



# PRODUCT DATASHEET

## Eva series

last update 10/11/2014

### DETAILS

|                        |                  |
|------------------------|------------------|
| <b>Product Number</b>  | CA12802_EVA-D    |
| <b>Family</b>          | Eva              |
| <b>Type</b>            | Assembly         |
| <b>Color</b>           | black            |
| <b>Diameter</b>        | 37,7 mm          |
| <b>Height</b>          | 17,2 mm          |
| <b>Style</b>           | round            |
| <b>Optic Material</b>  | PMMA             |
| <b>Holder Material</b> |                  |
| <b>Fastening</b>       | screw, tape      |
| <b>Status</b>          | production ready |
| <b>ROHS Compliant</b>  | Yes              |
| <b>Date Updated</b>    | 10/11/2014       |



### OPTICAL PROPERTIES

| LED         | Viewing Angle | Light Beam | Efficiency | cd/lm | Connector |
|-------------|---------------|------------|------------|-------|-----------|
| MK-R        | 22 deg        | Diffuser   | 87 %       | 4.000 | -         |
| LUXEON M/MX | 21 deg        | Diffuser   | 89 %       | 4.200 | -         |

D

C

B

A

4

3

2

1

1

Isometric view

25.4

$\phi 2.7$   
Screw Holes

Tape 0.4mm

17.2  
With tape

Front view

Oval beam direction

Lens

$\phi 37.7$

Top view

Materials:  
 Lens PMMA  
 Holder PC, BLACK  
 Tape Pu foam

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Ledil Oy  
 Tehdaskatu 13  
 FIN-24100 SALO  
 Finland

DRAWING TITLE

Datasheet EVA-LUXEON-M-WITH-TAPE Assembly

DRAWN BY

mav

DATE

12.4.2012

CHECKED BY

sn

DATE

12.4.2012

SIZE

A4

DRAWING NUMBER

REV

1

DESIGNED BY

pl

DATE

17.02.2011

SCALE

2:1

WEIGHT (g)

SHEET

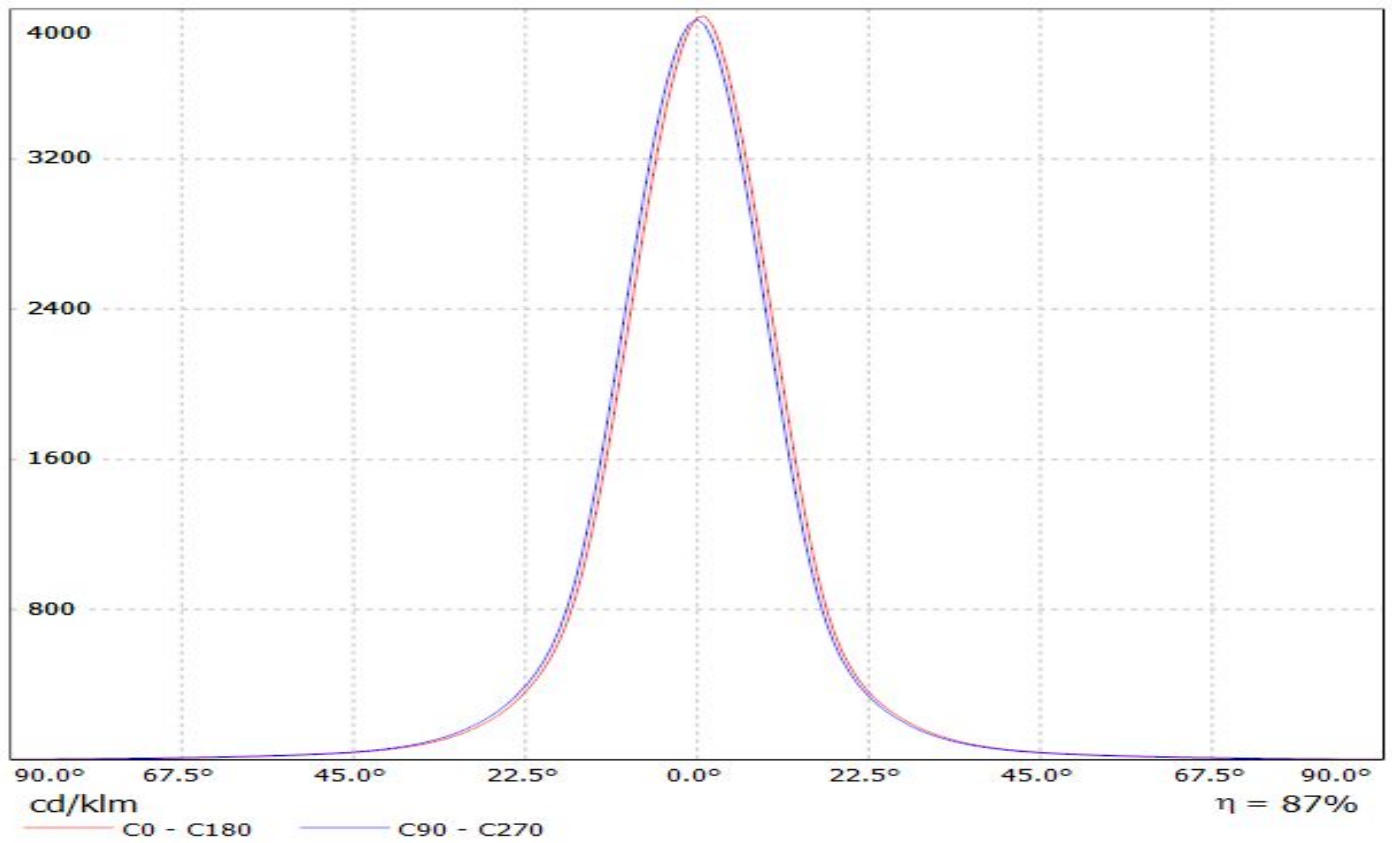
1/1

D

A

**LEDiL Oy CA12802\_EVA-D\_(MKR) Eff. 86,9% / LDC (Linear)**

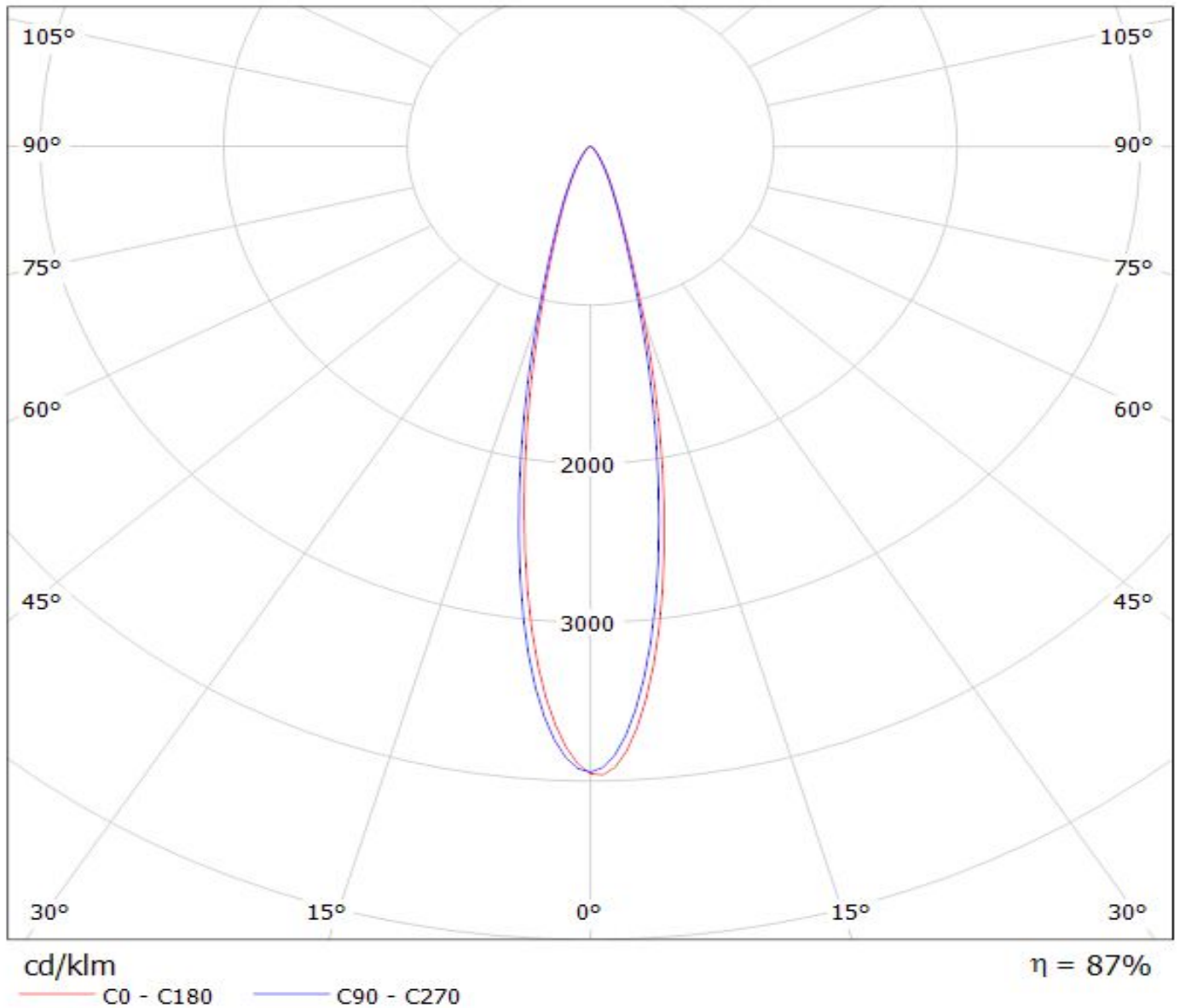
Luminaire: LEDiL Oy CA12802\_EVA-D\_(MKR) Eff. 86,9%  
Lamps: 1 x Cree MKR (365lm@250mA)



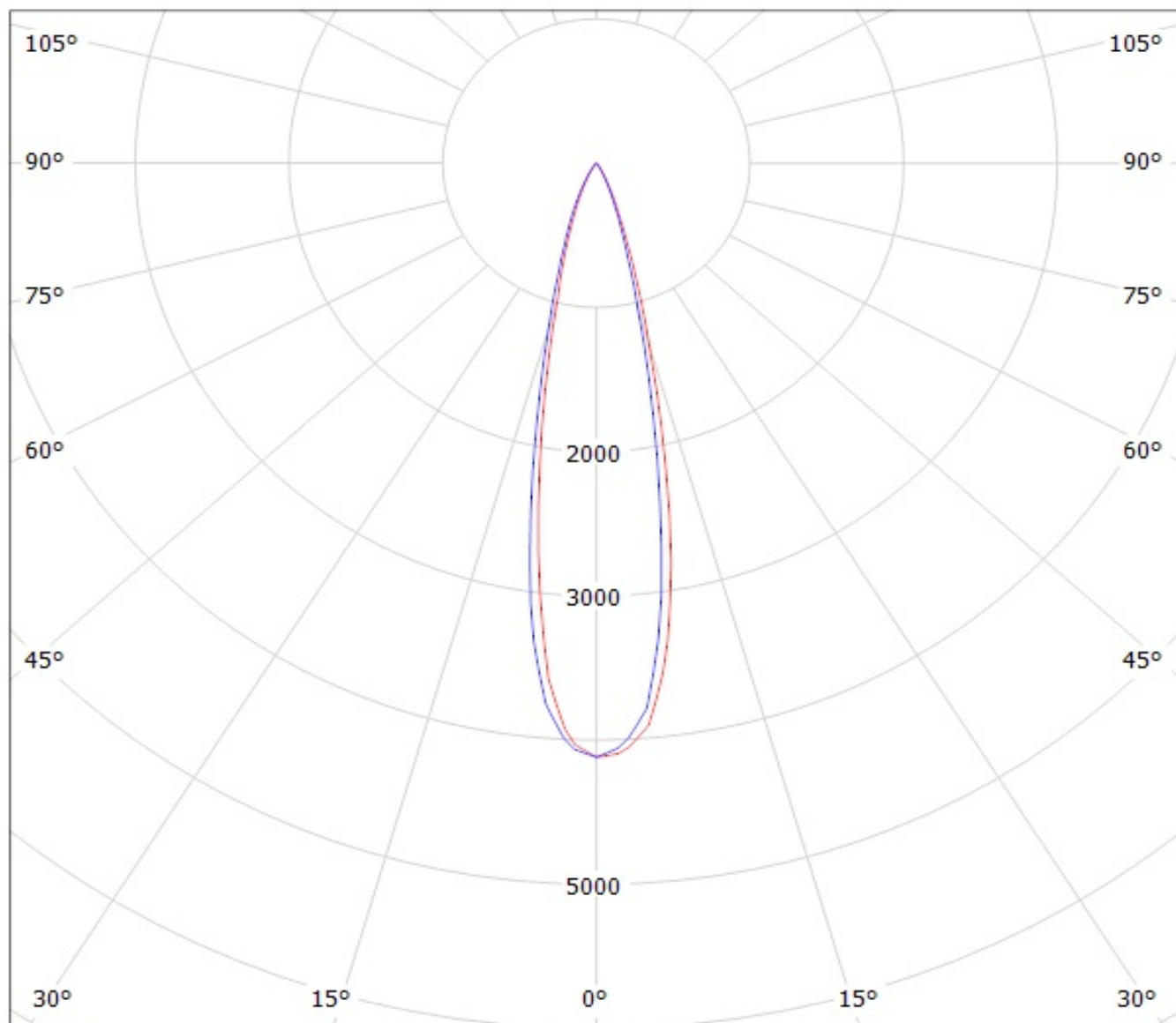
# LEDiL Oy CA12802\_EVA-D\_(MKR) Eff. 86,9% / LDC (Polar)

Luminaire: LEDiL Oy CA12802\_EVA-D\_(MKR) Eff. 86,9%

Lamps: 1 x Cree MKR (365lm@250mA)



Luminaire: Ledil Oy CA12802\_EVA-D & CP12818\_EVA-D (Luxeon M) Efficiency=89%  
Lamps: 1 x Luxeon M 362lm @ 250mA



cd/klm

— 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.**