# PRODUCT DATASHEET
# Lenina series
last update 31/10/2016

## DETAILS

| | |
|---|---|
| **Product Number** | CN12644_LENINA-S |
| **Family** | Lenina |
| **Type** | RefPack |
| **Color** | metal |
| **Diameter** | 74 mm |
| **Height** | 45,6 mm |
| **Style** | round |
| **Optic Material** | |
| **Holder Material** | |
| **Fastening** | screw |
| **Status** | production ready |
| **ROHS Comliant** | Yes |
| **Date Updated** | 31/10/2016 |

## OPTICAL PROPERTIES

| LED | Viewing Angle | Light Beam | Effi-ciency | cd/lm | Connector |
|---|---|---|---|---|---|
| LUXEON CoB 1204/1205 | 18 deg | Spot | 88 % | 4.500 | - |
| LUXEON CoB 1208 | 20 deg | Spot | 89 % | 3.900 | - |
| COB J-Type | 20 deg | Spot | 88 % | 3.790 | - |
| Mega Zenigata (GW5DGC) | 17 deg | Spot | 88 % | - | - |
| Mega Zenigata (GW6DME) | 19 deg | Spot | 88 % | 3.940 | - |



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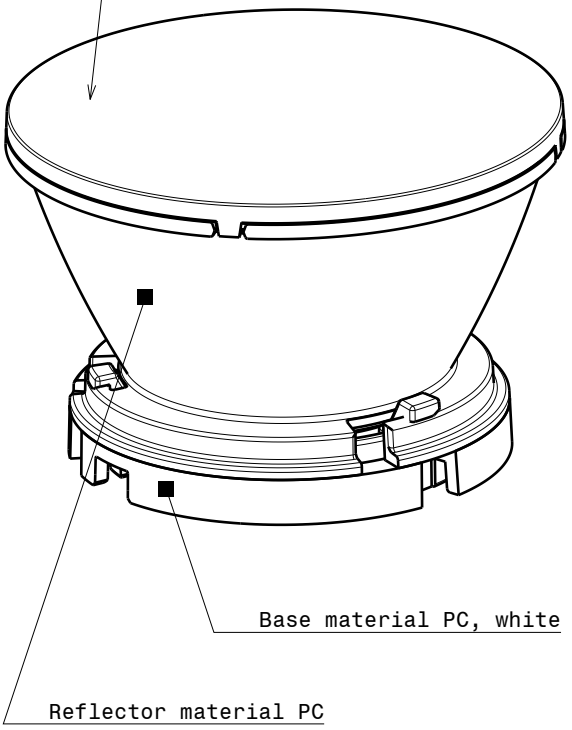


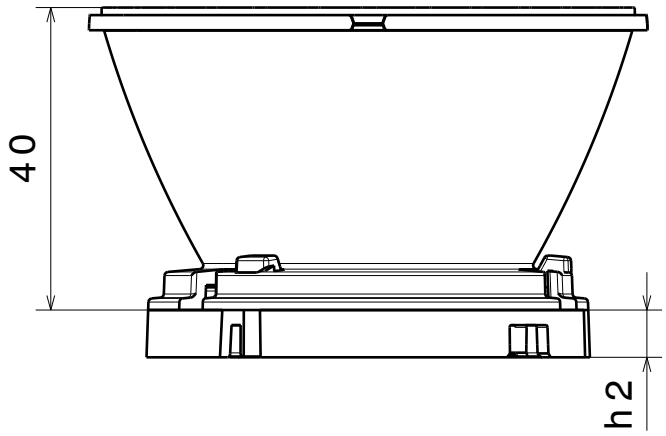


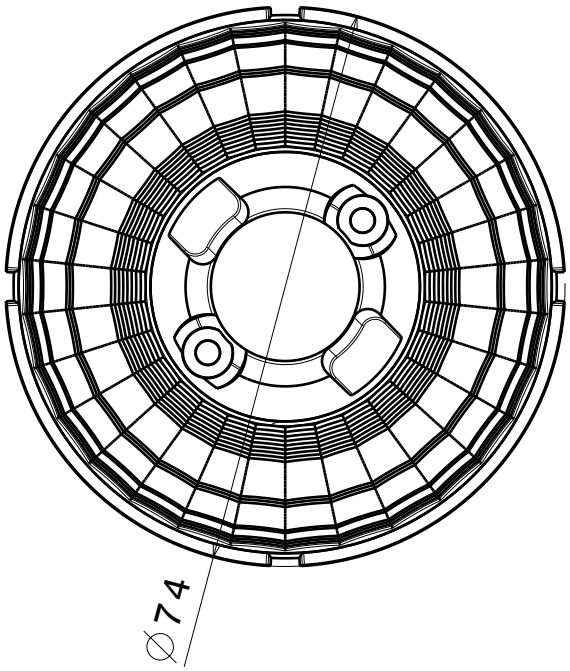


NOTE:

Using optional sublens, add 2.1mm
to the system height

Dimension 'h2' varies from 4.5mm to
7mm depending on the LED specific base part



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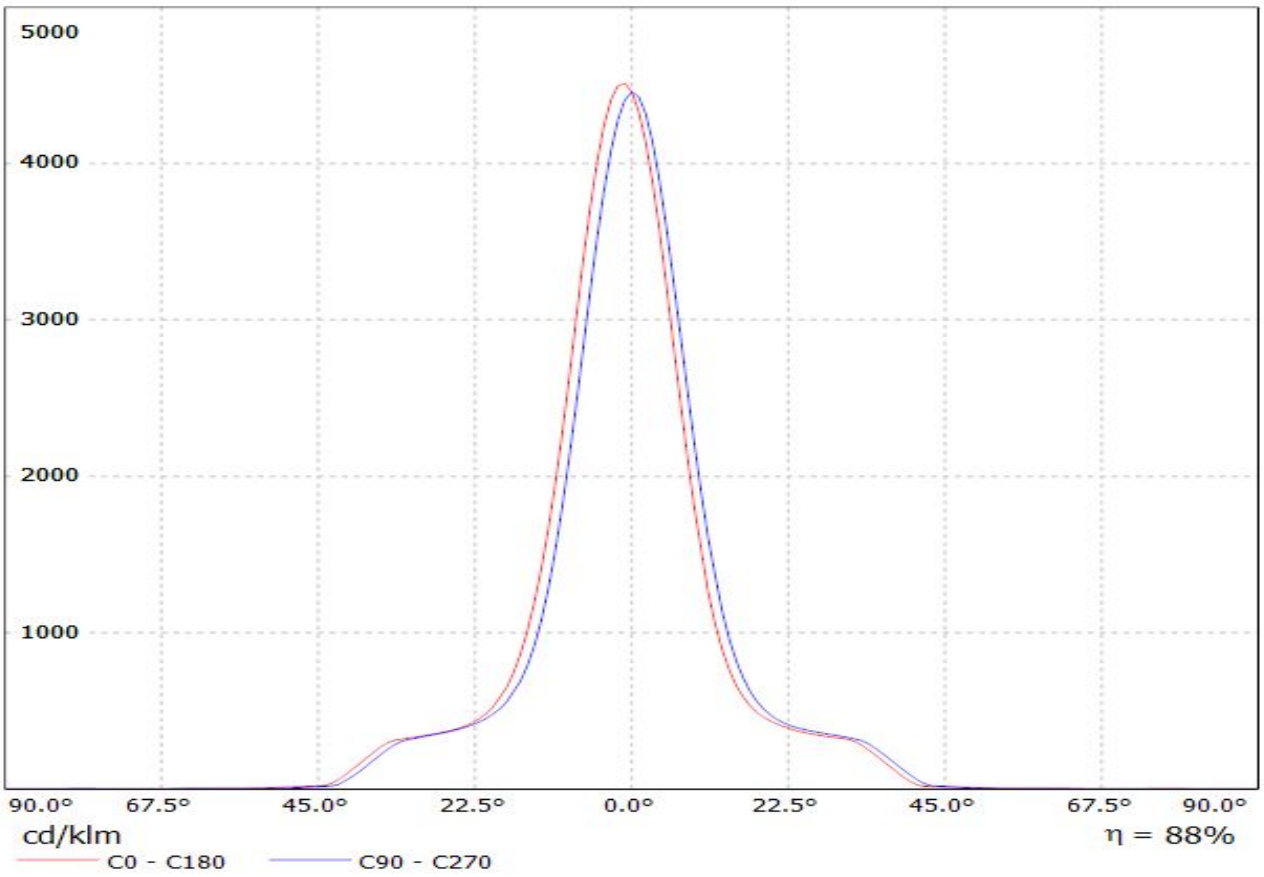
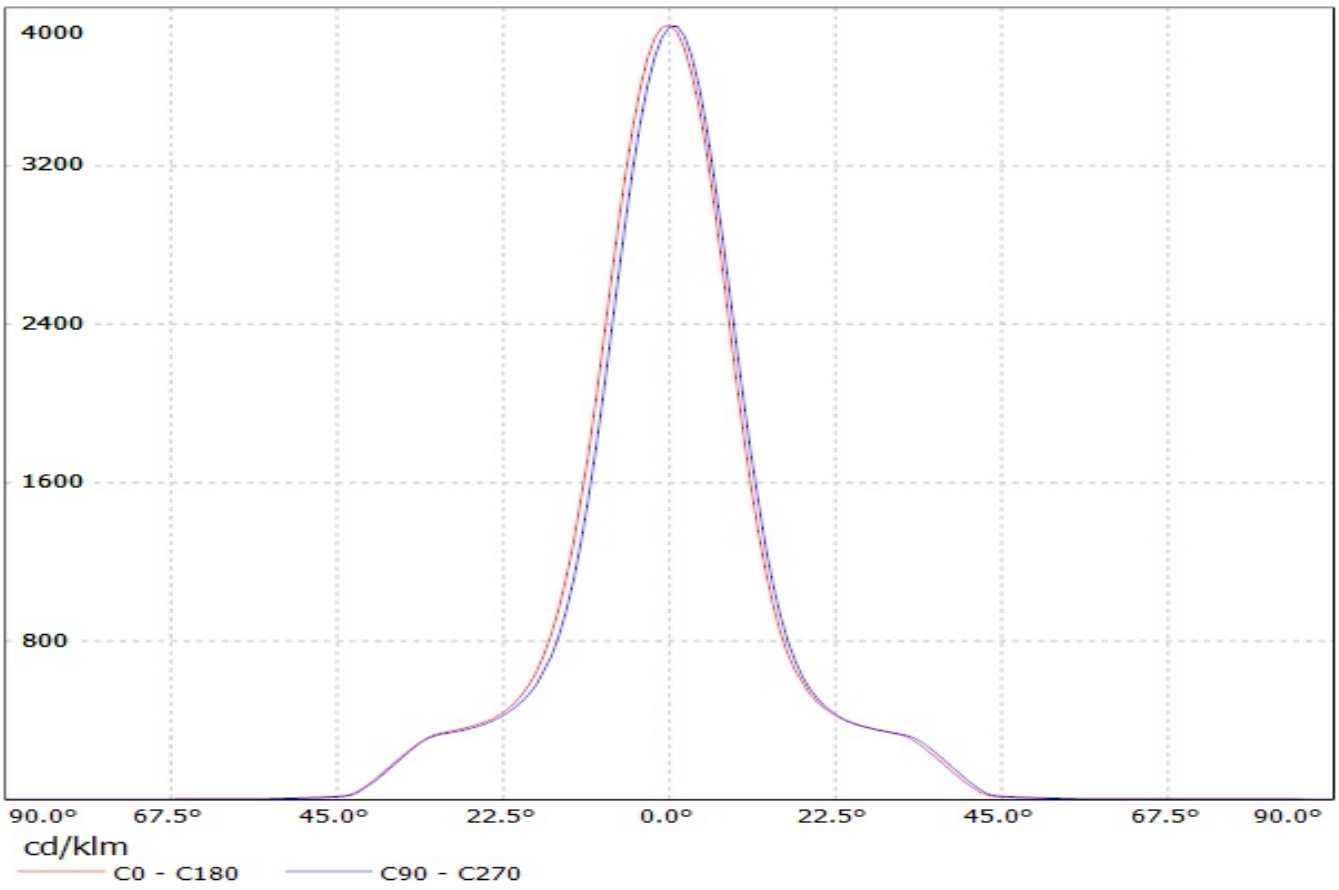
| | | | | |
|---|---|---|---|---|
| DRAWN BY: ks | DATE: 23.04.2014 | DRAWING TITLE: Datasheet Lenina series | | |
| CHECKED BY | DATE | SIZE: A4 | DRAWING NUMBER: -- | REV: 1 |
| DESIGNED BY: pl | DATE: 08.03.2012 | SCALE: 1:1 | WEIGHT(g) | SHEET: 1/1 |

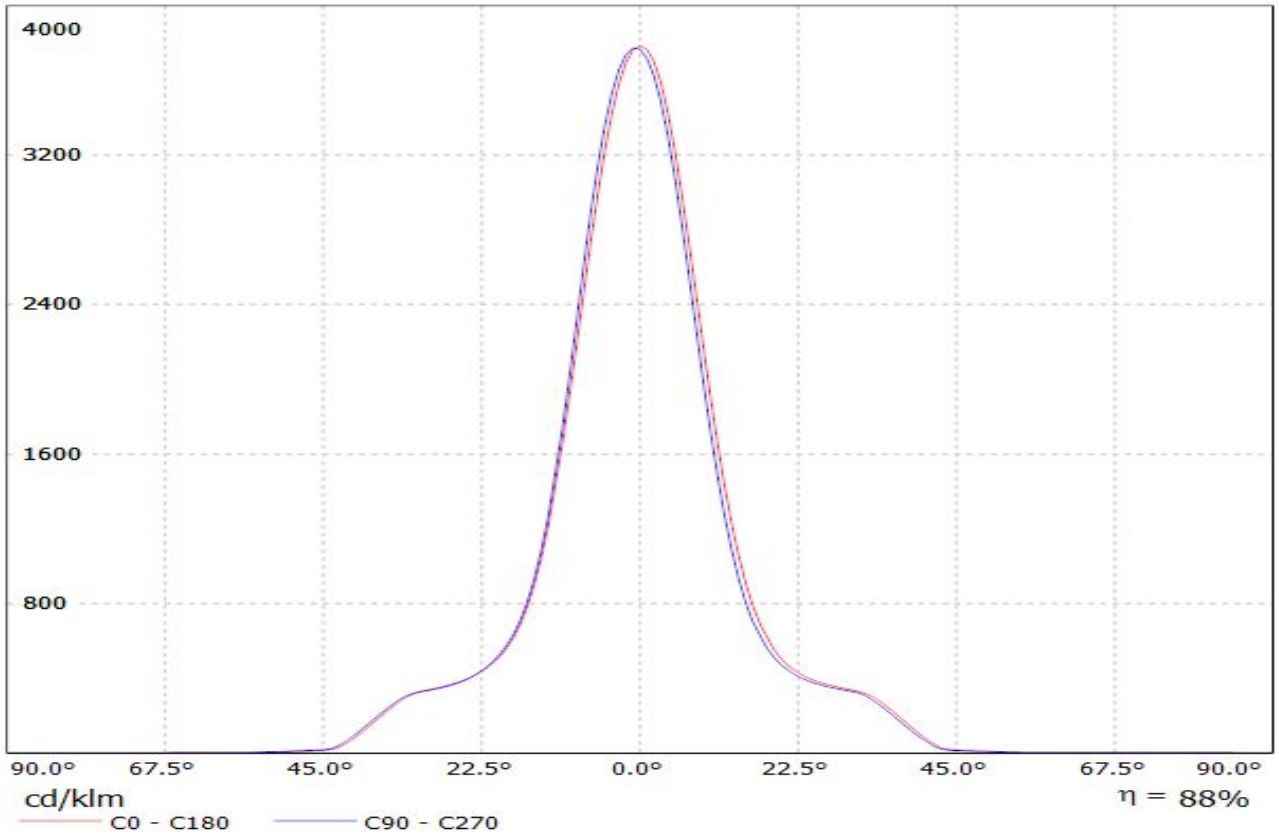
Luminaire: LEDiL Oy CN12644_LENINA-S_(LUXEON_CoB_1205) Eff: 88 %
Lamps: 1 x LUXEON CoB 1205 (LHC1-3080-1205) 1106lm@250mA CCT=3000K P=8.3W I=250mA



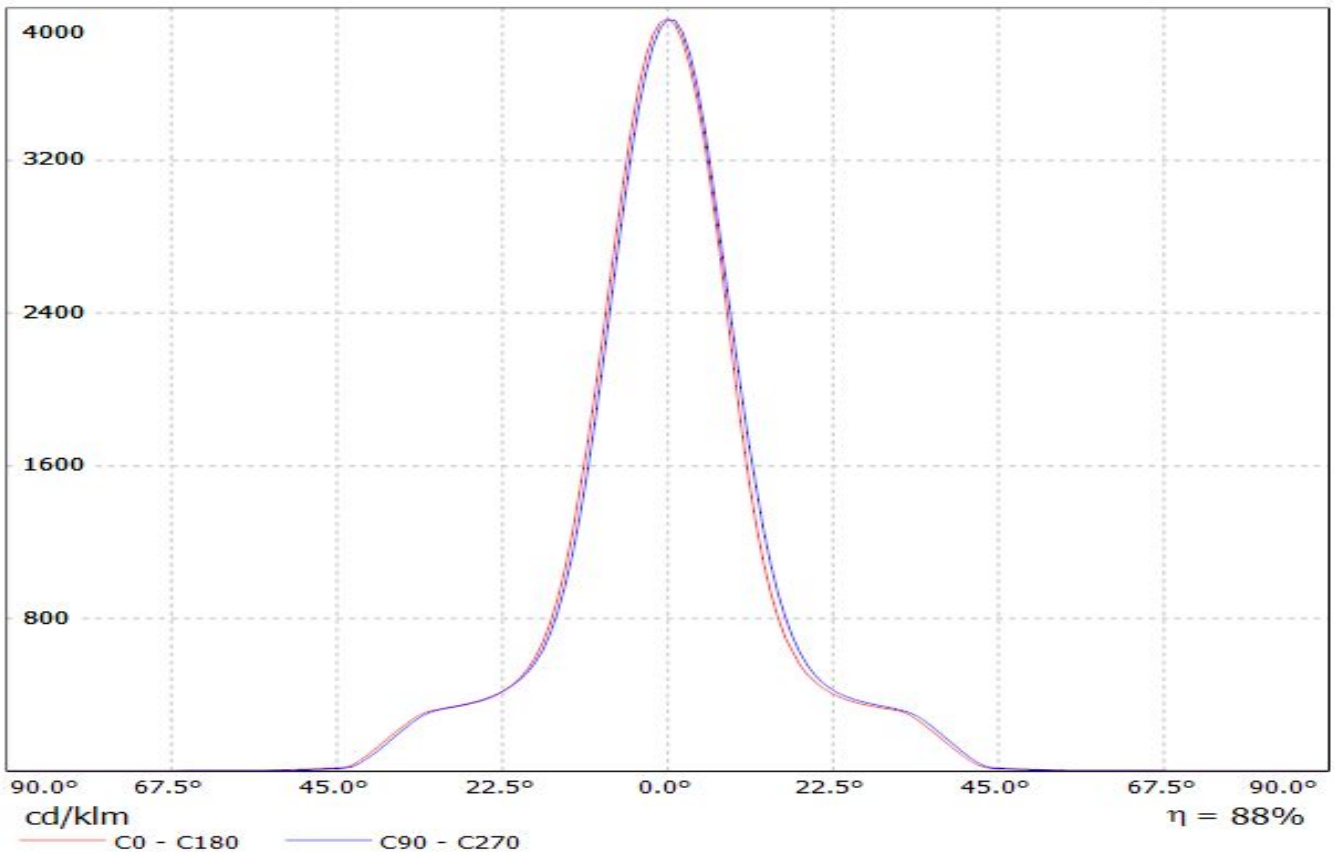
Luminaire: LEDiL Oy CN12644_LENINA-S_(Luxeon_CoB_1208) Eff: 89 %
Lamps: 1 x Luxeon CoB 1208 (LHC1-3080-1208) 1065lm@250mA CCT=3000K P=8.3W I=250mA



Luminaire: LEDiL Oy CN12644_LENINA-S_(NSCxJ216A) Eff.88.2%
Lamps: 1 x NICHIA_NSCxJ216A_(NSCLJ216AE)_1073.33lm@250mA CCT=3000K P=8.11575W I=249.9mA



Luminaire: LEDiL Oy CN12644_LENINA-S_(Megazenigata_GW6D) Eff.87.8%
Lamps: 1 x SHARP_Megazenigata_(GW6DMC40NFC)_1087.39lm@250mA_P=8.48721W_I=249.8mA



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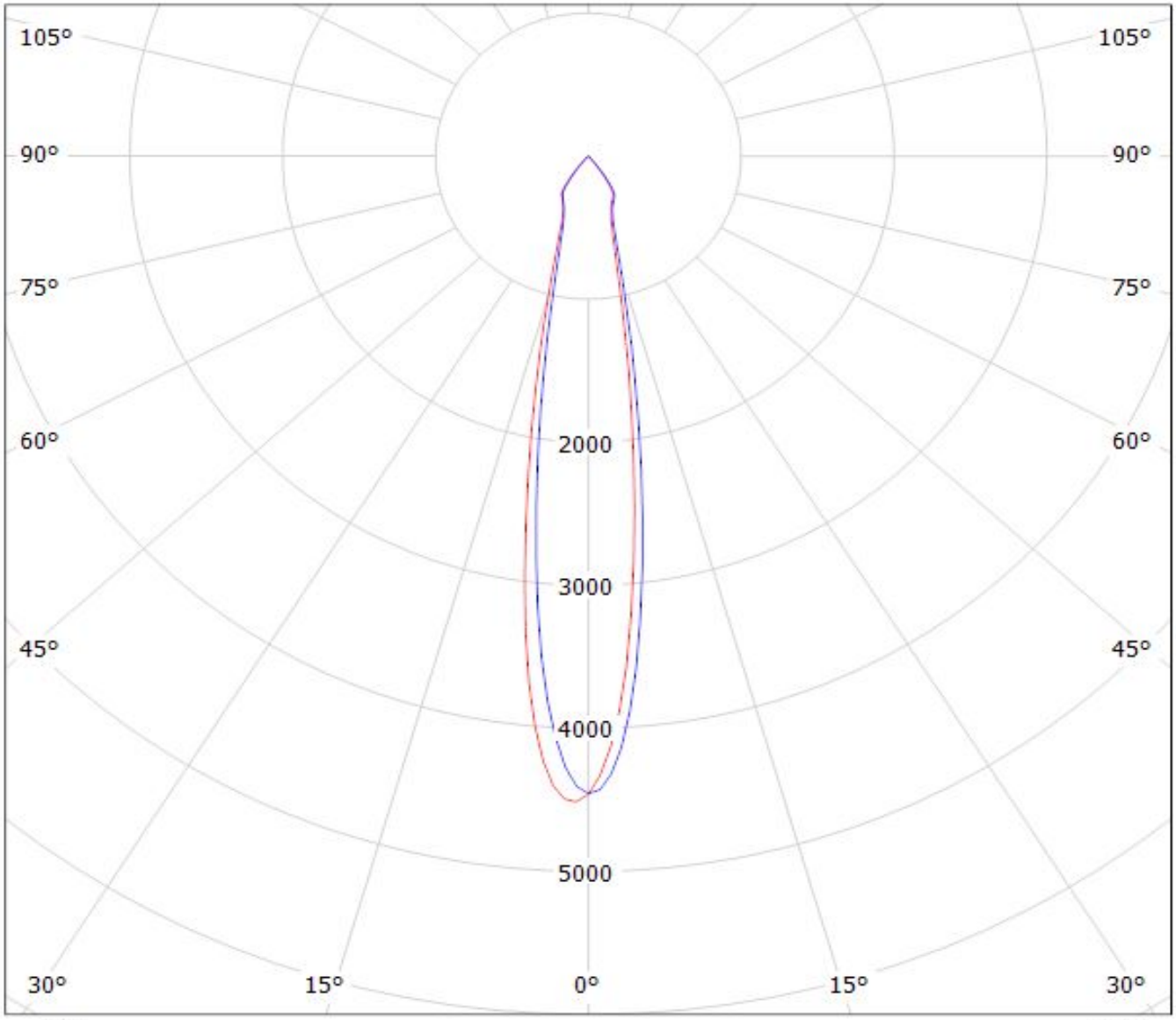

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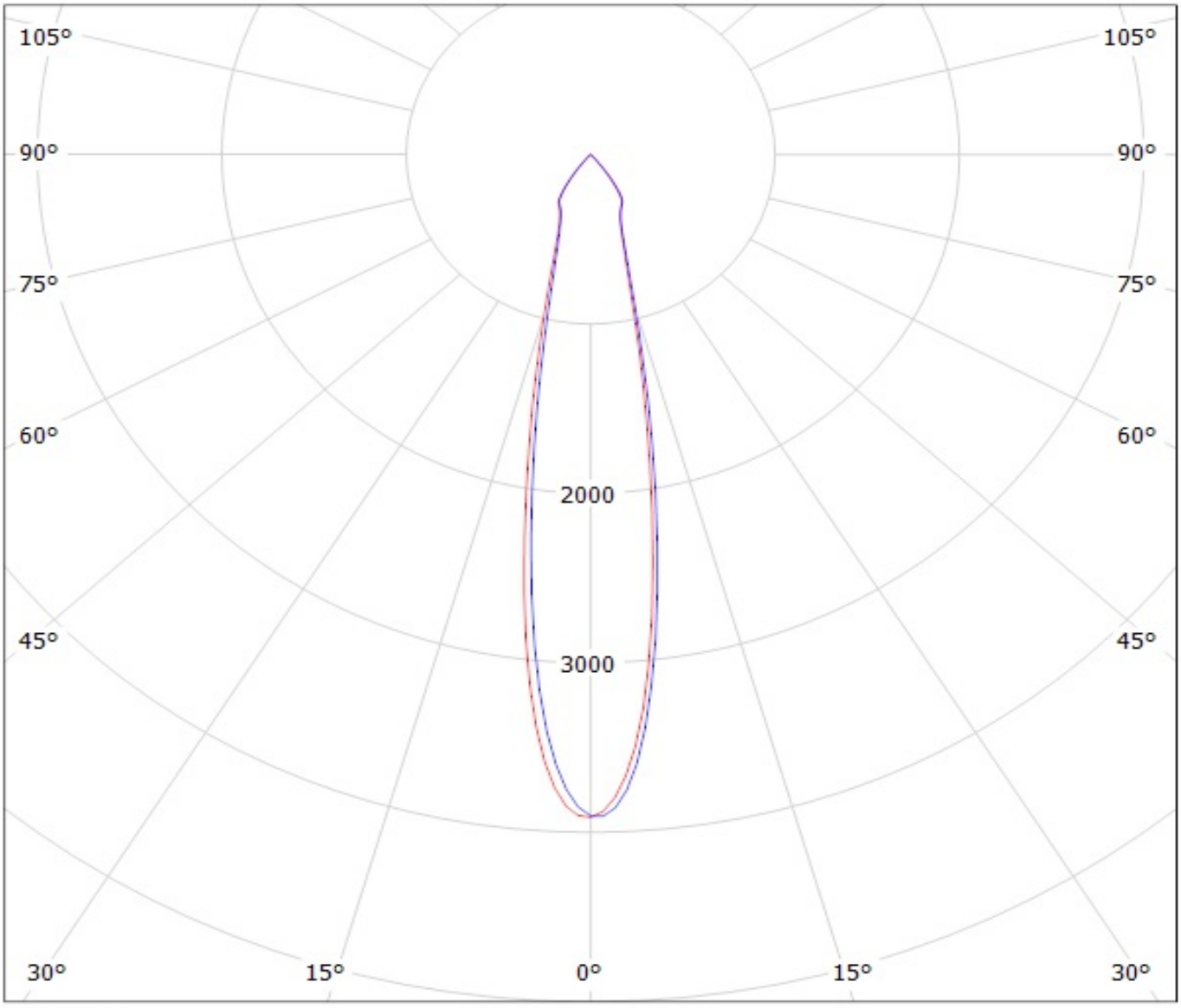

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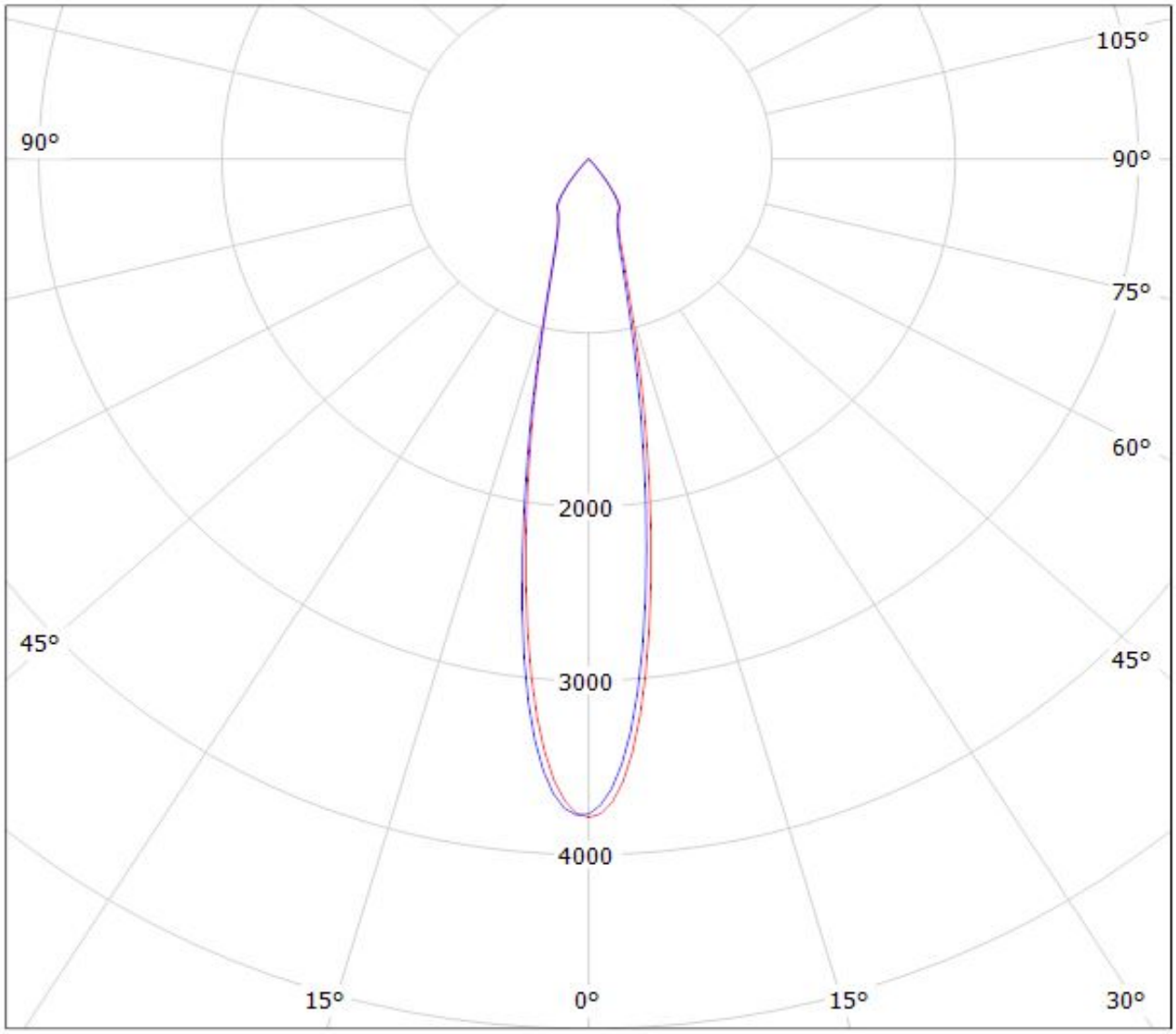


cd/klm

η = 88%

C0 - C180 C90 - C270

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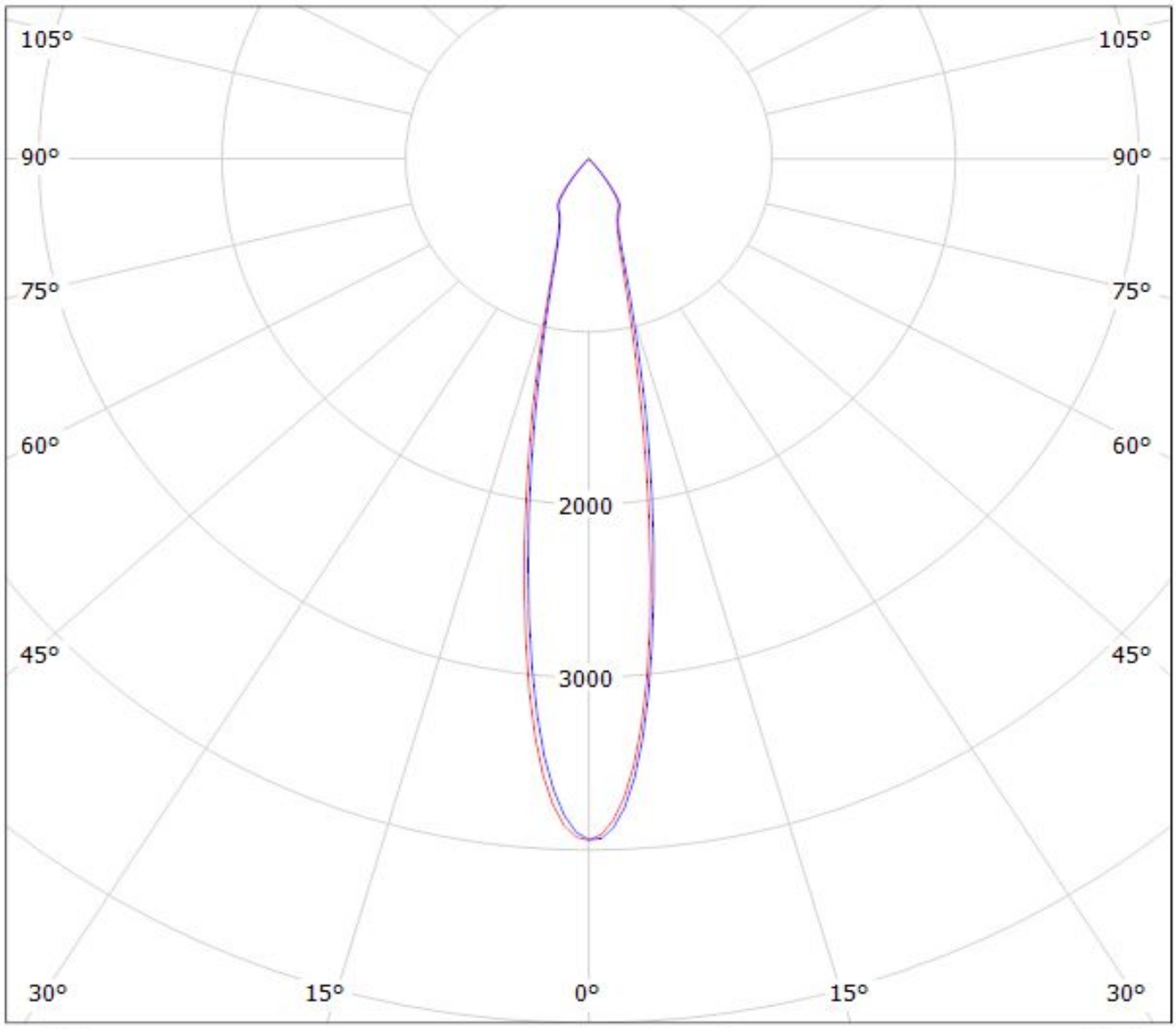
Lamps: 1 x SHARP_Megazenigata_(GW6DMC40NFC)_1087.39lm@250mA_P=8.48721W_I=249.8mA




cd/klm

η = 88%

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.

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.