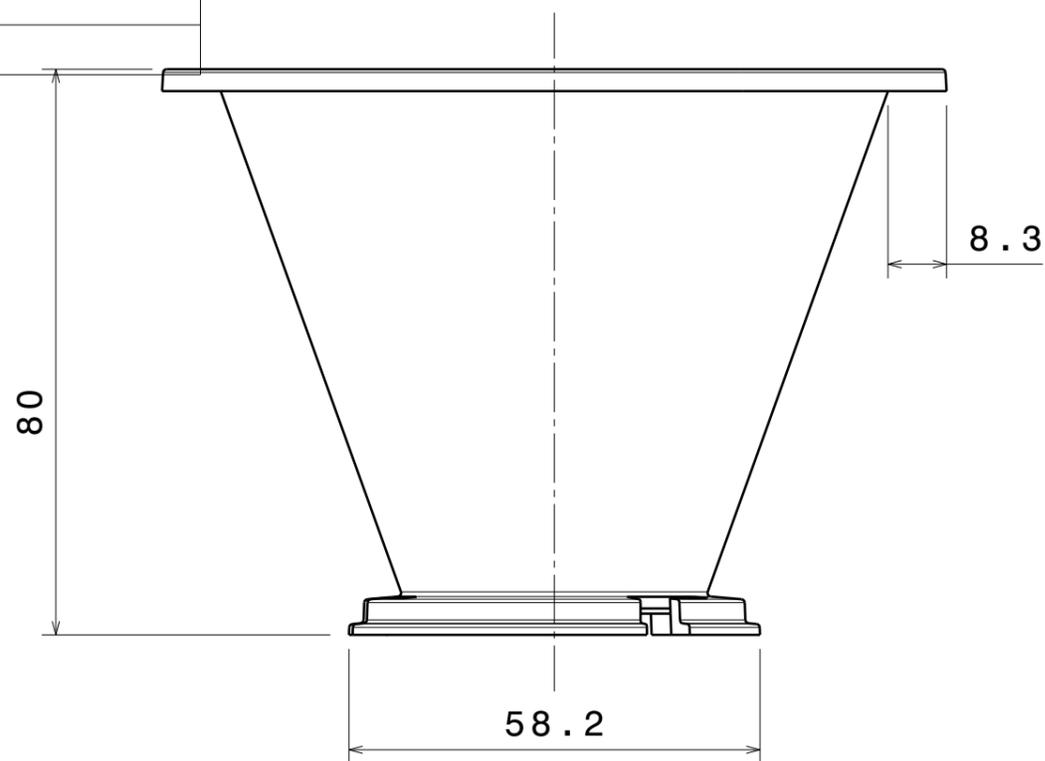
Product Number	C12154_LENA-M
Family	Lena
Type	Reflector
Color	metal
Diameter	111 mm
Height	80 mm
Style	round
Optic Material	PC
Holder Material	
Fastening	
Status	ready
ROHS Compliant	Yes
Date Updated	10/03/2015



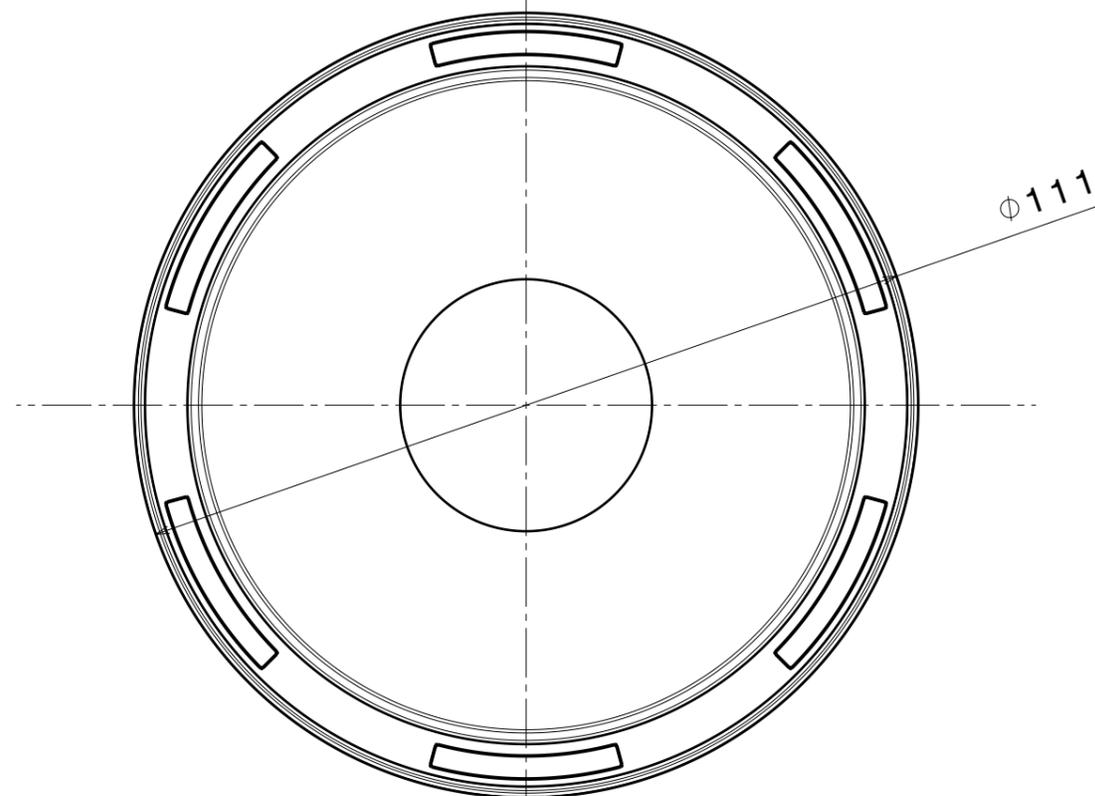
OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
CXA/B 30xx	sim: 20	Medium	sim: 86 %	sim: 4.800	IDEAL: 50-2234C + Lena(50-2100LN)
Soleriq P13	17 deg	Medium	84 %	6.150	IDEAL: 50-2101CR + Lena(50-2100LN)
CLL03x/CLU034	20 deg	Medium	81 %	5.200	A.A.G. STUCCHI: 8101/G2 + S-8000/11
CLL04x/CLU044	24 deg	Medium	80 %	3.600	IDEAL: 50-2204-CT + Lena(50-2100LN)
CLL04x/CLU044	25 deg	Medium	76 %	3.300	A.A.G. STUCCHI: 8102/G2 + S-8000/12

This drawing applies to:
 C11979_LENA-S
 C12154_LENA-M
 C11980_LENA-W
 C13117_LENA-SS



Isometric view



INDEX	DESCRIPTION	MATERIAL
1	Lena-Reflector	PC

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:

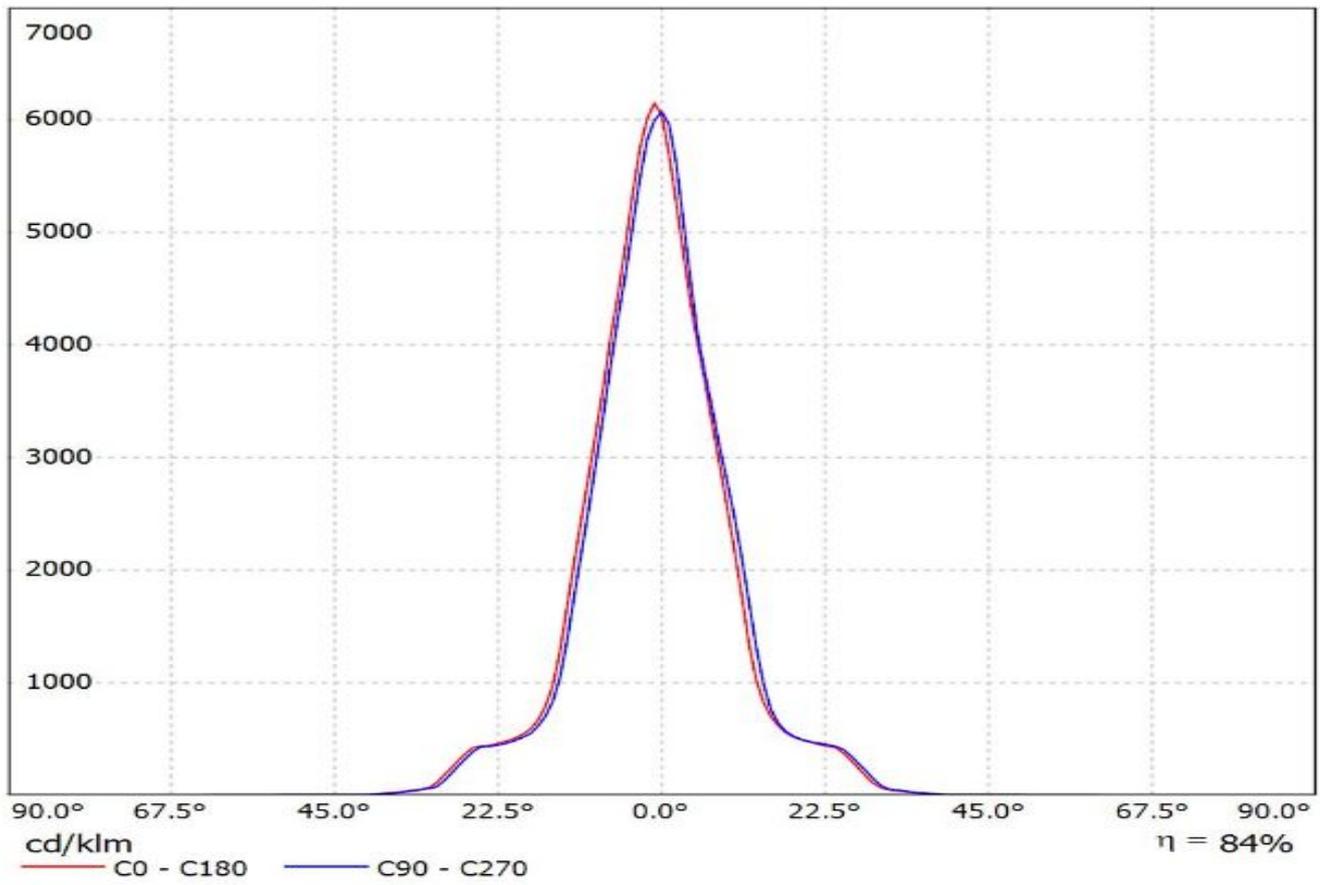
DRAWING TITLE
 LENA reflector family

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SIZE	PART NUMBER	
A3	-	
SCALE	1:1	WEIGHT (g)
		SHEET 1/1

Luminaire: LEDiL Oy C12154_LENA-M_(SOLERIQ_P13)

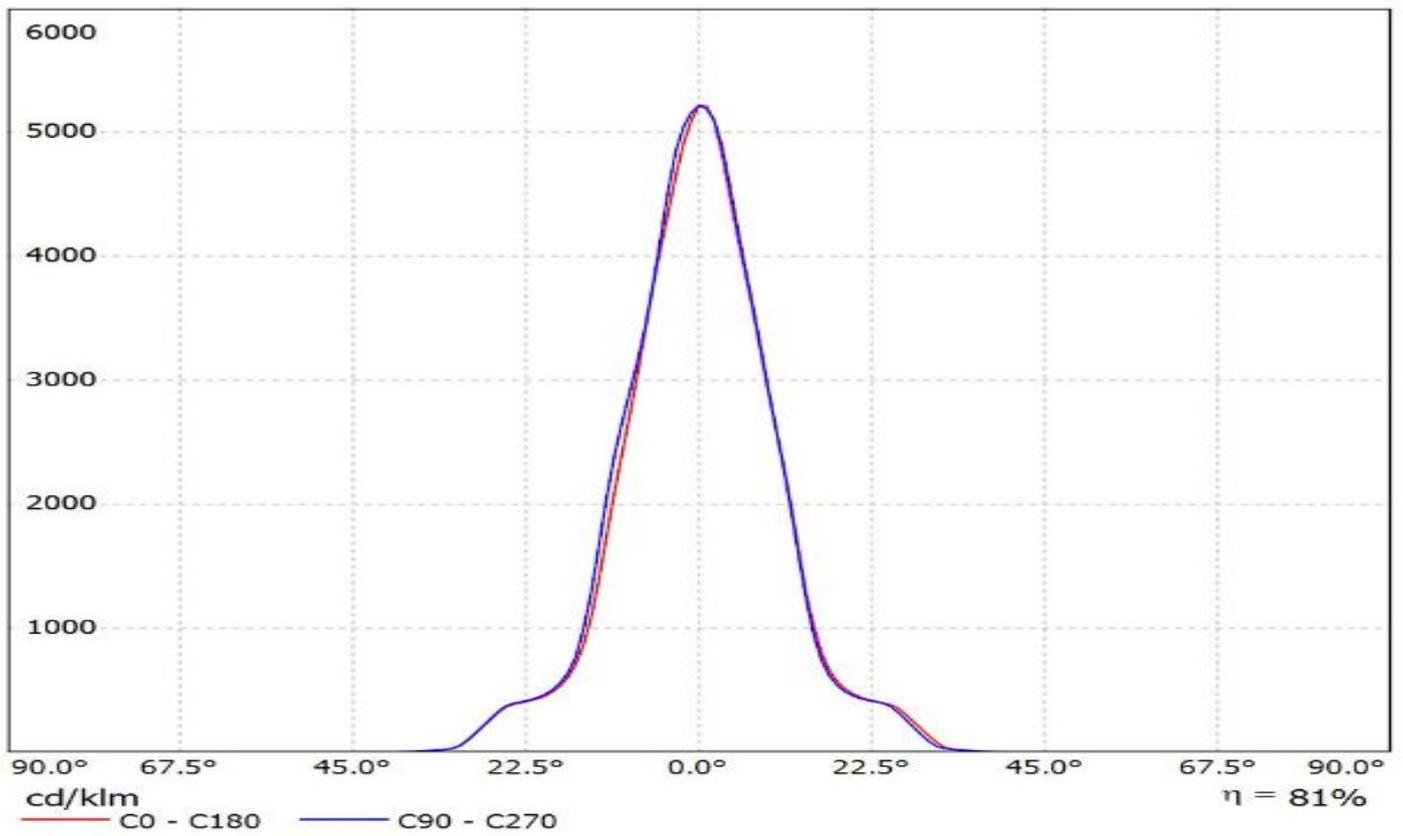
Lamps: 1 x SOLERIQ_P13_(GW_MAGMB1.EM)_1018.49lm@250mA_CCT=3000K_P=8.79046W_I=249.8mA



Ledil C12154_LENA-M_(CLU034+_8101-G2+_S-8000-11)/LDC (Linear)

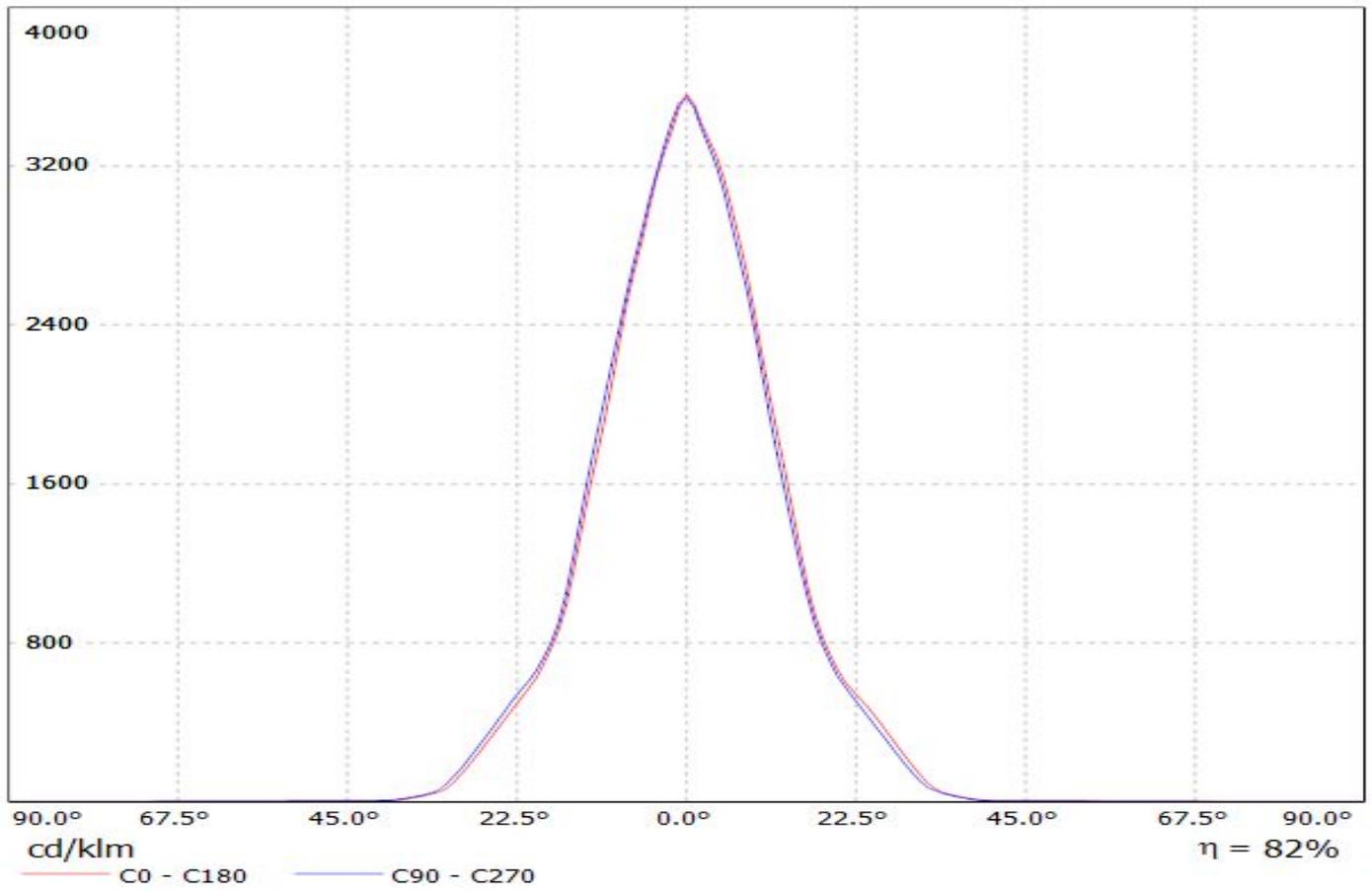
Luminaire: Ledil C12154_LENA-M_(CLU034+_8101-G2+_S-8000-11)

Lamps: 1 x Citizen_CLU034_(1205B8-303M1A2)_1178.79lm@250mA_P=8.5W_I=0.25A

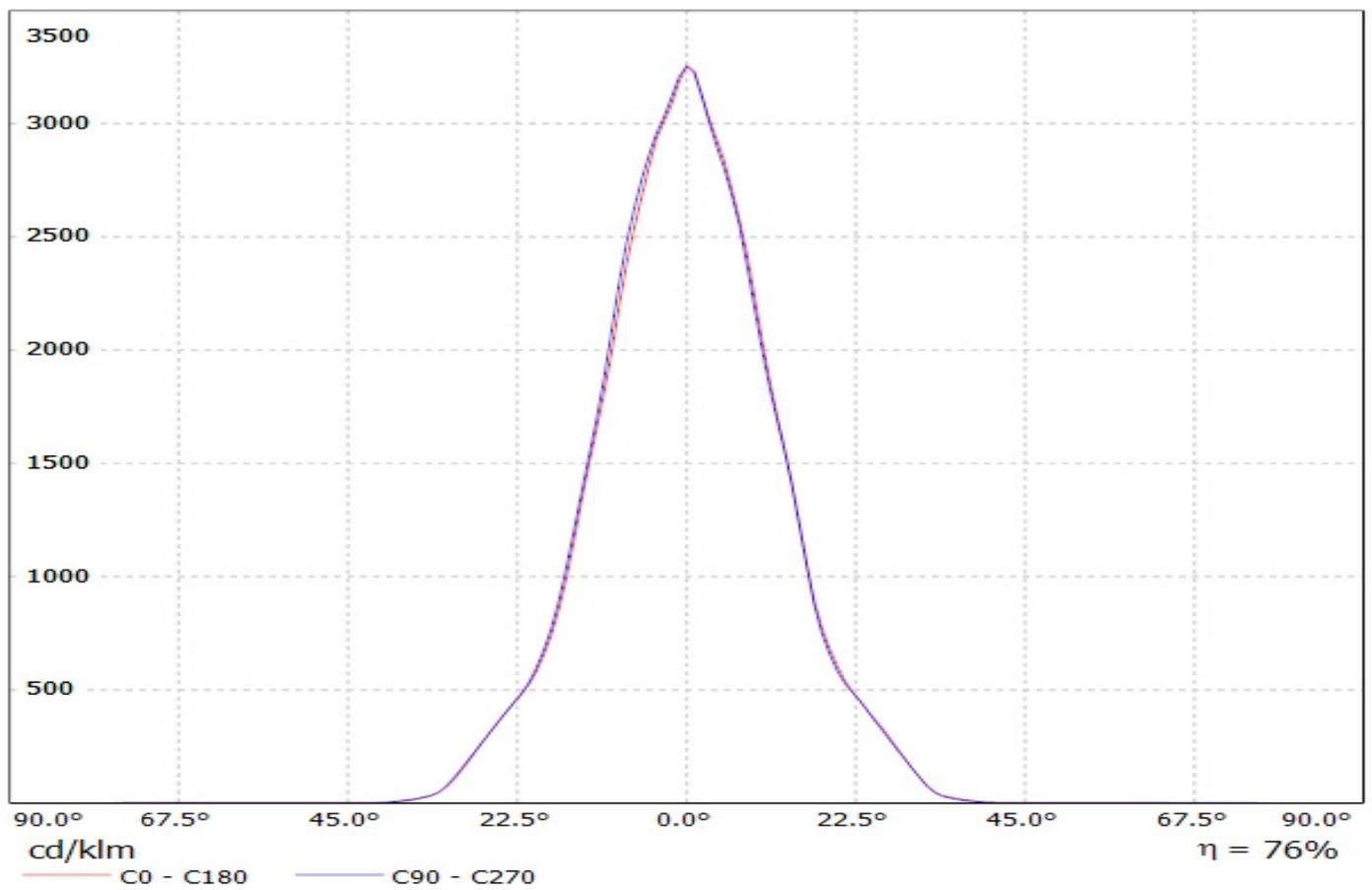


Luminaire: LEDiL Oy C12154_LENA-M_(CLL040)

Lamps: 1 x Citizen_CLL040_(CLL040-1218A-50KL1A1)_1156.98lm@250mA_P=8.26164W_I=249.8mA

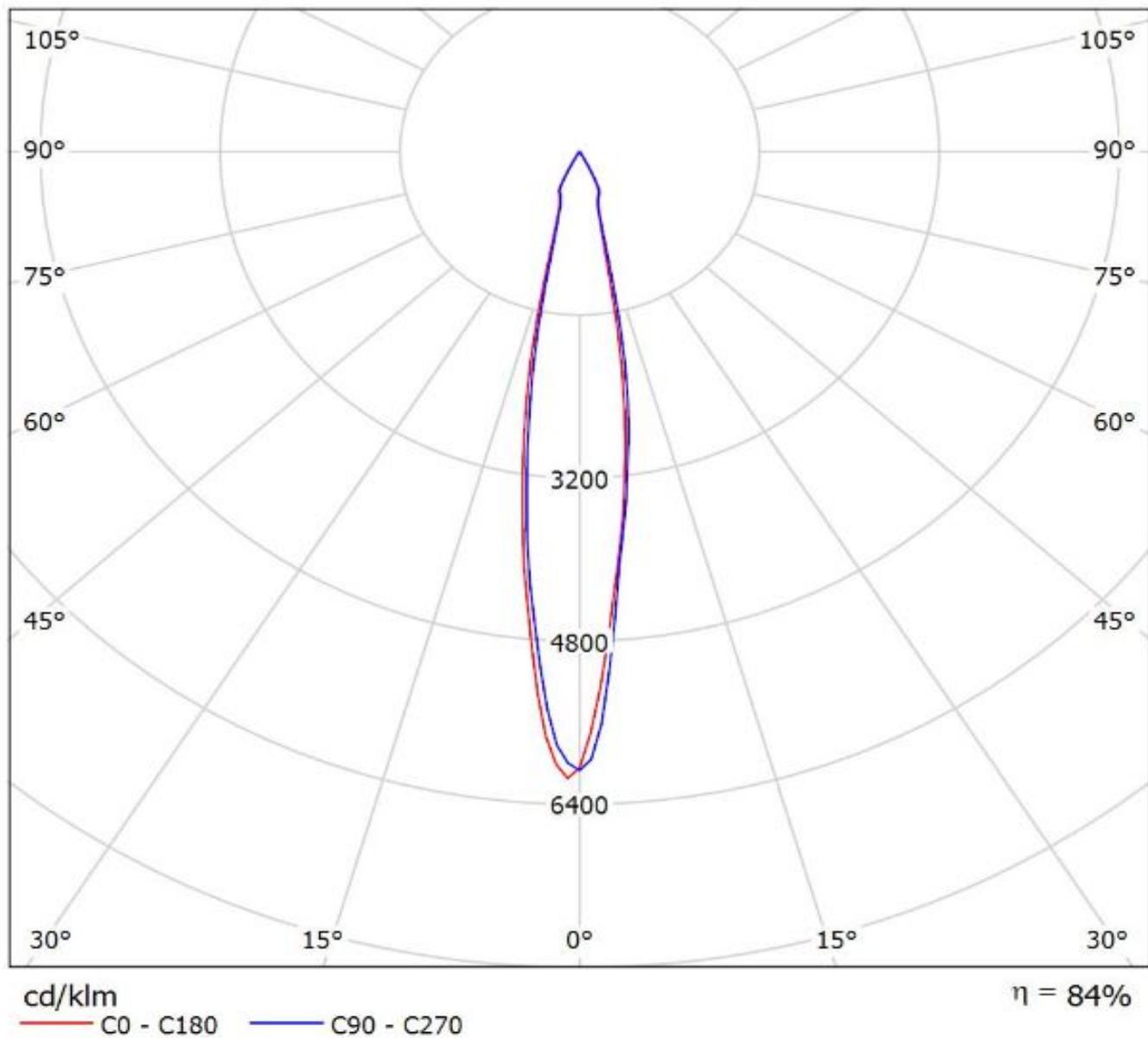


Luminaire: LEDiL Oy C12154_LENA-M_(CLU044_+_8102-G2_+_S-8000-12)
Lamps: 1 x Citizen_CLU044_(1212B8-303M1A2)_546.982lm@100mA_P=3.2W_I=0.1A



Luminaire: LEDiL Oy C12154_LENA-M_(SOLERIQ_P13)

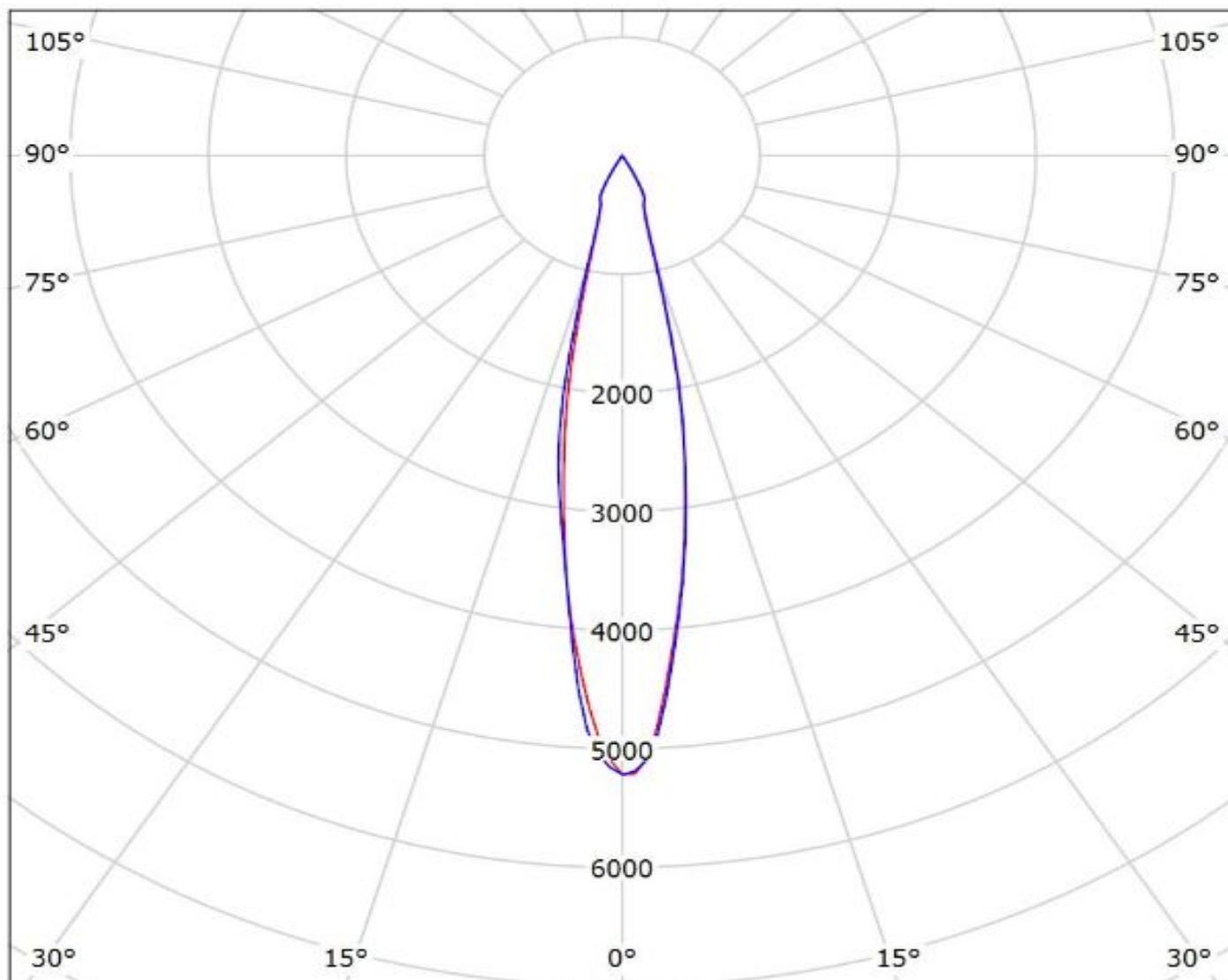
Lamps: 1 x SOLERIQ_P13_(GW_MAGMB1.EM)_1018.49lm@250mA_CCT=3000K_P=8.79046W_I=249.8mA



Ledil C12154_LENA-M_(CLU034+_8101-G2+_S-8000-11) / LDC (Polar)

Luminaire: Ledil C12154_LENA-M_(CLU034+_8101-G2+_S-8000-11)

Lamps: 1 x Citizen_CLU034_(1205B8-303M1A2)_1178.79lm@250mA_P=8.5W_I=0.25A



cd/klm

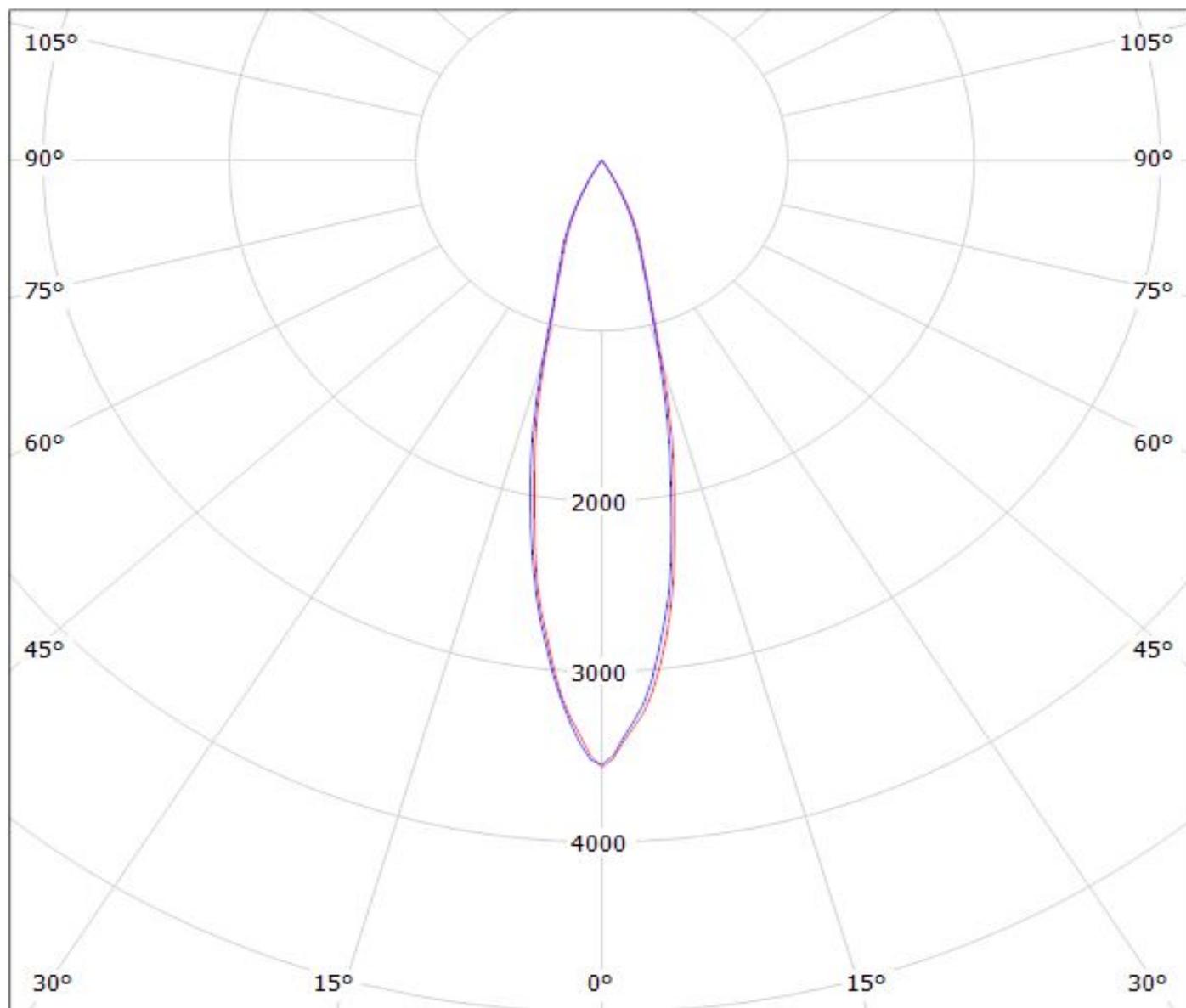
— C0 - C180

— C90 - C270

$\eta = 81\%$

Luminaire: LEDiL Oy C12154_LENA-M_(CLL040)

Lamps: 1 x Citizen_CLL040_(CLL040-1218A-50KL1A1)_1156.98lm@250mA_P=8.26164W_I=249.8mA



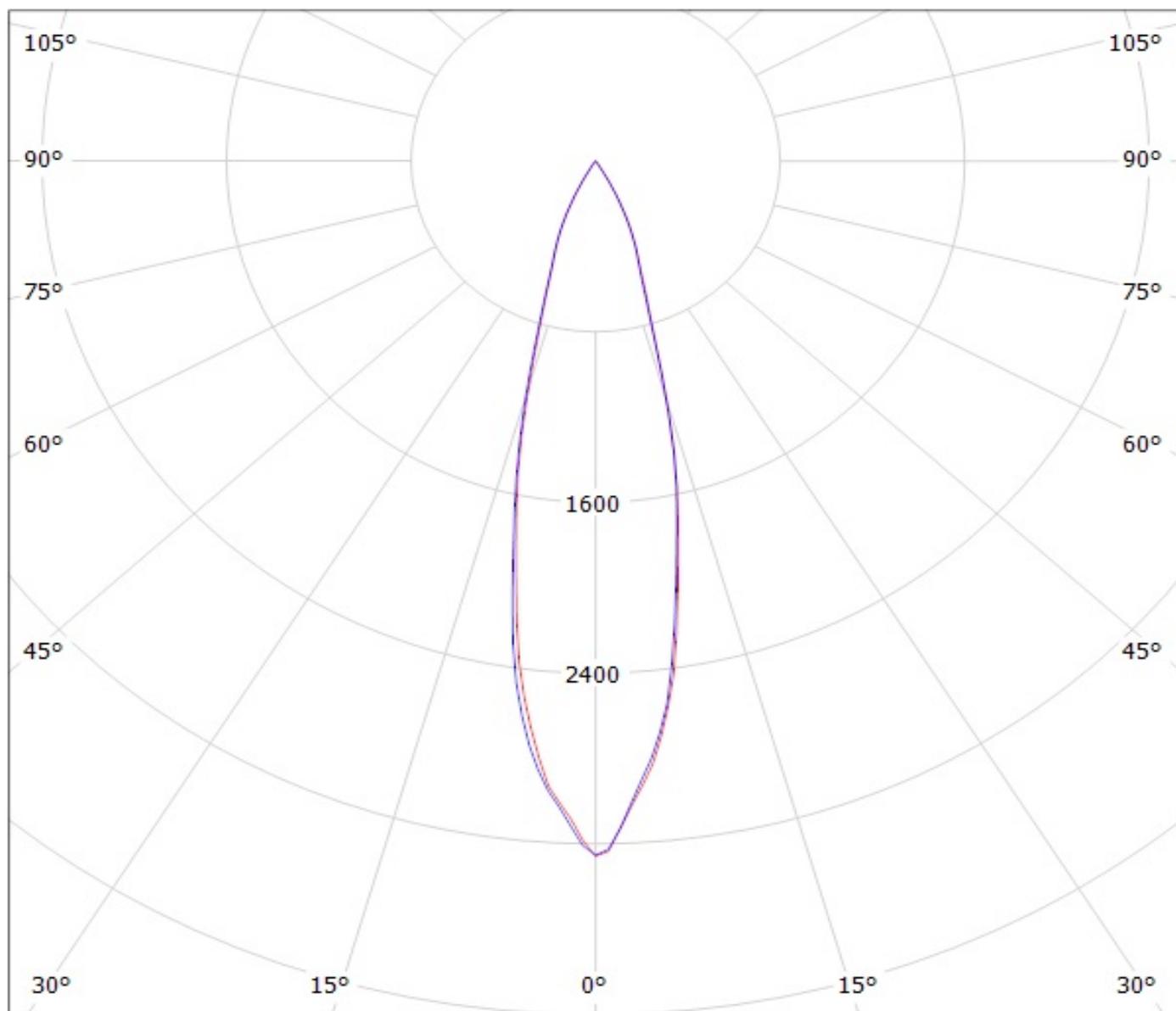
cd/klm

— C0 - C180

— C90 - C270

$\eta = 82\%$

Luminaire: LEDiL Oy C12154_LENA-M_(CLU044+_8102-G2+_S-8000-12)
Lamps: 1 x Citizen_CLU044_(1212B8-303M1A2)_546.982lm@100mA_P=3.2W_I=0.1A



cd/klm

— C0 - C180 — C90 - C270

$\eta = 76\%$

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.
- Reflector is made of aluminium coated PC (120 degrees of Celcius / 248 degrees of Fahrenheit) with protective lacquer (short term 100 degrees of Celcius / 212 degrees of Fahrenheit).

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.