

DETAILS

Product Number	CA12803_EVA-M
Family	Eva
Type	Assembly
Color	black
Diameter	37,7 mm
Height	17 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	tape, screw
Status	production ready
ROHS Compliant	Yes
Date Updated	24/04/2013

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
MK-R	26 deg	Medium	85 %	2.900	-
LUXEON M/MX	26 deg	Medium	87 %	2.800	-



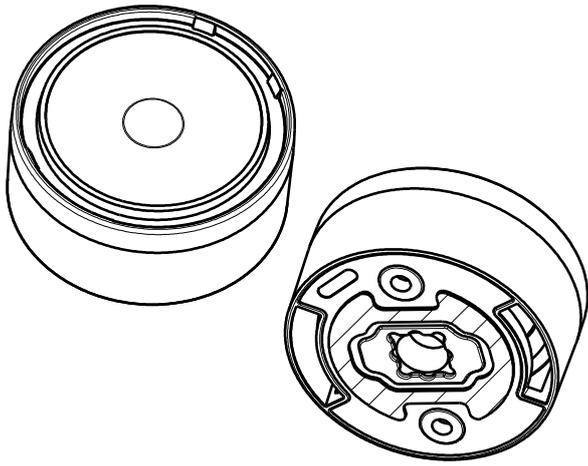
D

C

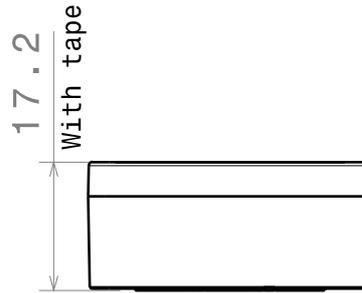
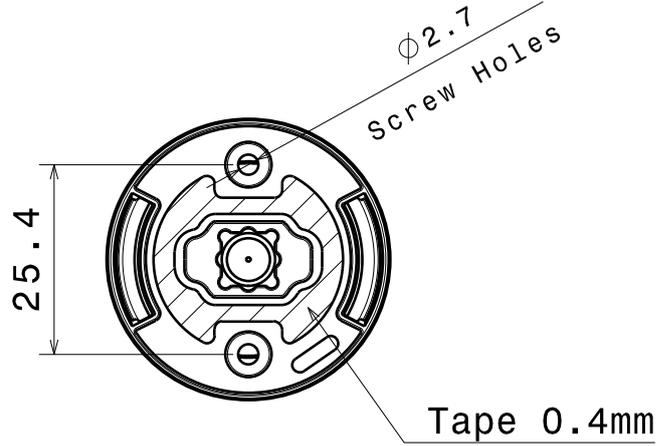
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A

4

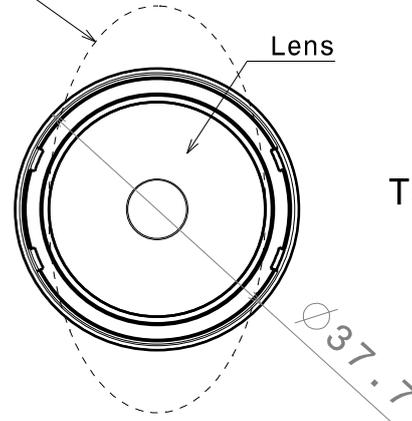


Isometric view



Front view

Oval beam direction



Top view

Materials:
 Lens PMMA
 Holder PC, BLACK
 Tape Pu foam

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 our written agreement.



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

p1

DATE

17.02.2011

SCALE

2:1

WEIGHT (g)

SHEET

1/1

D

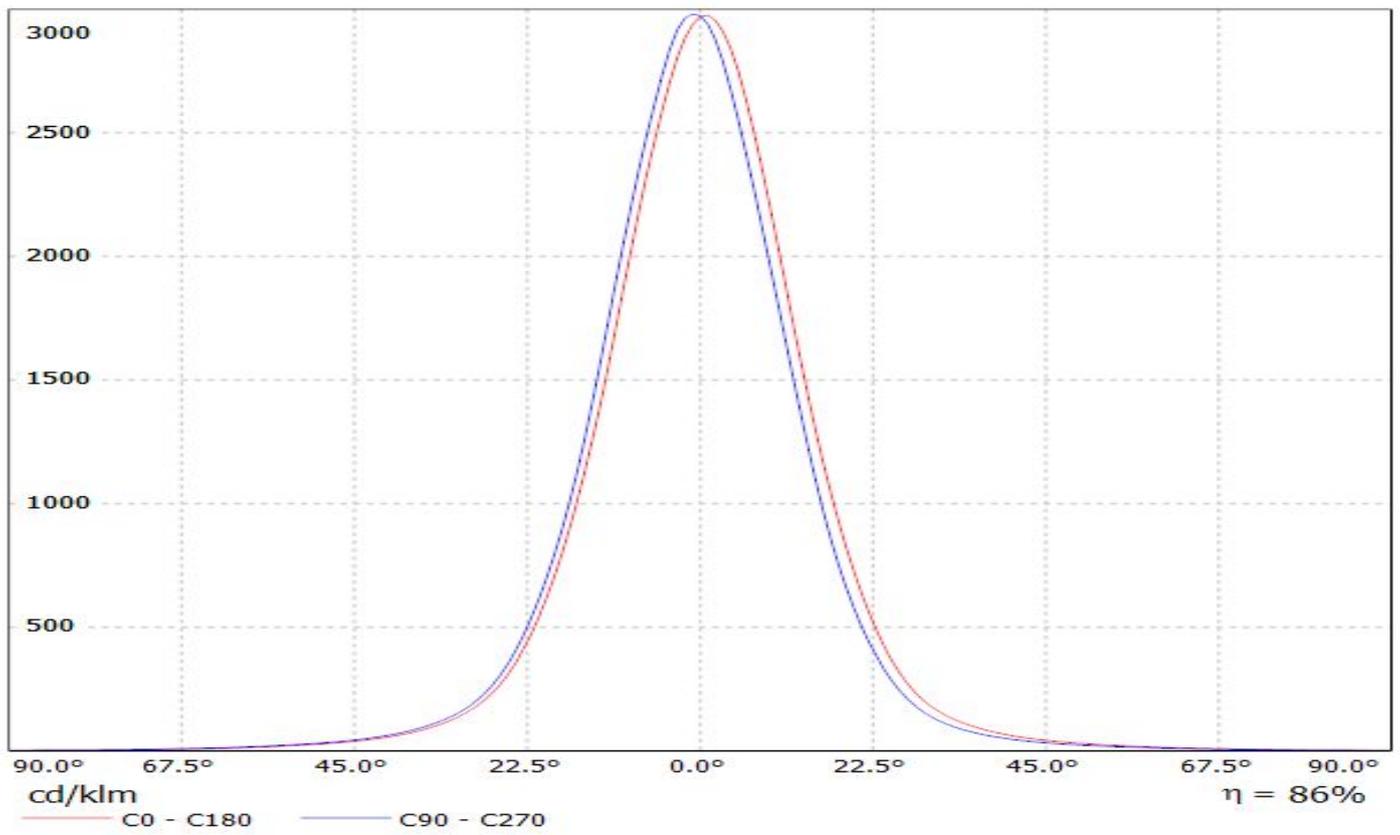
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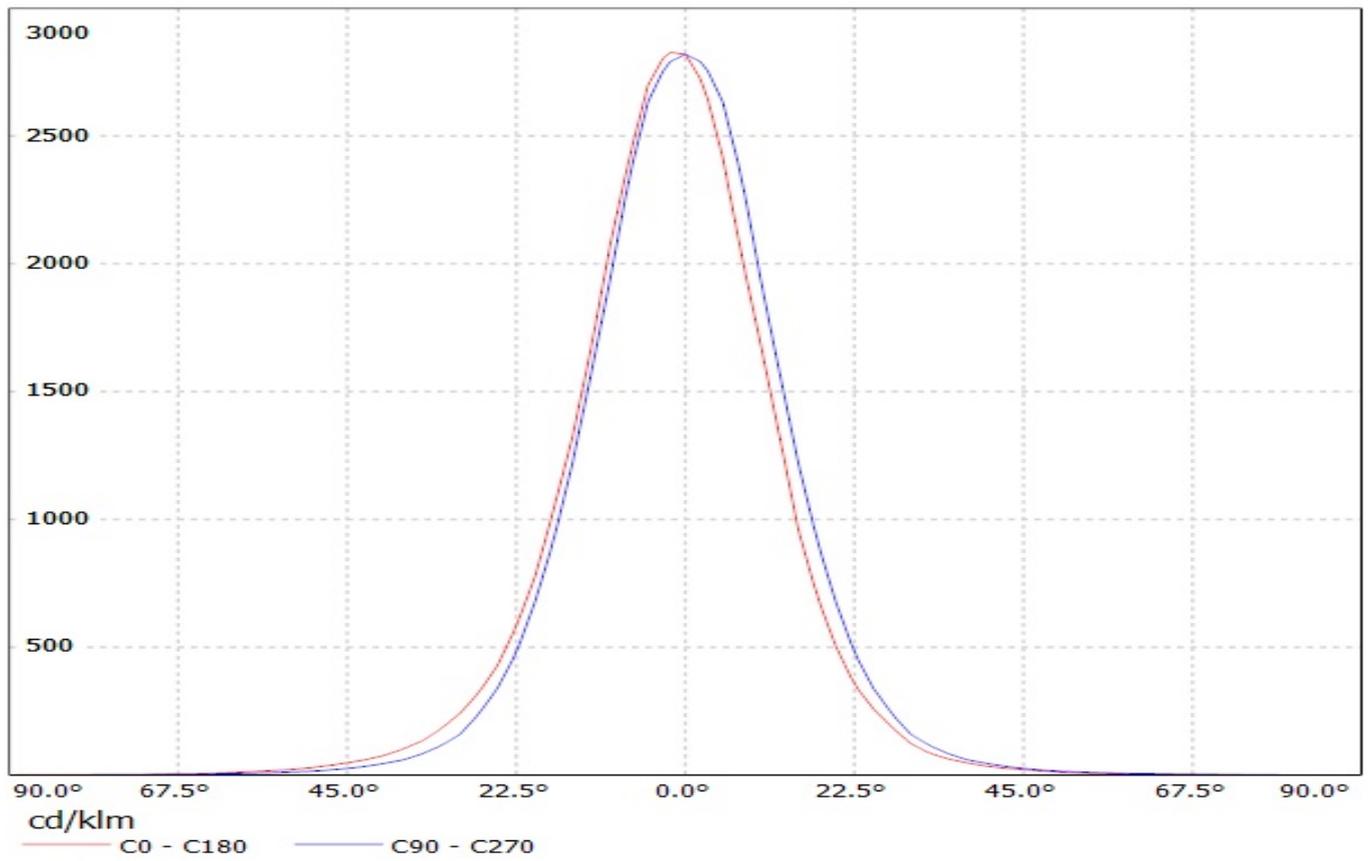
1

LEDiL Oy CA12803_EVA-M_(MKR) Eff. 85,8% / LDC (Linear)

Luminaire: LEDiL Oy CA12803_EVA-M_(MKR) Eff. 85,8%
Lamps: 1 x Cree MKR (365lm@250mA)



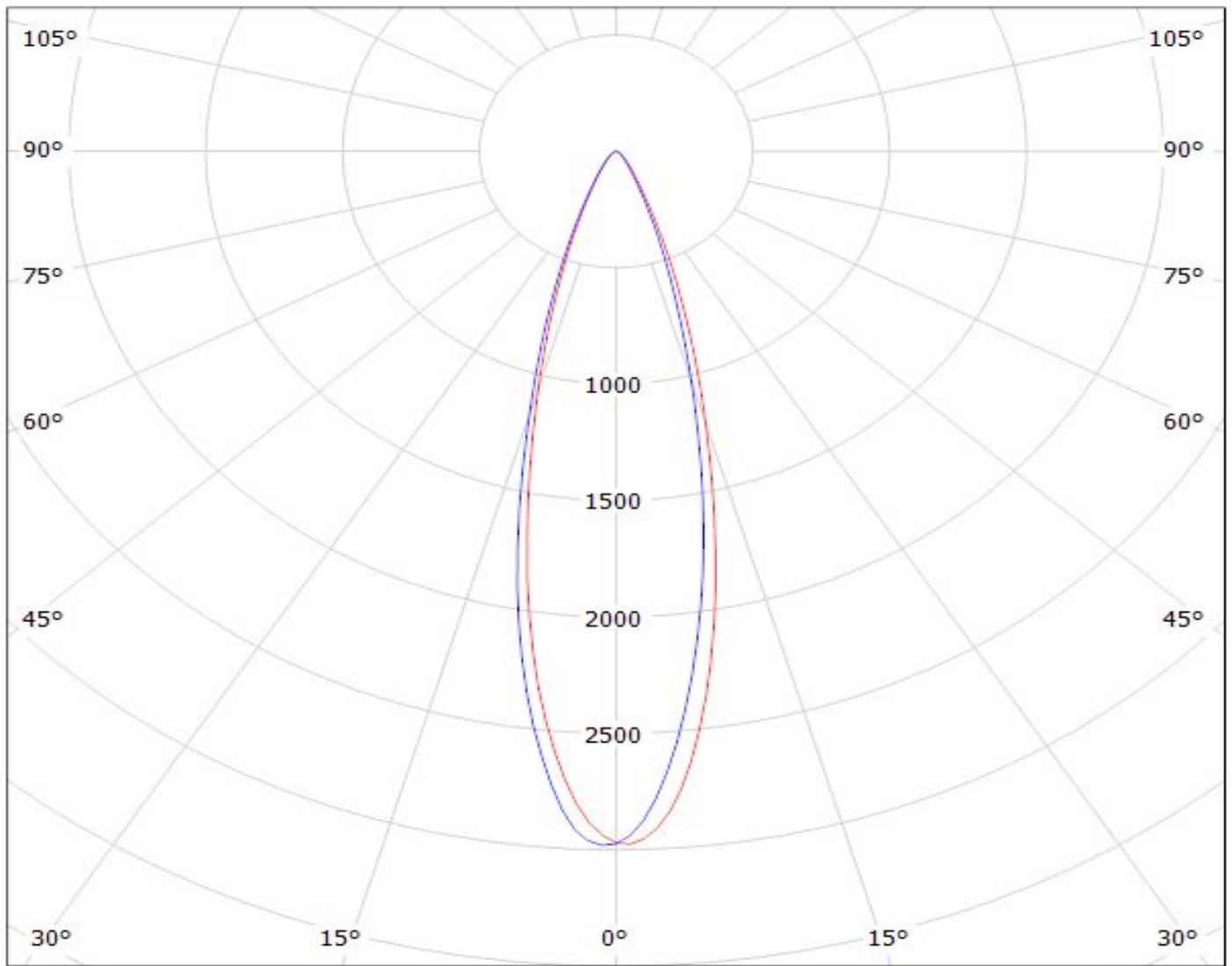
Luminaire: Ledil Oy CA12803_EVA-M & CP12819_EVA-M (Luxeon M) Efficiency=87%
Lamps: 1 x Luxeon M 362lm @ 250mA



LEDiL Oy CA12803_EVA-M_(MKR) Eff. 85,8% / LDC (Polar)

Luminaire: LEDiL Oy CA12803_EVA-M_(MKR) Eff. 85,8%

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



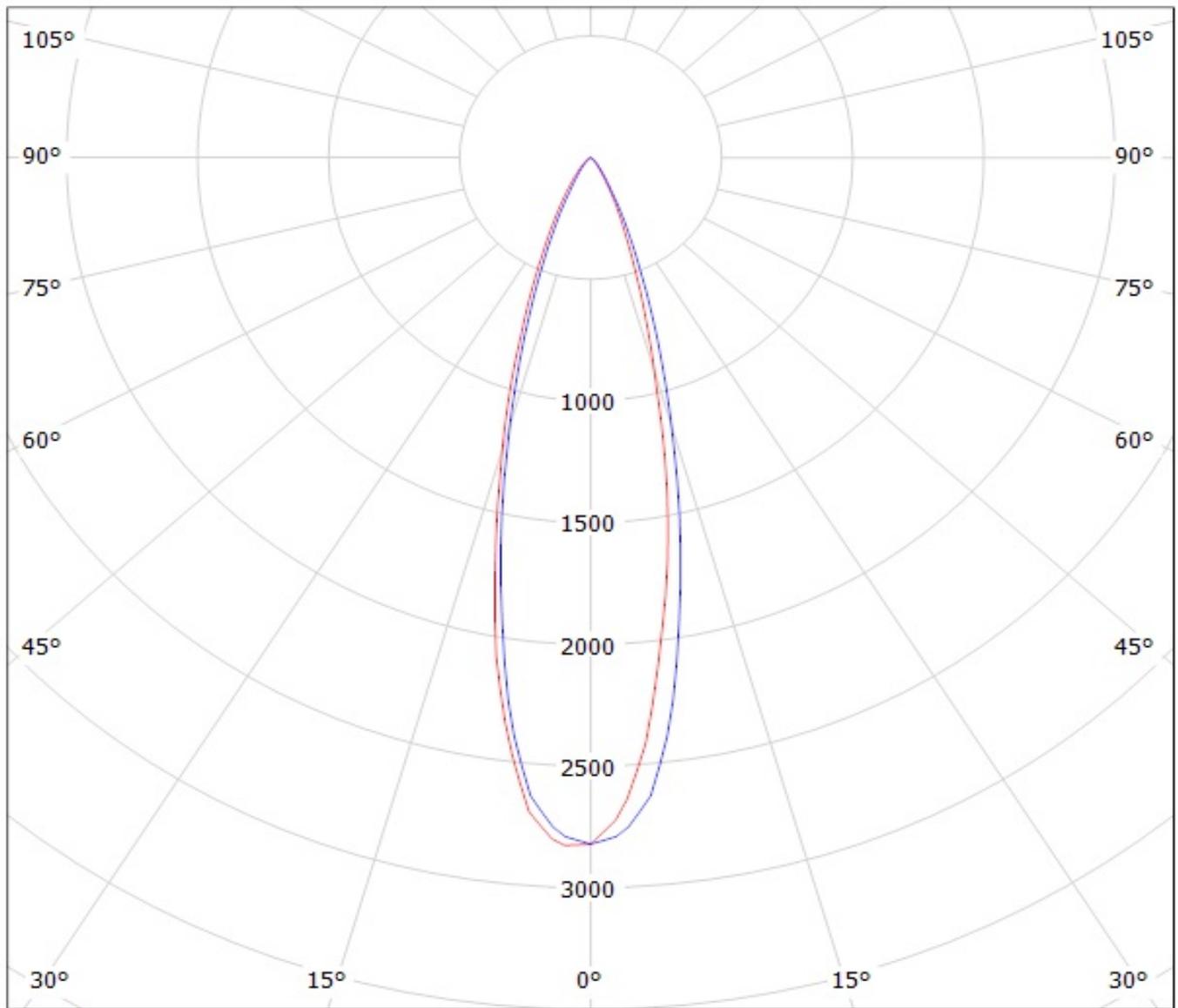
cd/klm

— C0 - C180

— C90 - C270

$\eta = 86\%$

Luminaire: Ledil Oy CA12803_EVA-M & CP12819_EVA-M (Luxeon M) Efficiency=87%
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.