# PRODUCT DATASHEET
# Leila series
last update 8/11/2013

## DETAILS



| | |
|---|---|
| **Product Number** | CA12262_LR2-RS |
| **Family** | Leila |
| **Type** | Assembly |
| **Color** | white |
| **Diameter** | 21.6 mm |
| **Height** | 14.3 mm |
| **Style** | round |
| **Optic Material** | PMMA |
| **Holder Material** | PC |
| **Fastening** | pin, tape |
| **Status** | ready |
| **ROHS Comliant** | Yes |
| **Date Updated** | 26/07/2013 |

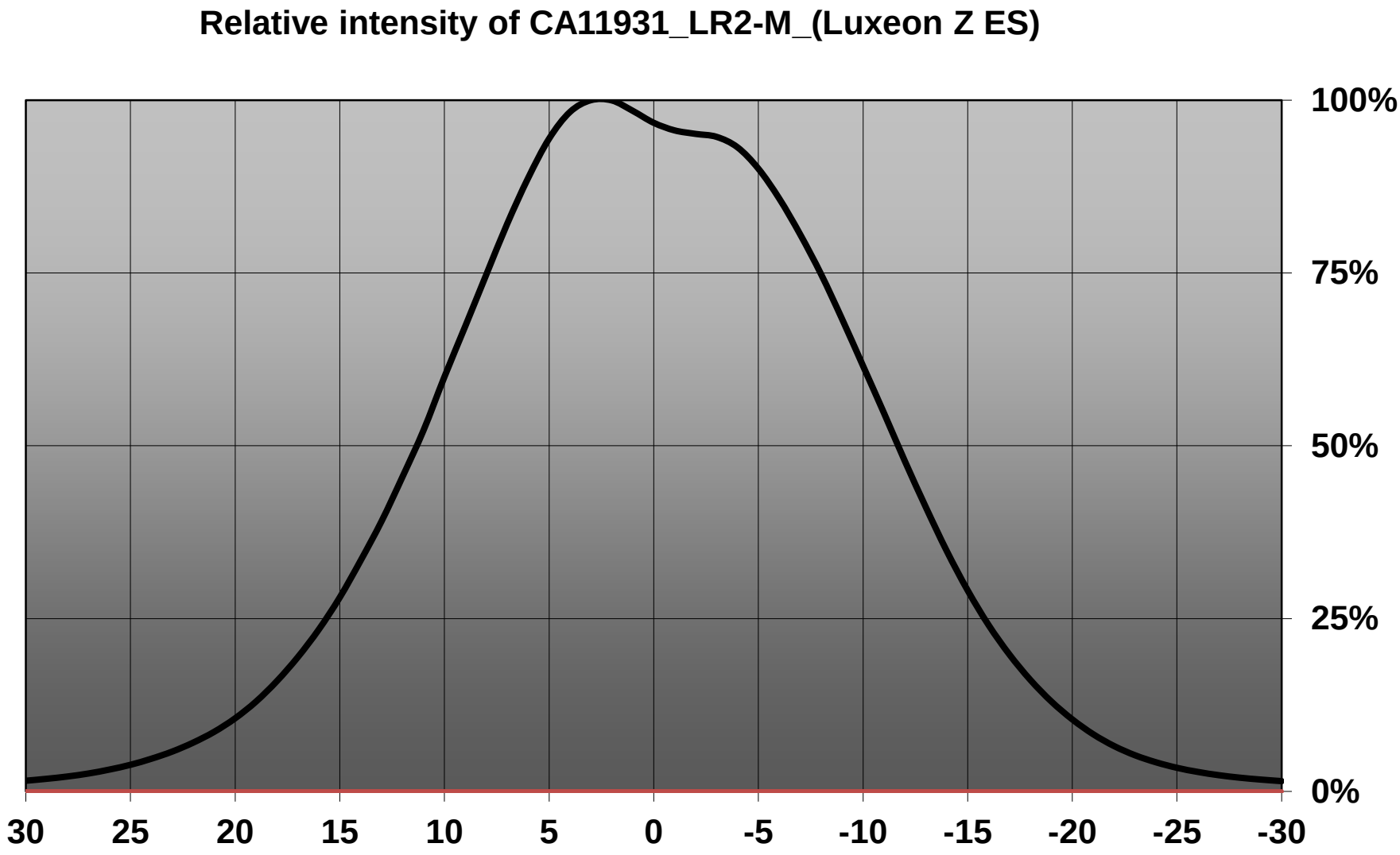
## OPTICAL PROPERTIES

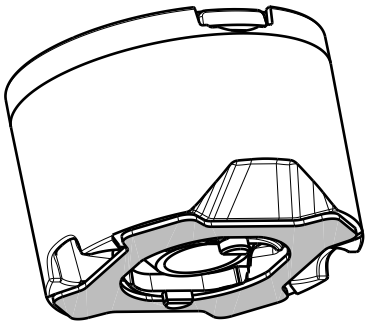
| LED | Viewing Angle | Light Beam | Effi-ciency | cd/lm | Connector |
|---|---|---|---|---|---|
| LUXEON Rebel | 8 deg | Real spot | 95 % | - | - |
| NCSxx19B | 10 deg | Real spot | 90 % | 21.700 | - |



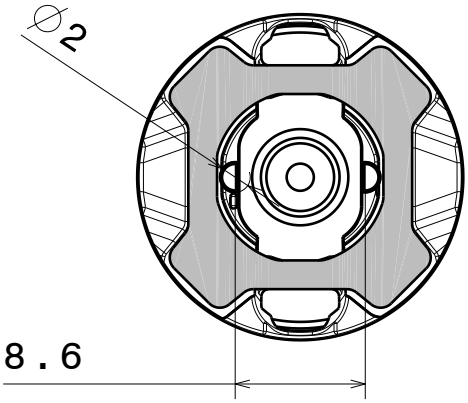
*Ledil Oy*
*Salorankatu 10*
*24240 SALO, Finland*

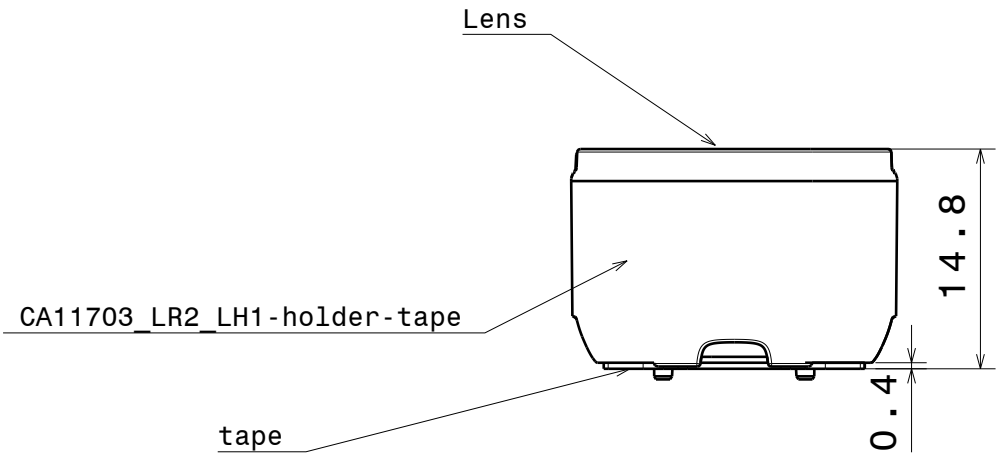
*http://www.ledil.com*
*email: ledil@ledil.com*
*FAX: +358-2-733 8001*

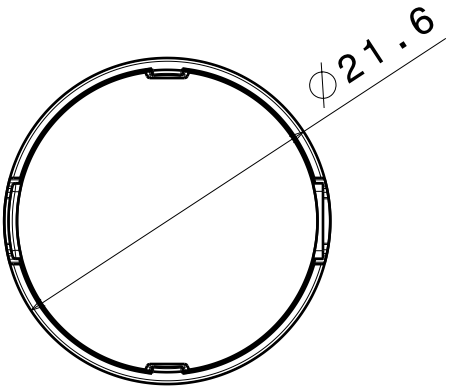

Relative intensity of CA11931_LR2-M_(Luxeon Z ES)
100%
75%
50%
25%
0%
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30



Isometric view




Top view

Materials:
Lens: PMMA
Holder: PC white
Tape: PU FOAM

Codes:
CA11929_LR2-ES-RS
CA11930_LR2-ES-D
CA11931_LR2-ES-M
CA11932-LR2-ES-O-90
CA12394_LR2-W-WHT

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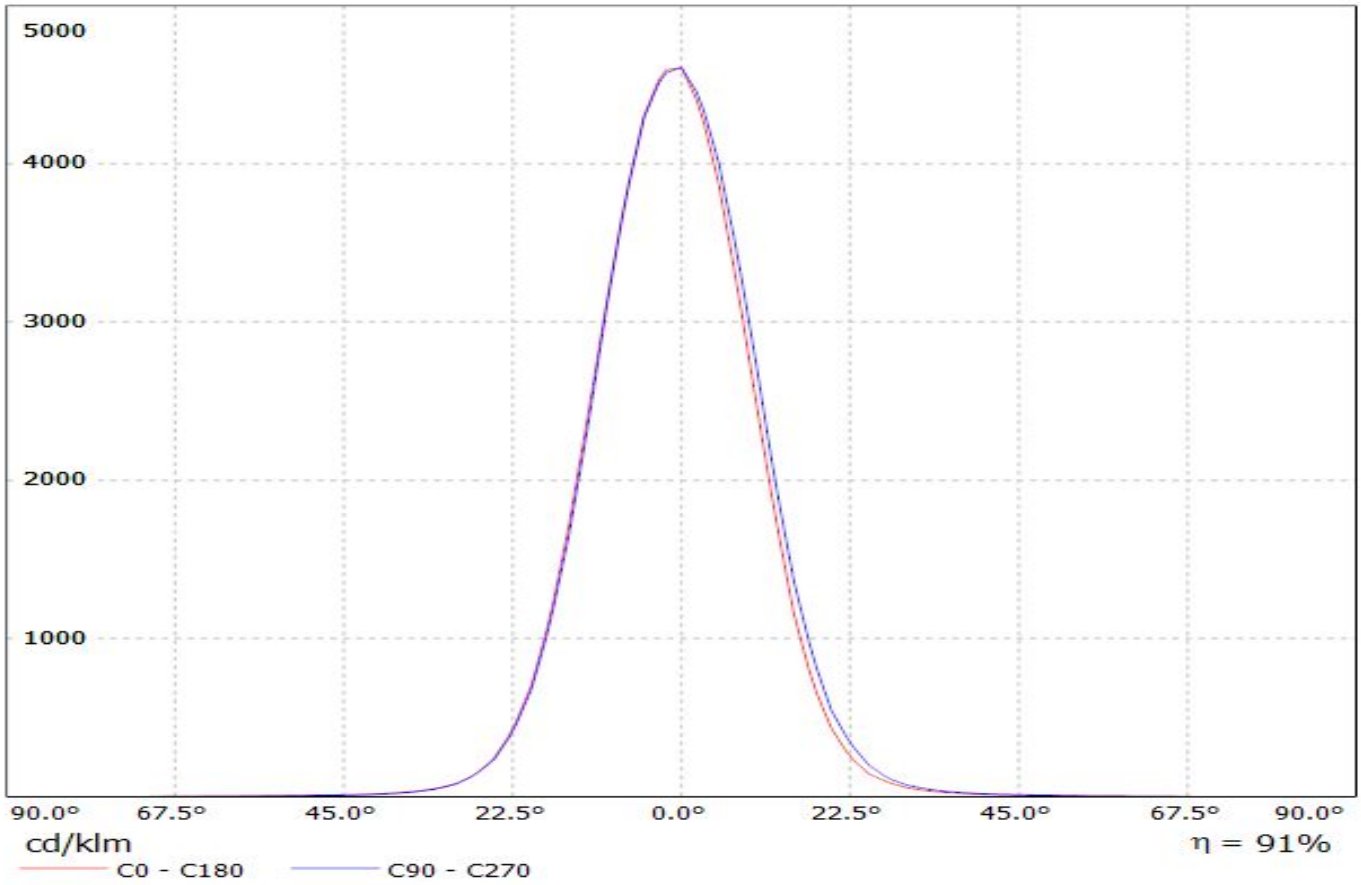
LEDIL

DRAWING TITLE

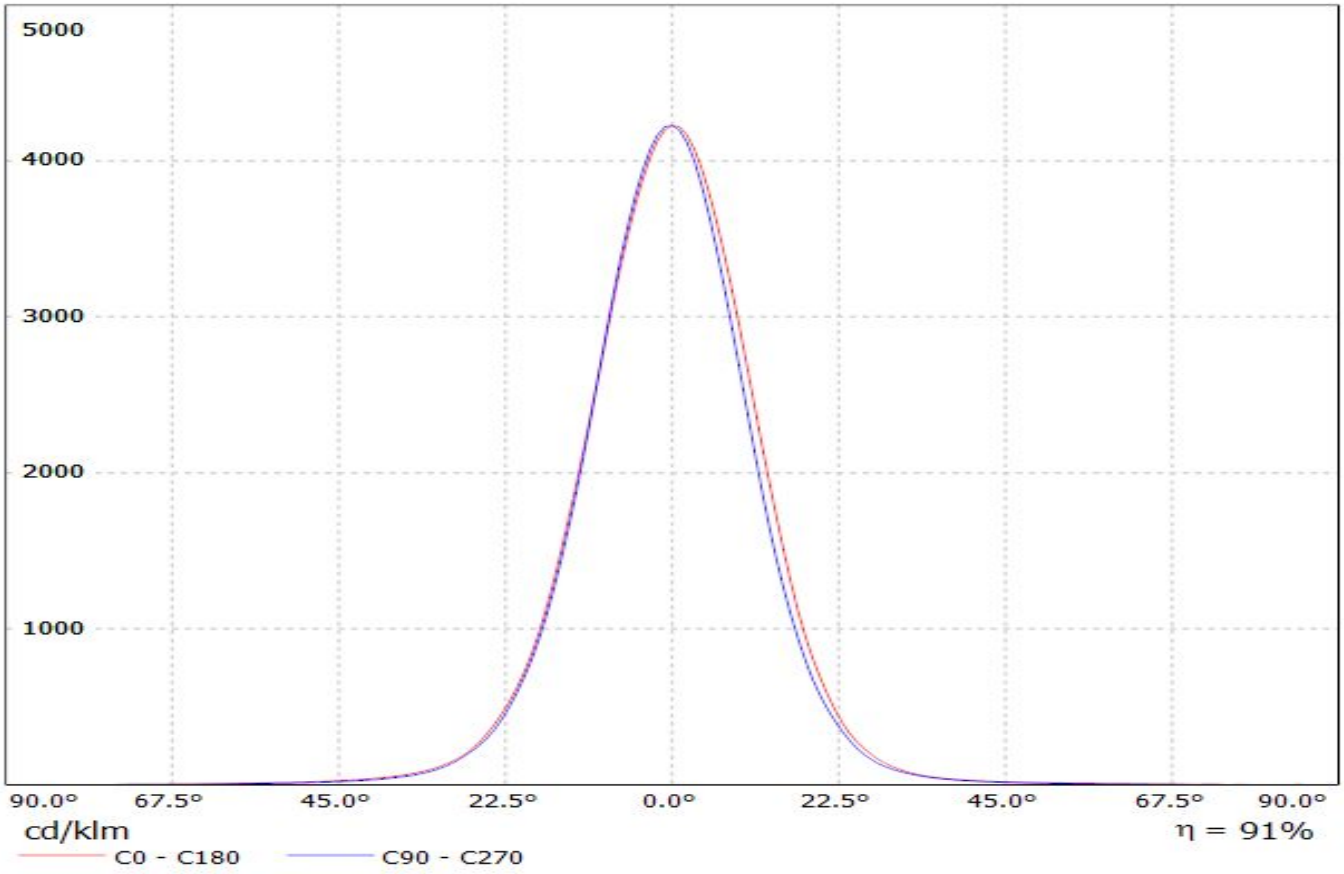
Datasheet LR2-ES series assy

| DRAWN BY | DATE | SIZE | DRAWING NUMBER | REV |
|---|---|---|---|---|
| a | 21.11.2011 | A4 | - | 2 |
| CHECKED BY | DATE | | | |
| s n | 21.11.2011 | | | |
| DESIGNED BY | DATE | SCALE 1:1 | WEIGHT(g) | SHEET 1/1 |
| pl | 27.08.2010 | | | |

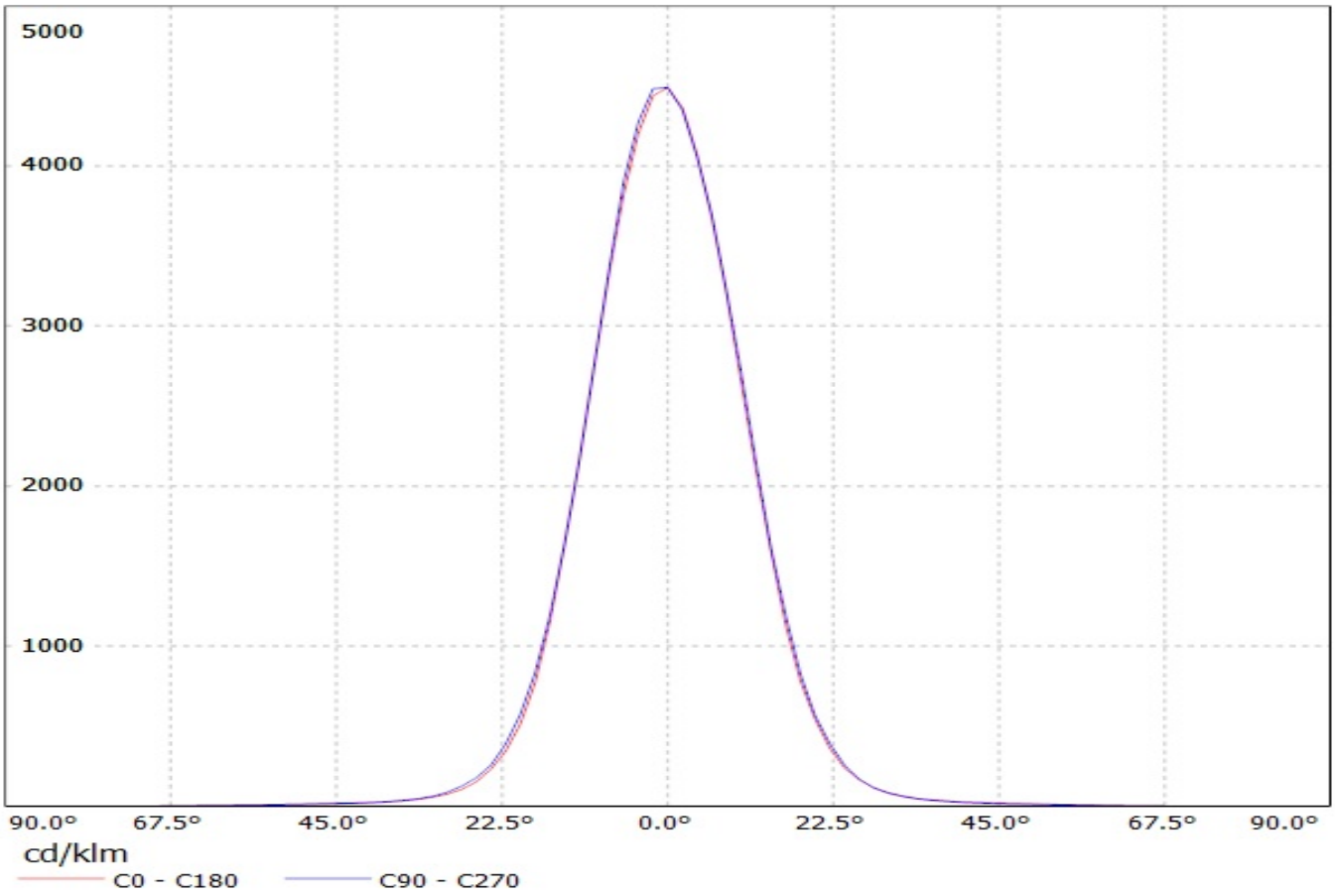
Luminaire: Ledil Oy CA11931_LR2-M_(Luxeon_TX) Efficiency=90%
Lamps: 1 x Luxeon TX (L1T2-3585) 108lm @ 250mA CCT=3521K P=0.73W I=250mA



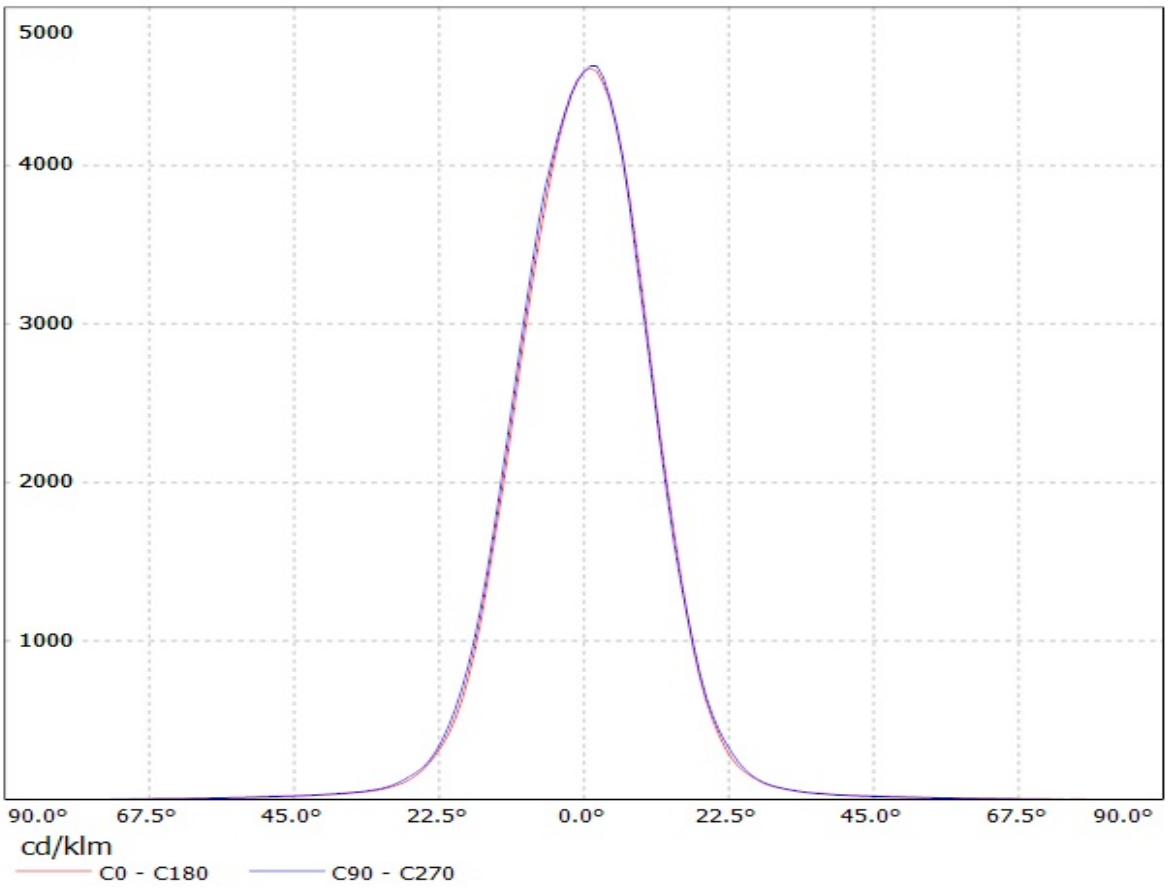
Luminaire: Ledil Oy CA11931_LR2-M_(XP-L) Efficiency=90%
Lamps: 1 x Cree XP-L 125lm @ 250mA CCT= P=0.72W I=250mA



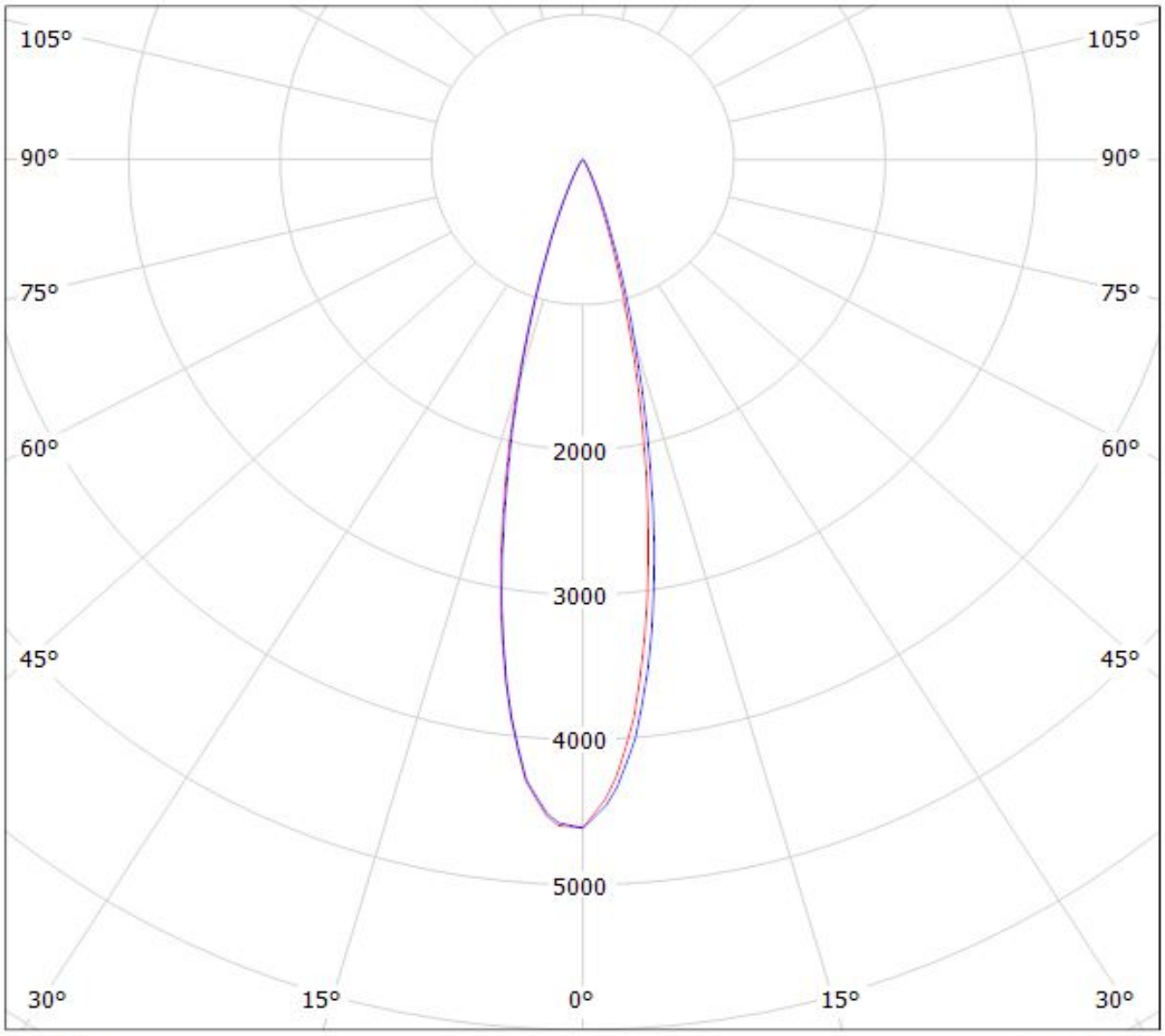
Luminaire: Ledil Oy CA11931_LR2-M (Luxeon T 72 lm 2 250 mA) Efficiency=90%
Lamps: 1 x Luxeon T 72 lm 2 250 mA



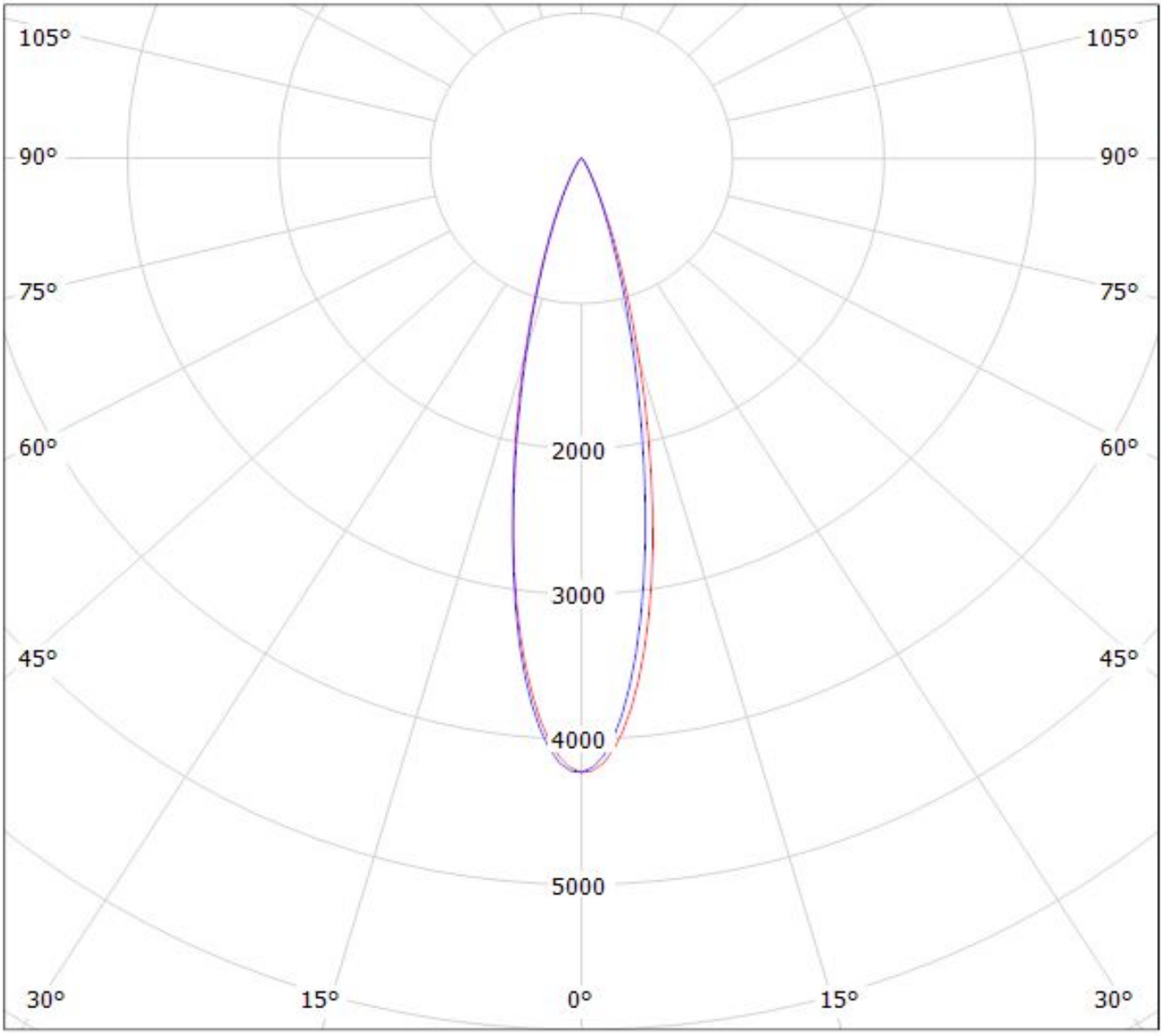
Luminaire: Ledil Oy CA11931_LR2-M_(Oslon_Square_EC) Efficiency=89%
Lamps: 1 x Osram Oslon Square EC (LCW CQAR-EC-MQMS-5R8T-35) 79lm @ 250mA CCT=3200K P=0.8W I=250mA



Luminaire: Ledil Oy CA11931_LR2-M_(Luxeon_TX) Efficiency=90%
Lamps: 1 x Luxeon TX (L1T2-3585) 108lm @ 250mA CCT=3521K P=0.73W I=250mA



Luminaire: Ledil Oy CA11931_LR2-M_(XP-L) Efficiency=90%
Lamps: 1 x Cree XP-L 125lm @ 250mA CCT= P=0.72W I=250mA

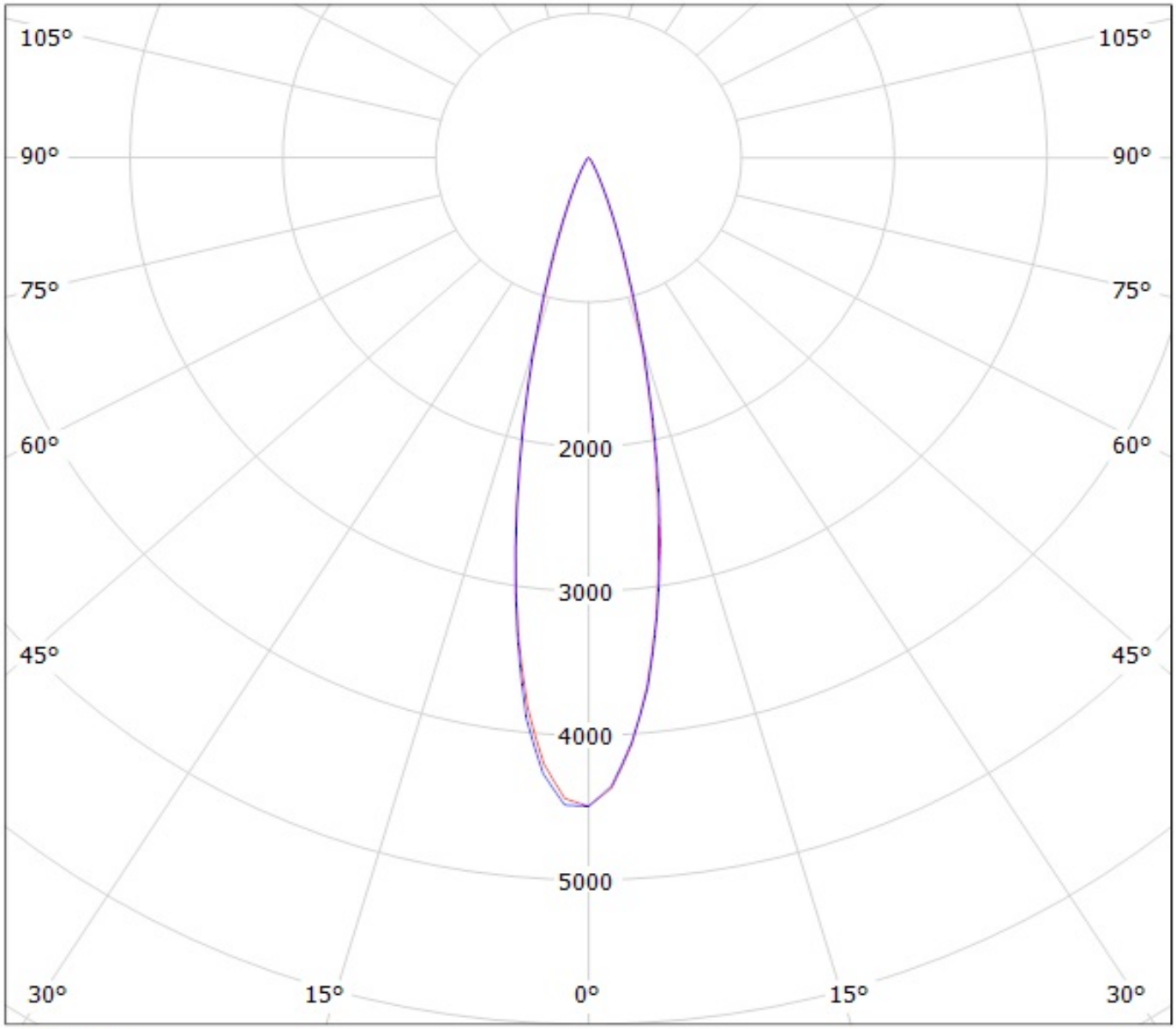



cd/klm

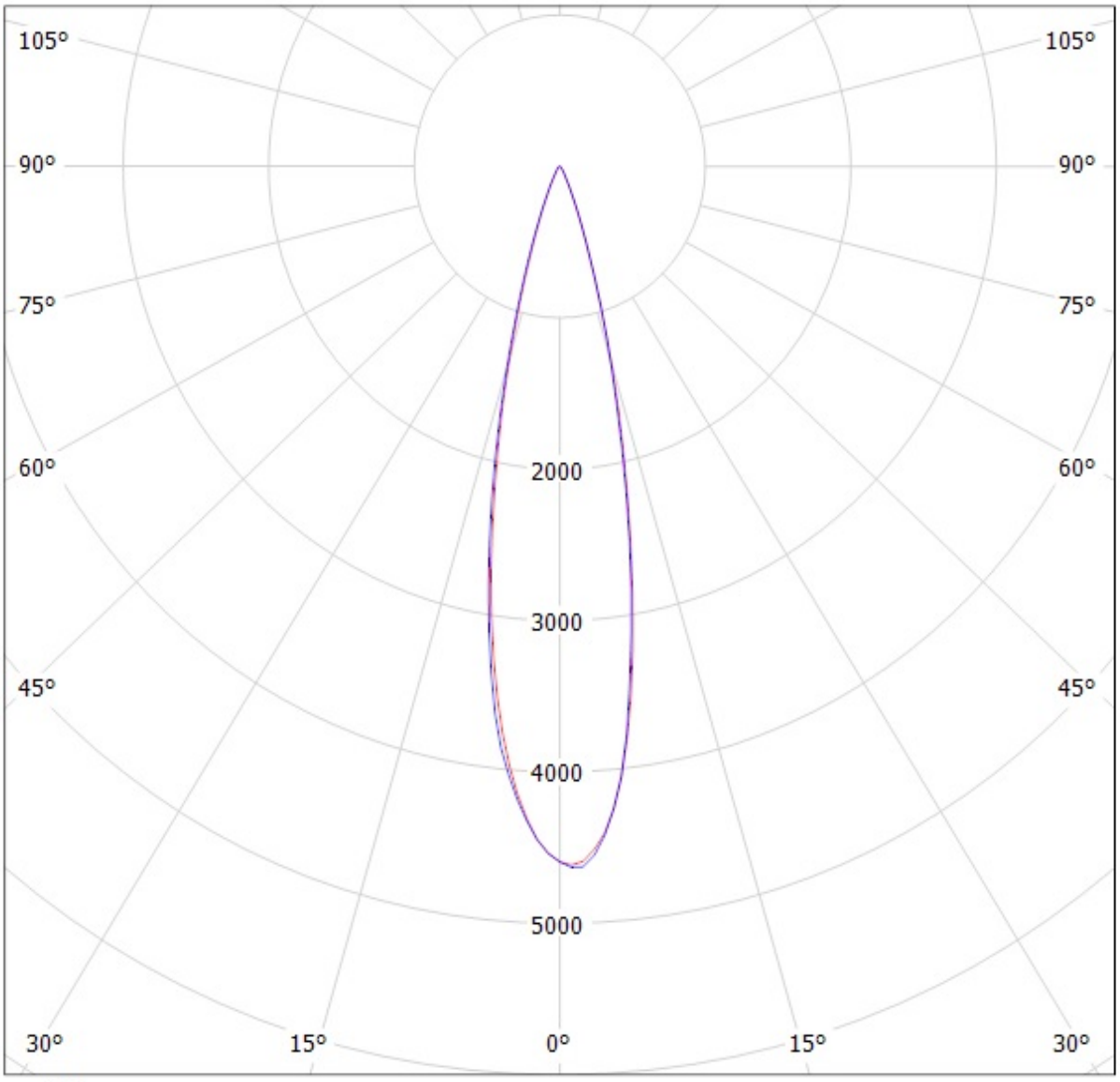
η = 91%

C0 - C180 C90 - C270

Luminaire: Ledil Oy CA11931_LR2-M (Luxeon T 72 lm 2 250 mA) Efficiency=90%
Lamps: 1 x Luxeon T 72 lm 2 250 mA



Luminaire: Ledil Oy CA11931_LR2-M_(Oslon_Square_EC) Efficiency=89%
Lamps: 1 x Osram Oslon Square EC (LCW CQAR-EC-MQMS-5R8T-35) 79lm @ 250mA CCT=3200K P=0.8W I=250mA



**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.**