PRODUCT DATASHEET
Lena series
last update 23/2/2014

DETAILS

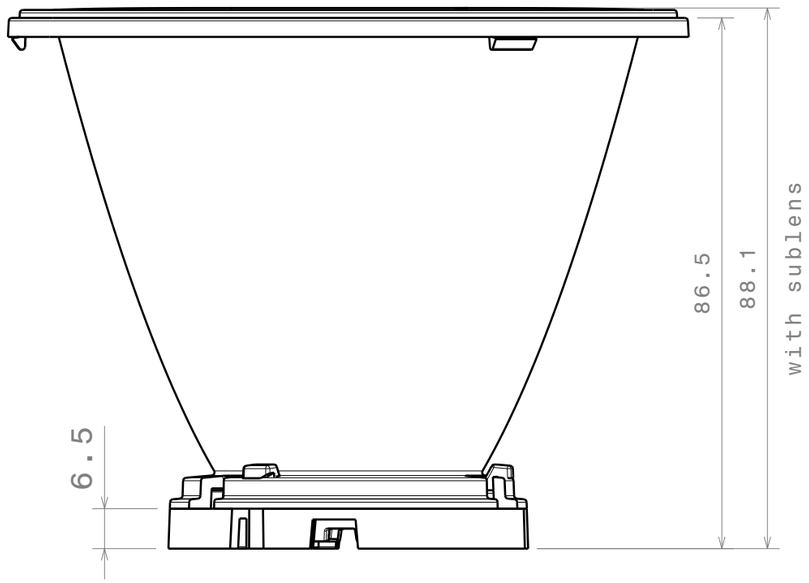
Product Number	CN12927_LENA-M
Family	Lena
Type	RefPack
Color	metal
Diameter	111 mm
Height	86.5 mm
Style	round
Optic Material	PC
Holder Material	PC
Fastening	socket, screw
Status	ready
ROHS Comliant	Yes
Date Updated	23/02/2014

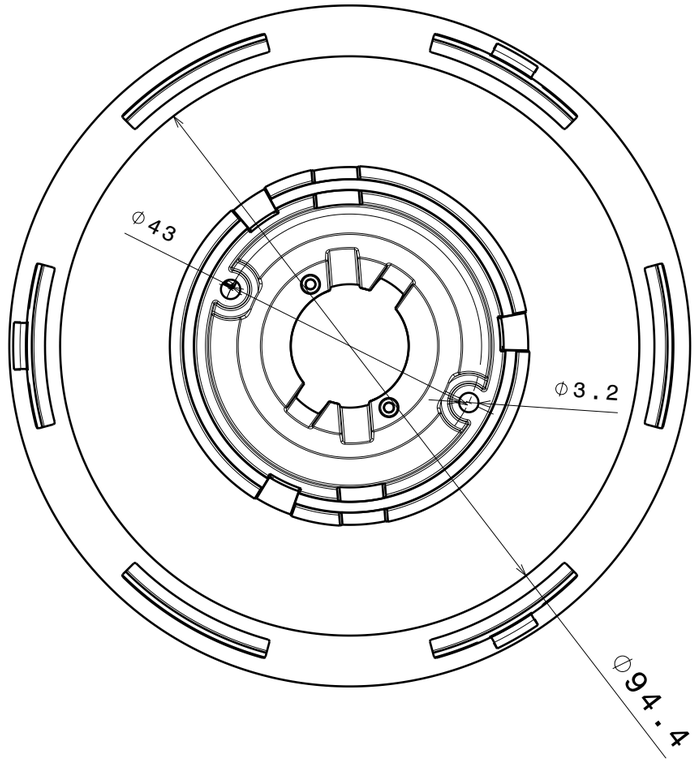
OPTICAL PROPERTIES

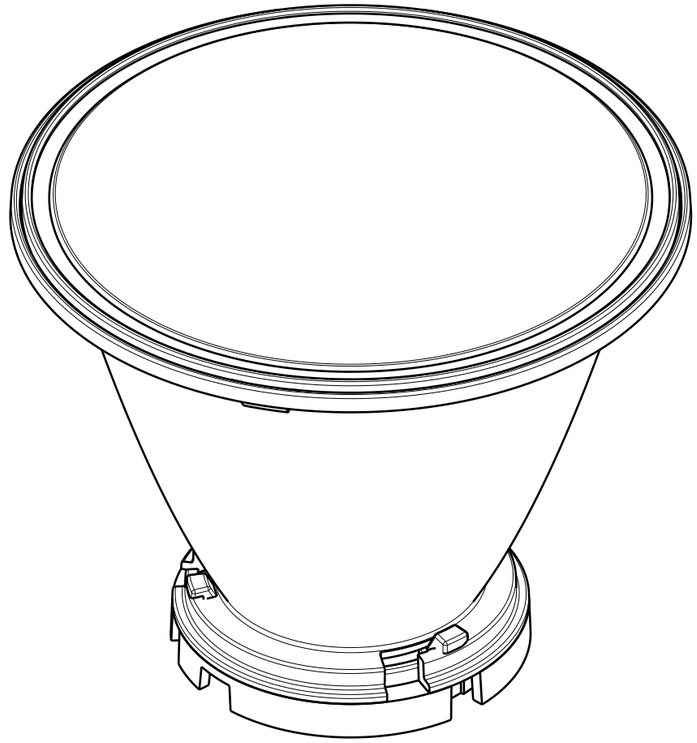
LED	Viewing Angle	Light Beam	Efficiency	cd/lm	connector
LUXEON K12	19 degrees		80 %	0.530	-
LUXEON K16	20 degrees		77 %	0.460	-

Ledil Oy
Salorankatu 10
24240 SALO
Finland

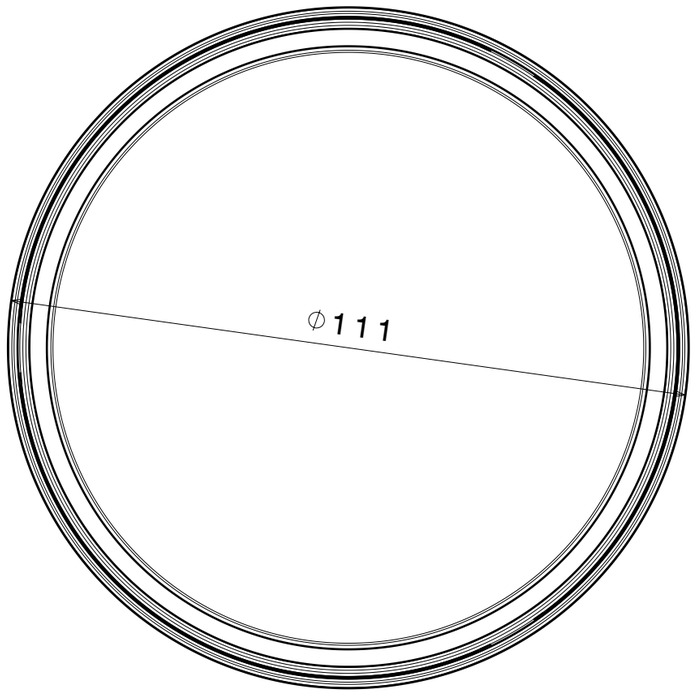
http://www.ledil.com
email: ledil@ledil.com
FAX: +358-2-733 8001

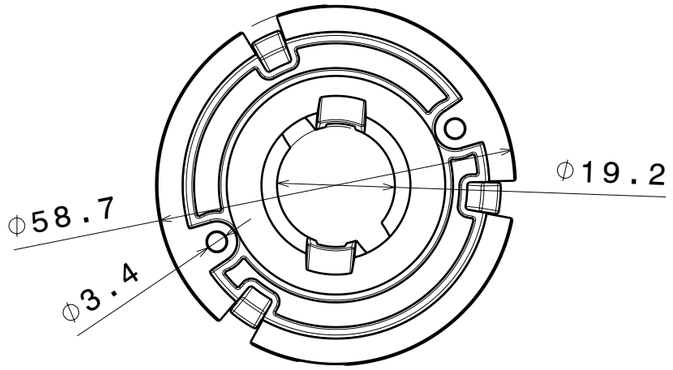






Isometric view





Base part designed for
Philips Lumileds LUXEON K, 12up and 16up versions

Material:

subLens
- PC

Reflector
- PC
- Metal coating and clear lacquer

Holder base
- PC
- Color white

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DRAWN BY	as	DATE	3.8.2012
CHECKED BY	vs	DATE	3.8.2012
DESIGNED BY	pl	DATE	-

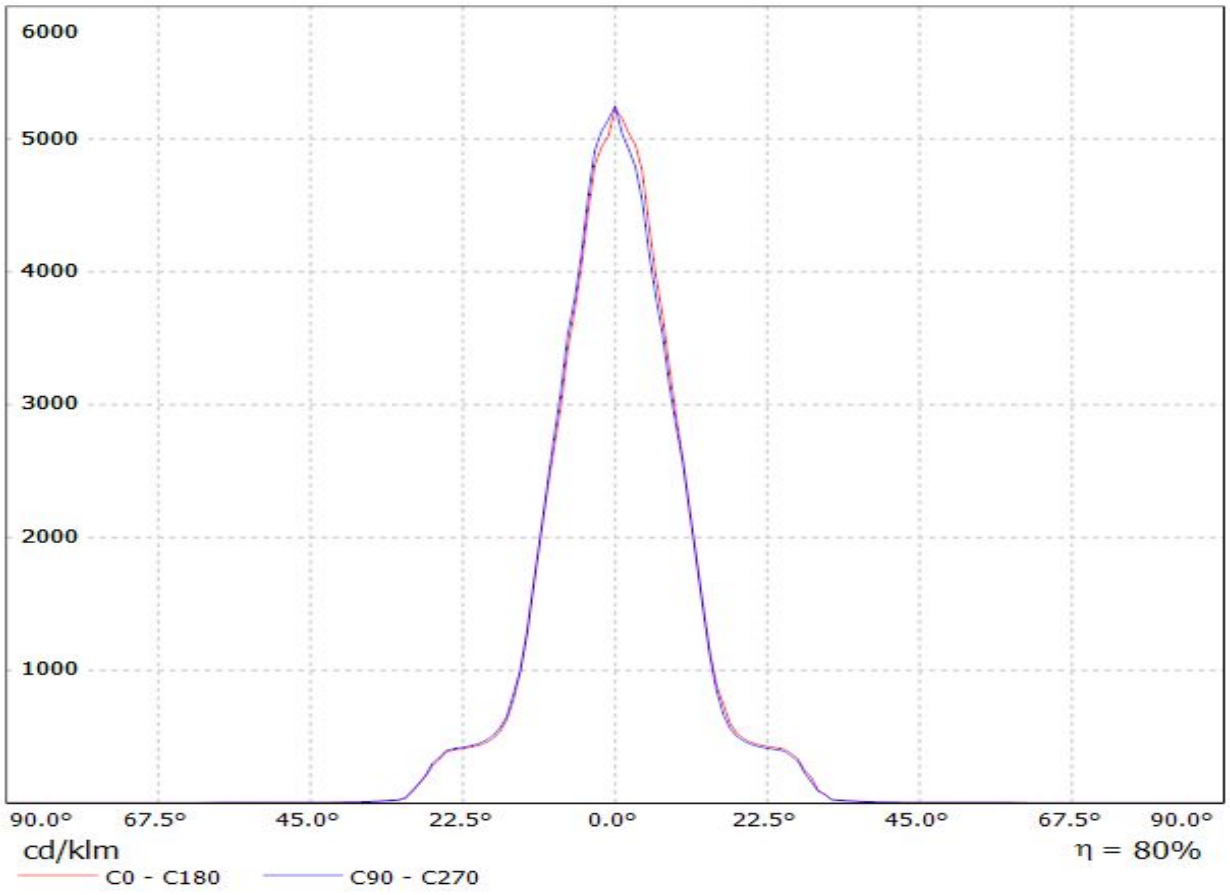
DRAWING TITLE: Part Drawing

LENA-LUXEON-K Mechanical drawing

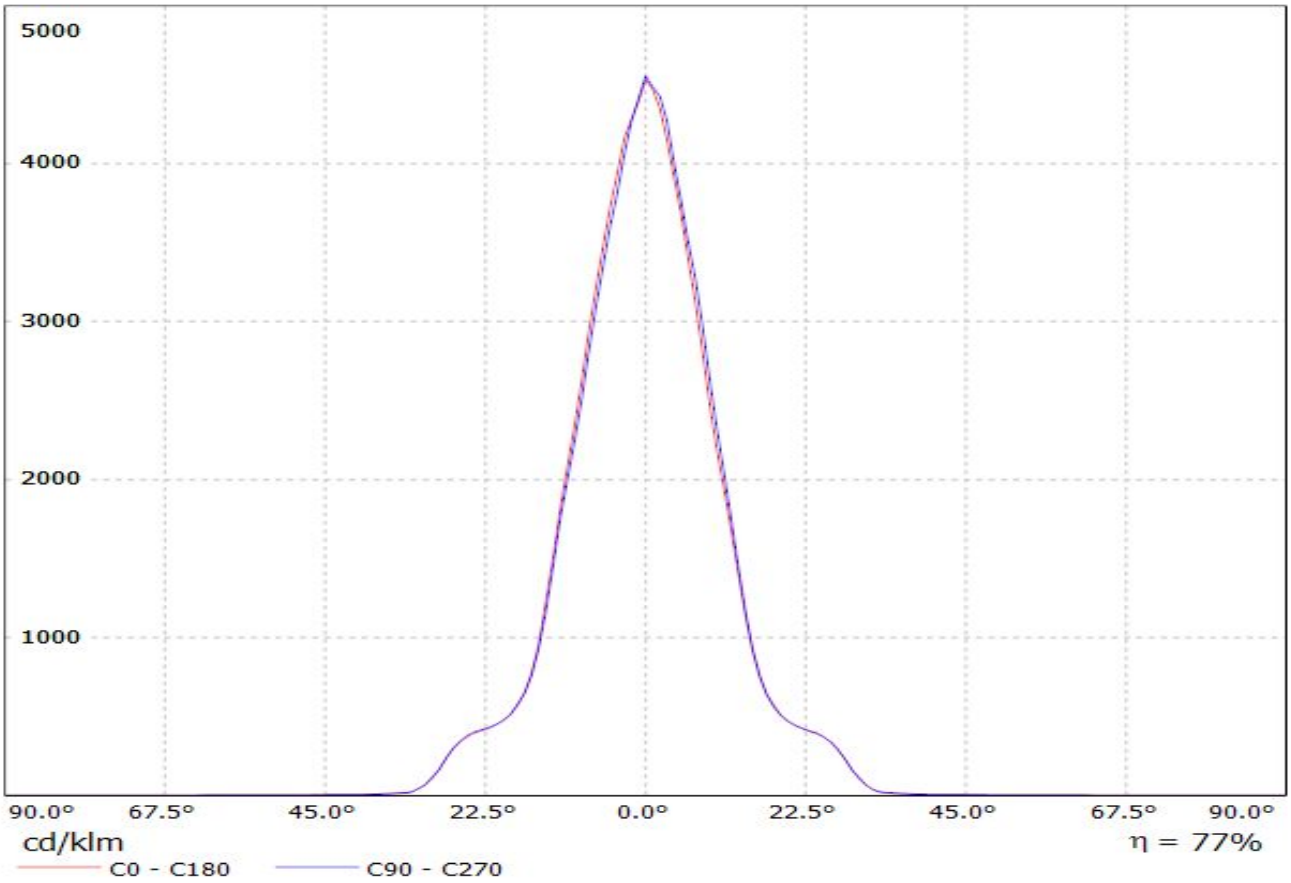
SIZE	PART NUMBER	REV
A3		001

SCALE 1:1 | WEIGHT | | SHEET 1/1

Luminaire: LEDiL Oy CN12927_LENA-M_(Luxeon_K12) Eff.79.7%
Lamps: 1 x Luxeon K12 (808.51lm@250mA)



Luminaire: LEDiL Oy CN12927_LENA-M_(Luxeon_K16) Eff.77.2%
Lamps: 1 x Luxeon_K16 (1208.05lm@250mA)



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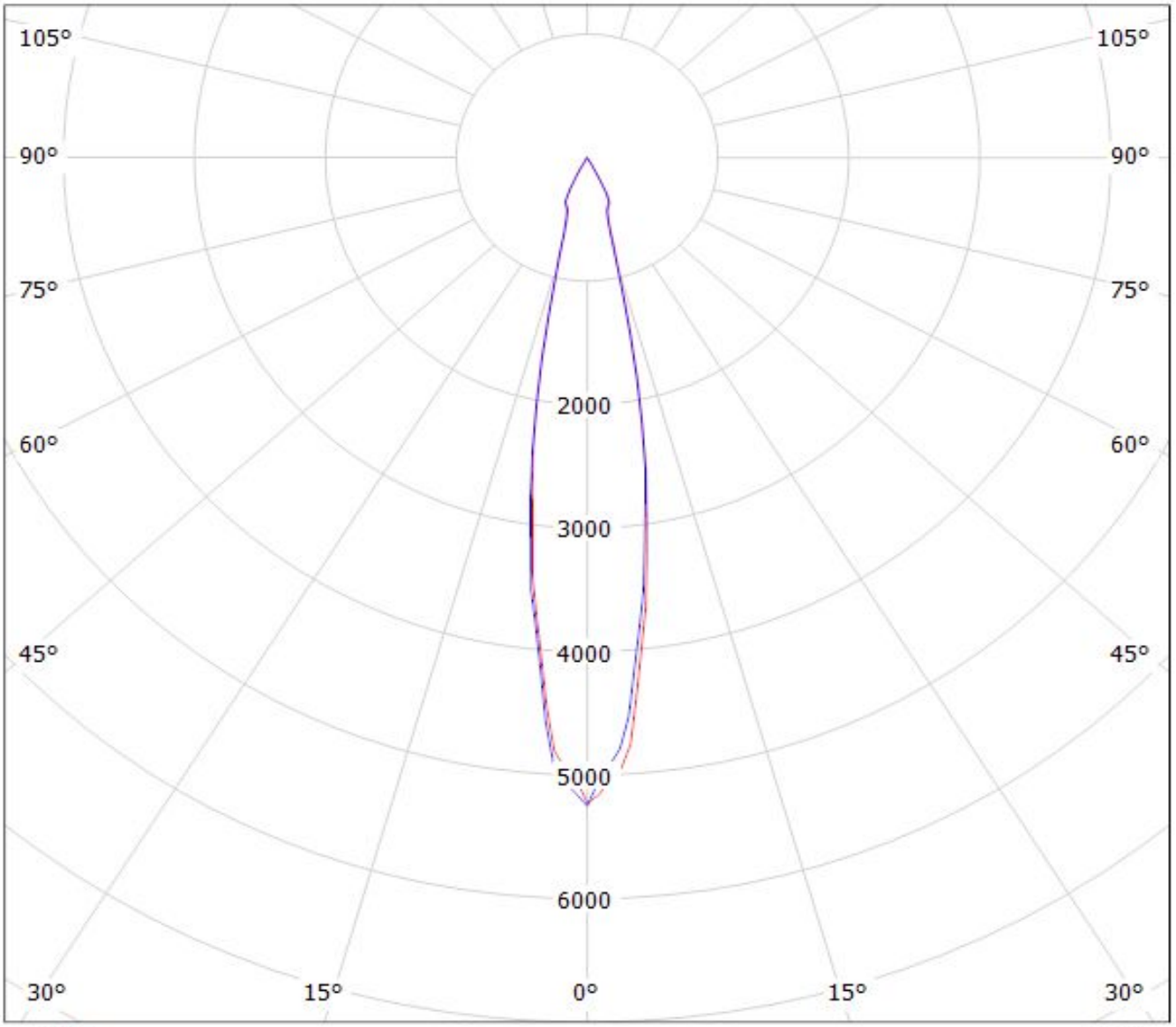

cd/klm

η = 80%

C0 - C180

C90 - C270

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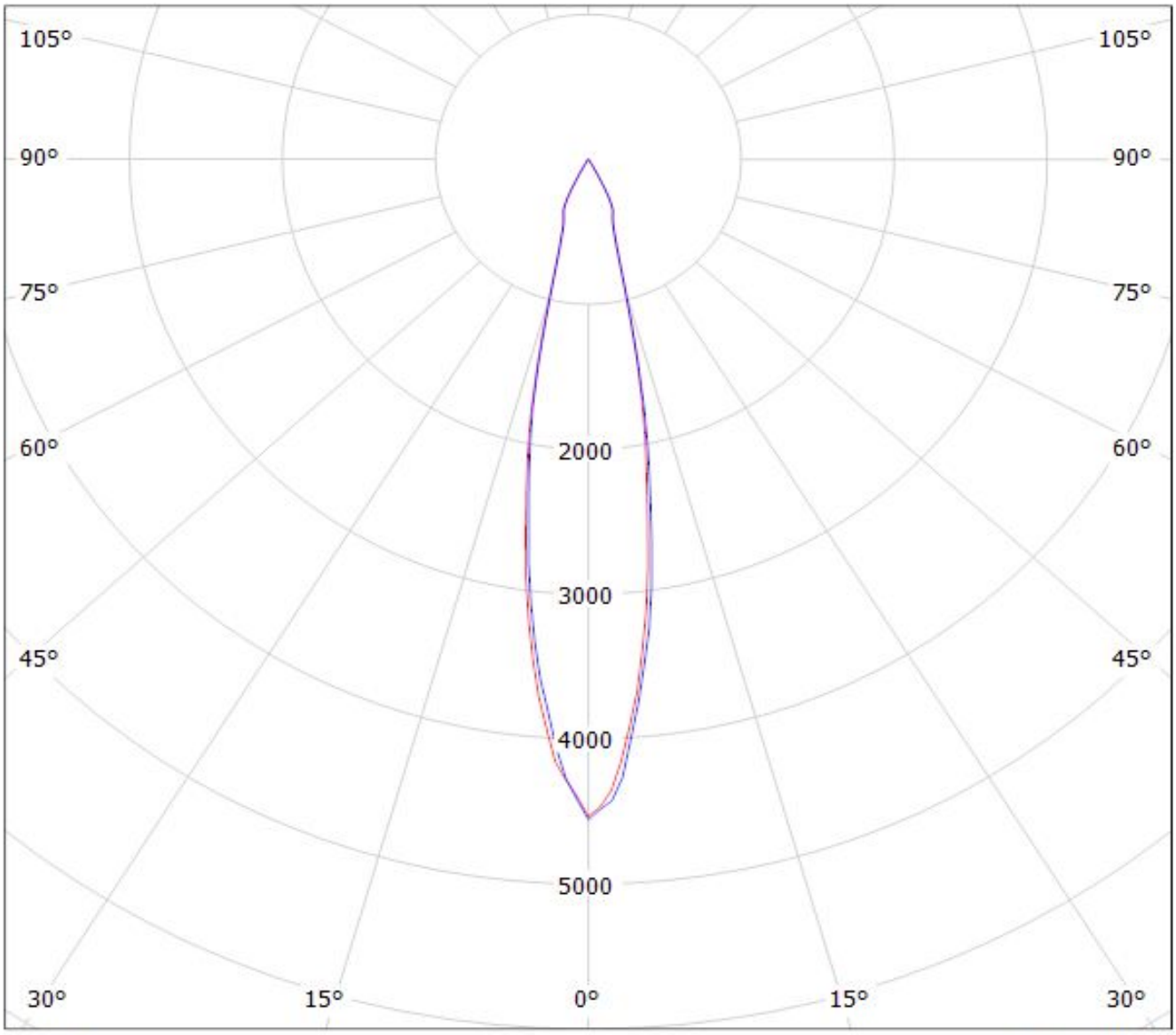

cd/klm

η = 77%

C0 - C180 C90 - C270

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).