



PRODUCT DATASHEET

Rose series

last update 3/9/2014

DETAILS

Product Number	FCX11675_RES-WW
Family	Rose
Type	Pack
Color	white
Diameter	21,6 + 21,6 mm
Height	12,9 mm
Style	square
Optic Material	PC
Holder Material	
Fastening	tape
Status	production ready
ROHS Compliant	Yes
Date Updated	3/09/2014



OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
LUXEON Rebel	54 deg	Very Wide	79 %	-	-
LUXEON Rebel ES	60 deg	Very Wide	80 %	sim: 0.850	-

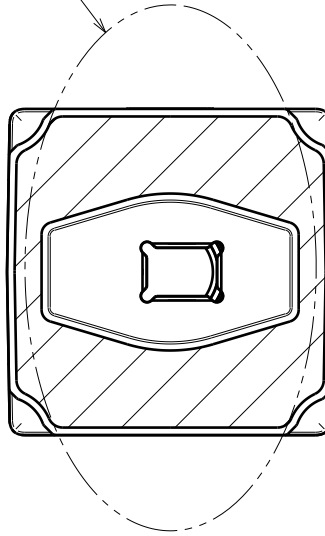
D

C

B

A

Oval beam direction



Lens

Holder

Tape 0.4mm

12.9

21.6

21.6

Materials:
 Lens PC
 Holder PC
 Tape PU foam with PSA

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 our written agreement.



Ledil Oy
 Tehdaskatu 13
 FIN-24100 SALO
 Finland

DRAWING TITLE

Datasheet RES series assy

DRAWN BY

DATE

pv

25.01.2010

CHECKED BY

DATE

KL

29.05.2007

SIZE

A4

DRAWING NUMBER

REV

0.1

DESIGNED BY

DATE

HH

29.05.2007

SCALE

2:1

WEIGHT (g)

SHEET

1/1

D

A

4

4

3

3

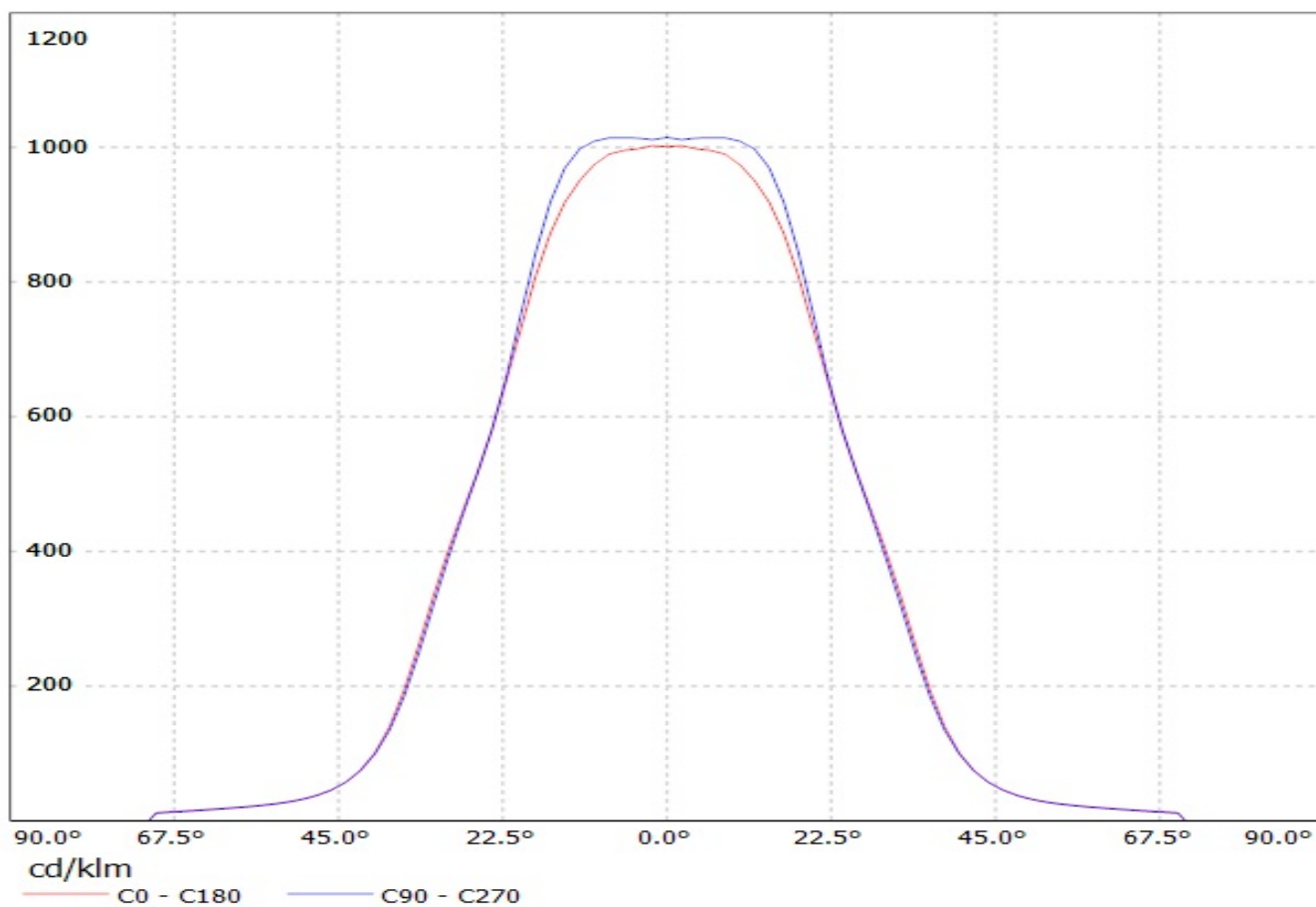
2

2

1

1

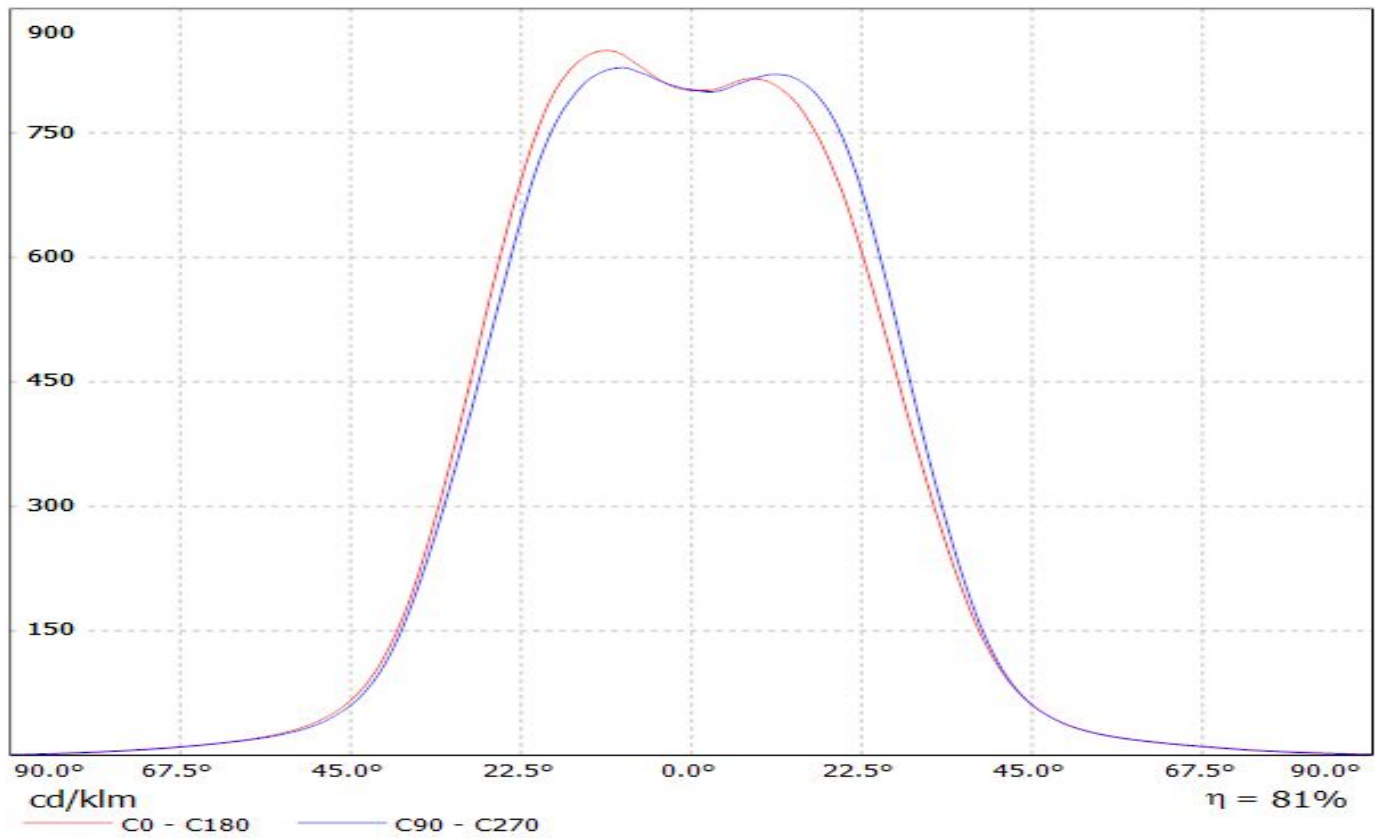
Luminaire: Ledil Oy FA11675_RES-WW FA11675_RES-WW
Lamps: 1 x Luxeon Rebel (White)



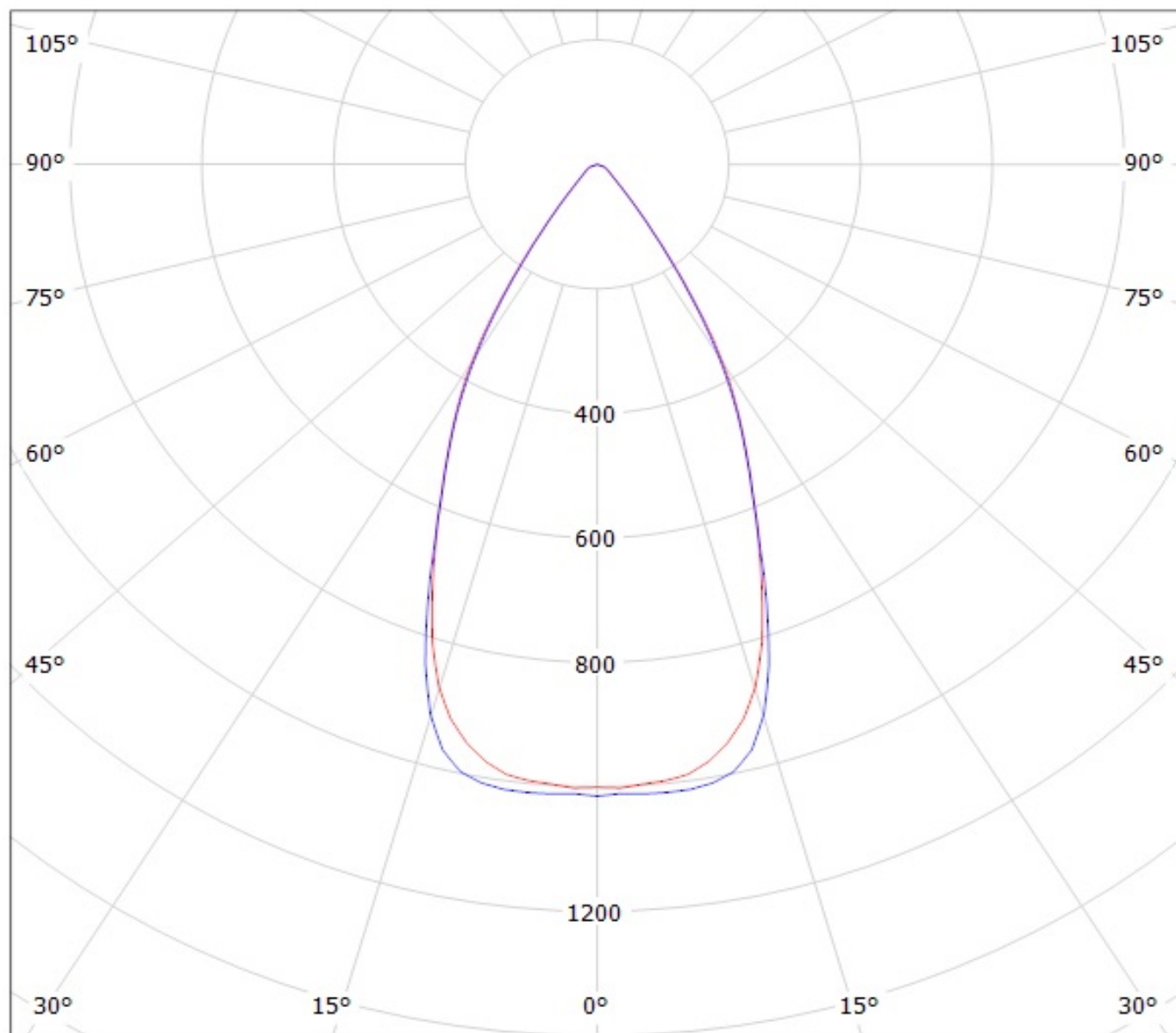
LEDiL Oy FCX11675_RES-WW_(RE-ES)_1 Eff.80.7% / LDC (Linear)

Luminaire: LEDiL Oy FCX11675_RES-WW_(RE-ES)_1 Eff.80.7%

Lamps: 1 x LUXEON_REBEL-ES (91.8038lm@250mA)



Luminaire: Ledil Oy FA11675_RES-WW FA11675_RES-WW
Lamps: 1 x Luxeon Rebel (White)



cd/klm

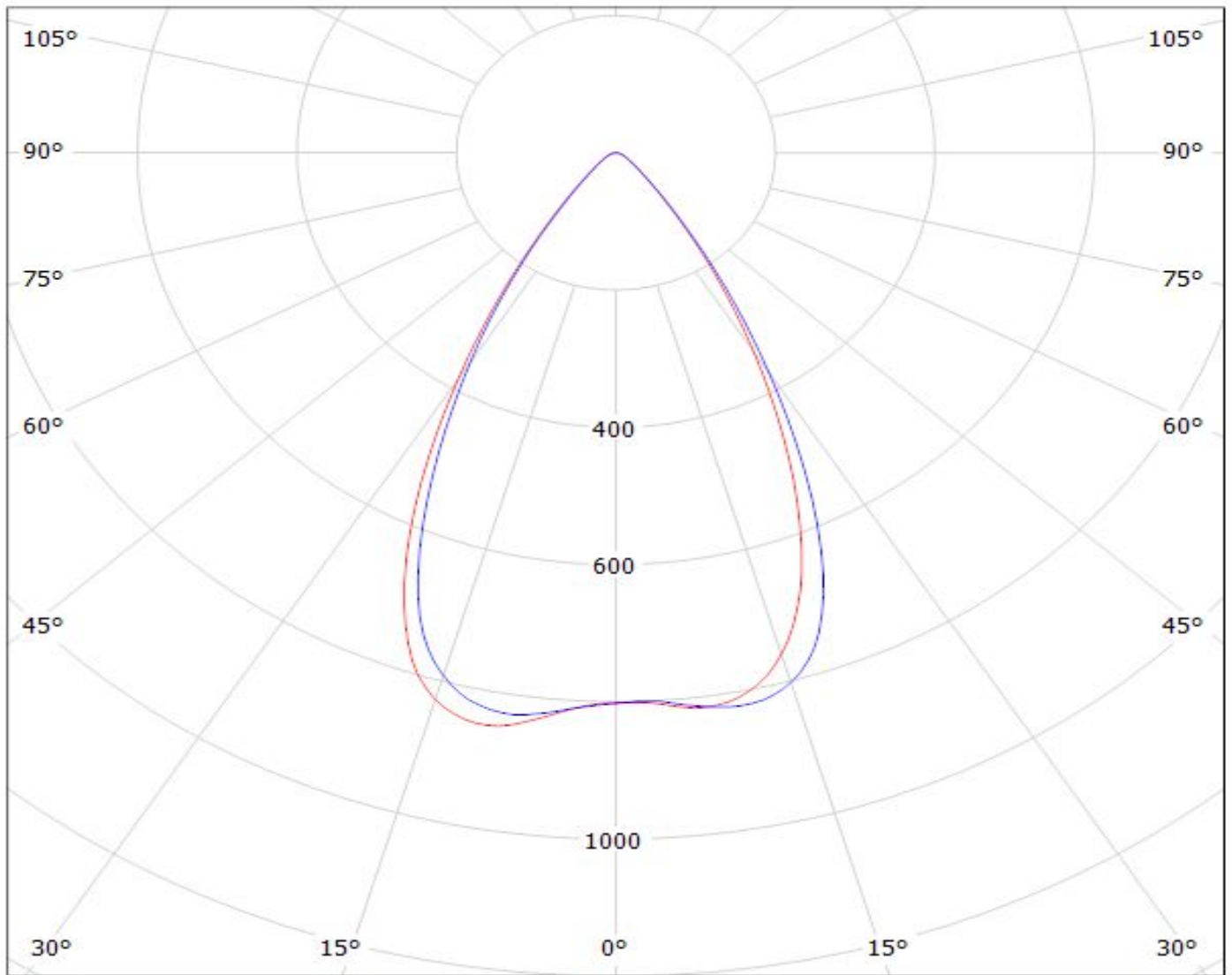
— C0 - C180

— C90 - C270

LEDiL Oy FCX11675_RES-WW_(RE-ES)_1 Eff.80.7% / LDC (Polar)

Luminaire: LEDiL Oy FCX11675_RES-WW_(RE-ES)_1 Eff.80.7%

Lamps: 1 x LUXEON_REBEL-ES (91.8038lm@250mA)



cd/klm

— C0 - C180

— C90 - C270

$\eta = 81\%$

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.