

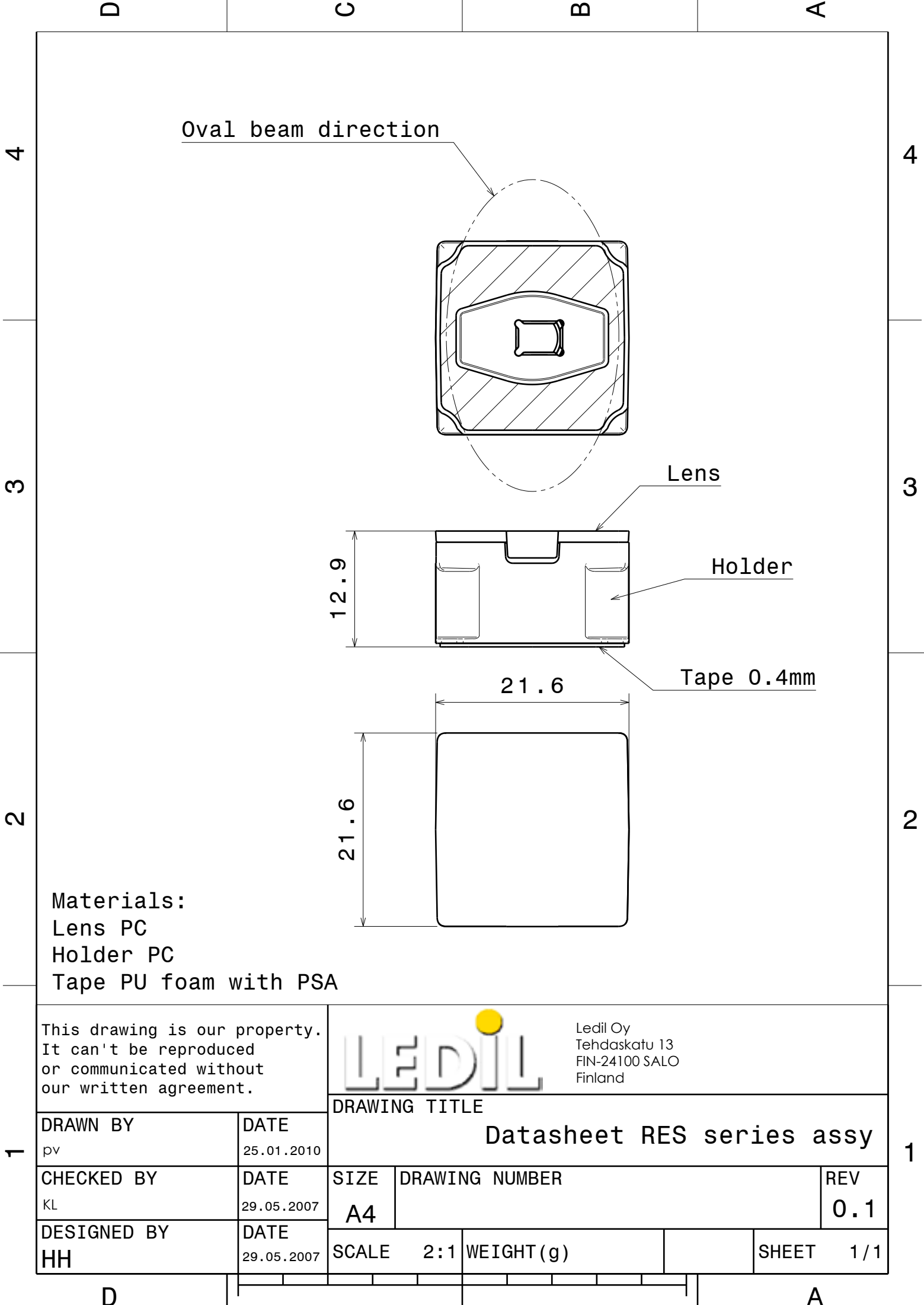
DETAILS

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	PC
Fastening	tape
Status	ready
ROHS Comliant	Yes
Date Updated	3/09/2014



OPTICAL PROPERTIES

LED	Viewing	Light	Effi-	cd/lm	Connector
	Angle	Beam	ciency		
LUXEON Rebel	54 deg	Very Wide	79 %	sim: 0.000	-
LUXEON Rebel ES	60 deg	Very Wide	80 %	sim: 0.850	-



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
pv

DATE
25.01.2010

CHECKED BY
KL

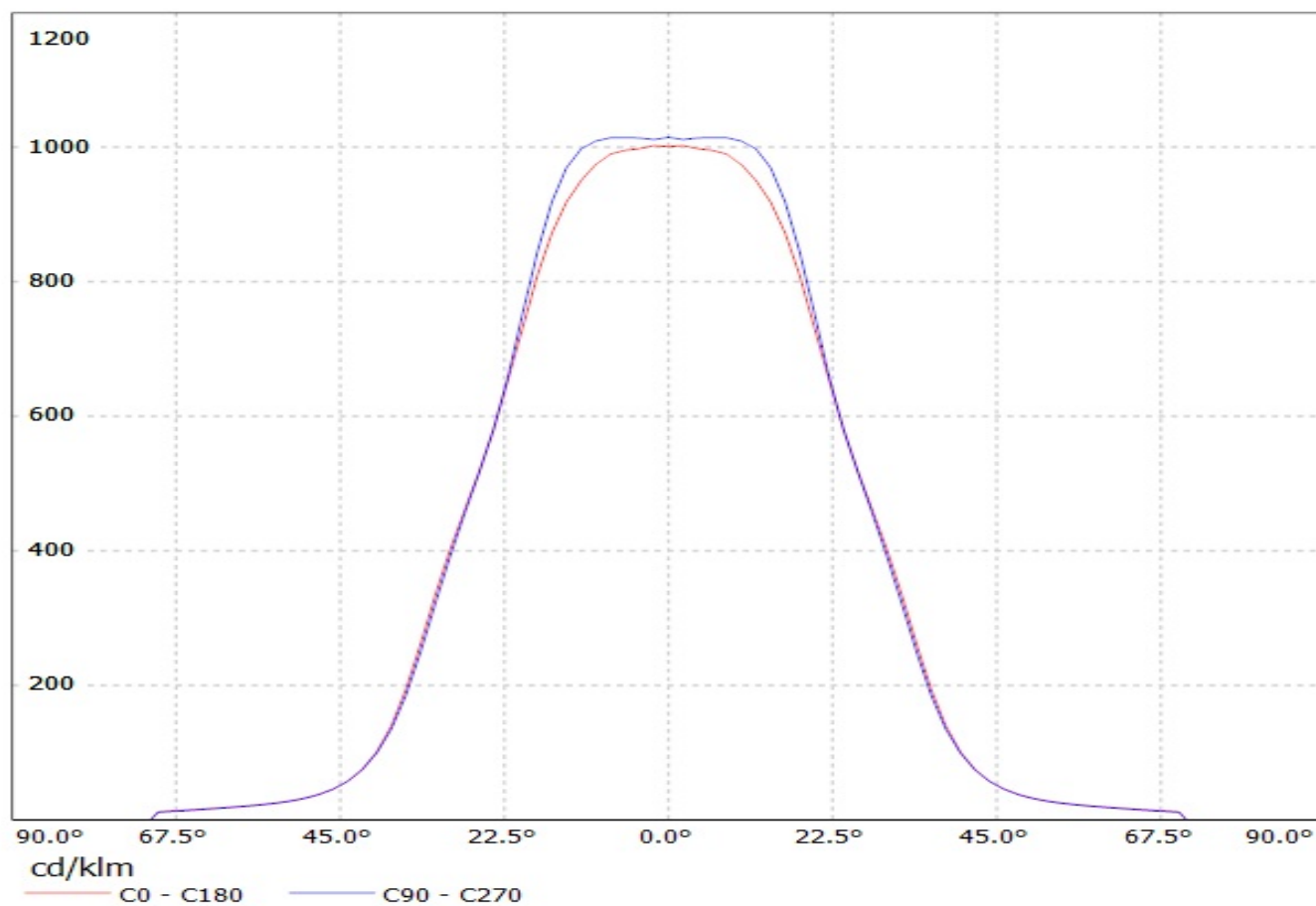
DATE
29.05.2007

DESIGNED BY
HH

DATE
29.05.2007

SIZE A4	DRAWING NUMBER	REV 0.1
SCALE 2:1	WEIGHT (g)	SHEET 1/1

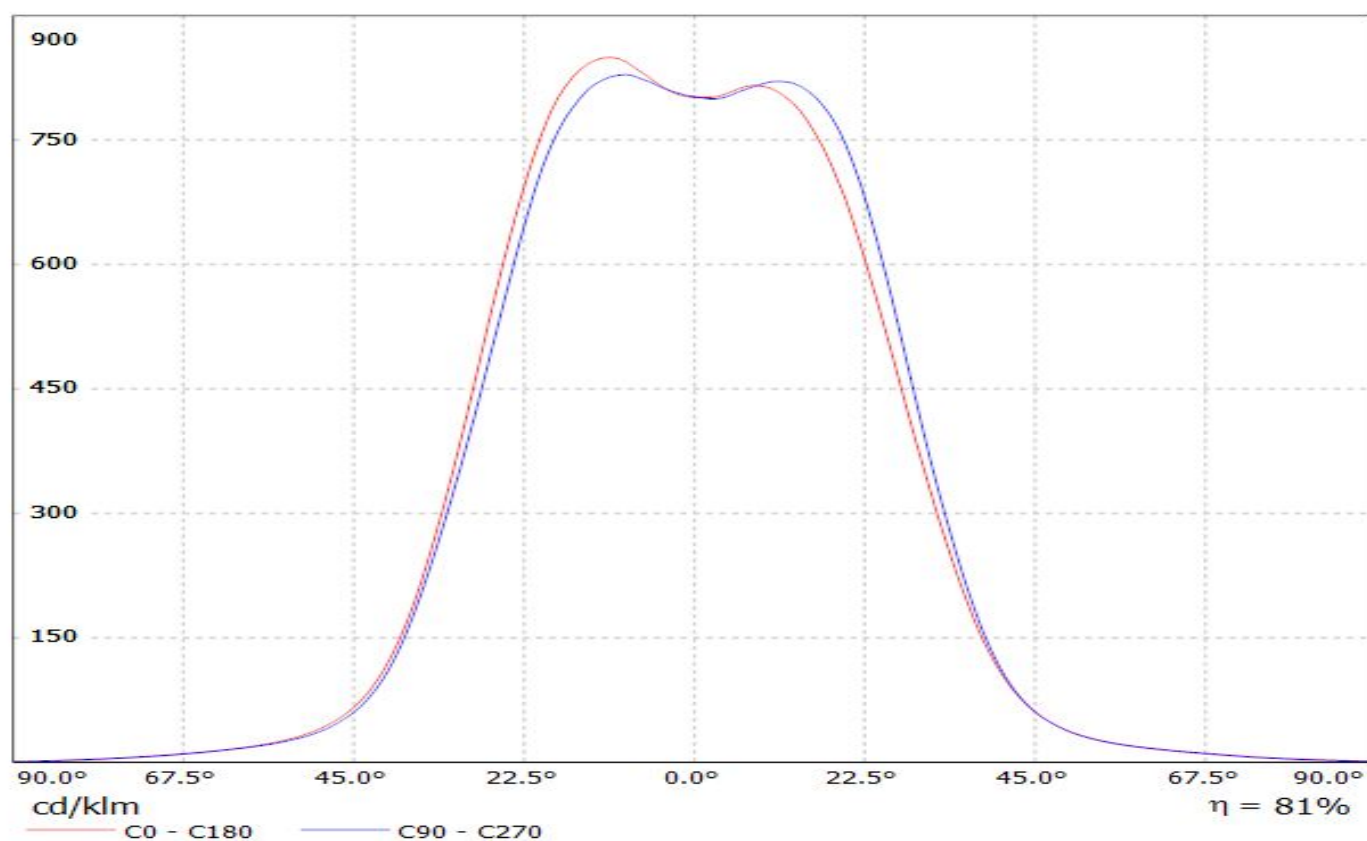
Luminaire: Ledil Oy FA11675_RES-WW FA11675_RES-WW
Lamps: 1 x Luxeon Rebel (White)



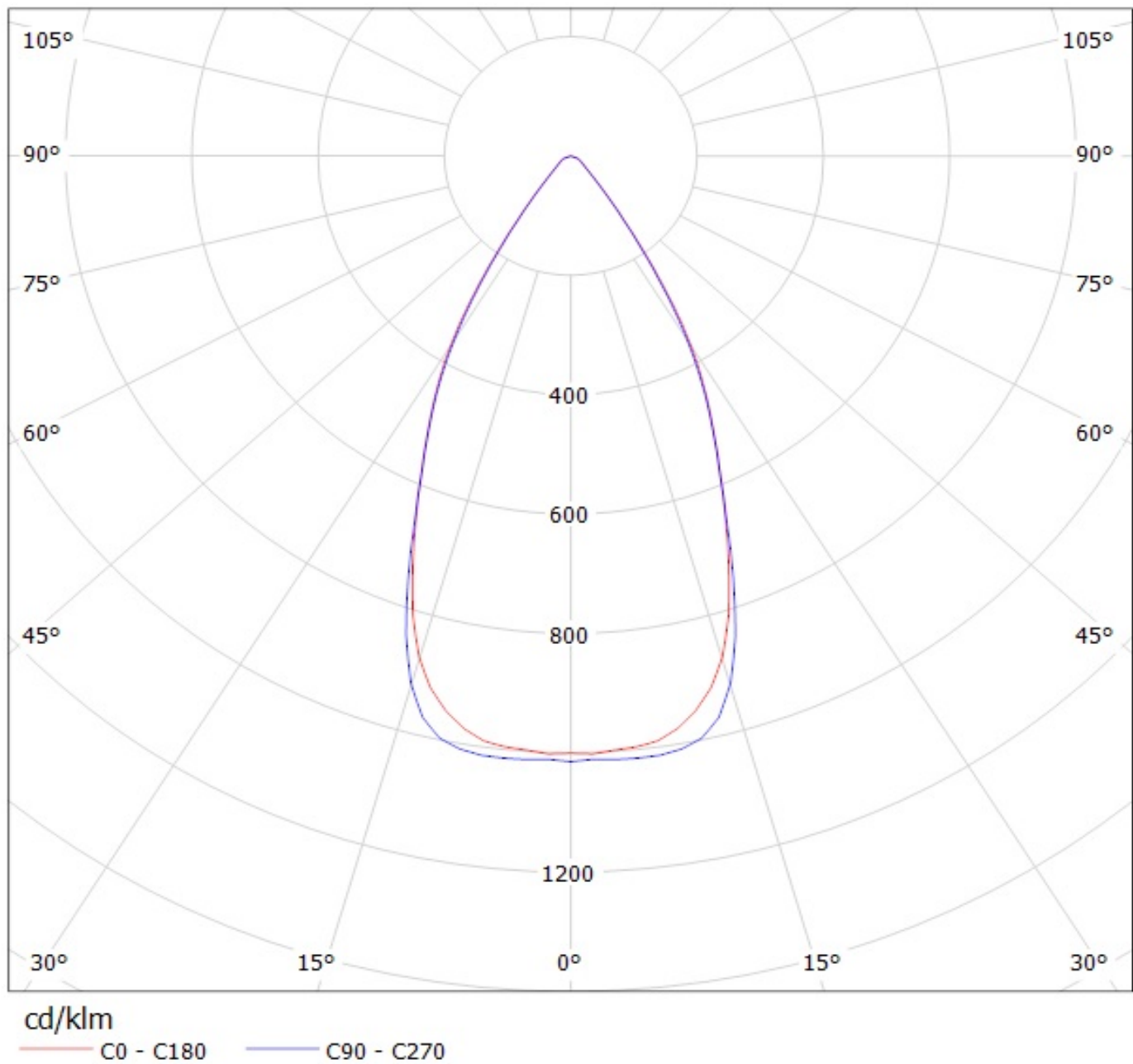
LEDiL Oy FCX11675_RES-WW_(RE-ES)_1 Eff.80.7% / LDC (Linear)

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

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



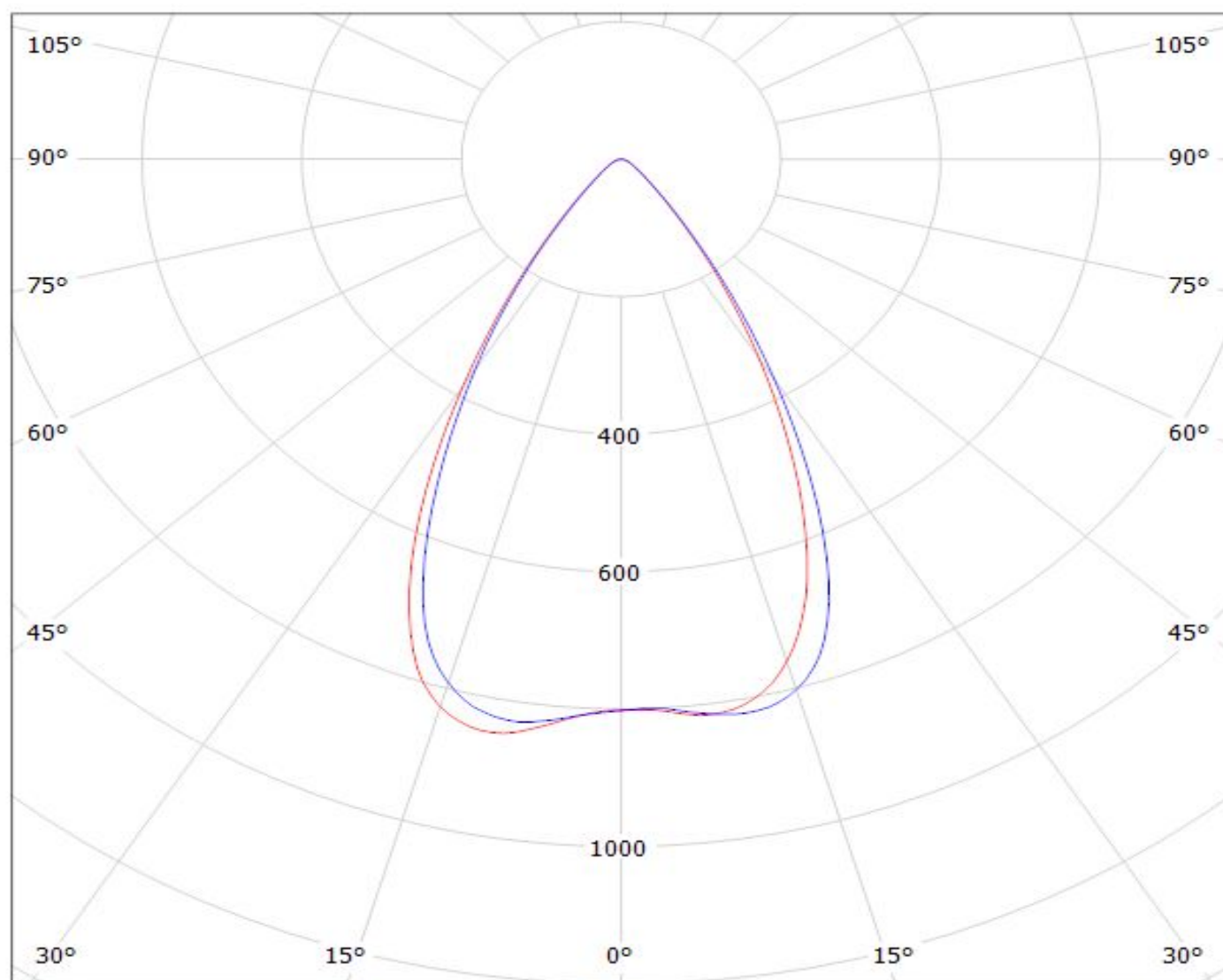
Luminaire: Ledil Oy FA11675_RES-WW FA11675_RES-WW
Lamps: 1 x Luxeon Rebel (White)



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)



$\eta = 81\%$

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.

GENERAL INFORMATION

- Product series especially designed & optimized for series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Fastening to heat sink with a PU foam adhesive tape of automotive grade. Please find fastening details by clicking link: http://www.ledil.com/datasheets/DataSheet_TAPE.pdf

NOTE 1: We advise customer to ensure the suitability and sufficiency of the bond in the end product. For example, mechanical stress, vibration and holes on the surface of the circuit board weaken the strength of the tape.

NOTE 2: Assembly to the surface must be made straight, so the tape bonds constant and balanced with fastening surface. Slanted assembly might cause unbalanced bond to the surface. All surfaces where tape is applied must be clean, dry and free from grease and dirt.

If cleaning of PCB surfaces is needed, please follow strictly the cleaning instructions of your LED manufacturer - this is important as cleaning shall under no circumstances damage LEDs or other electronics components on the PCB.

Further note that optical components shall not be cleaned with any chemicals - only micro fiber cloth may be used to remove fingerprints or other traces from handling.