PRODUCT DATASHEET
Rose series
last update 27/2/2013

DETAILS

Product Number	FA10903_NIS83-MX-WW
Family	Rose
Type	Assembly
Color	white
Diameter	21,6 + 21,6 mm
Height	13,5 mm
Style	square
Optic Material	PC
Holder Material	PC
Fastening	tape
Status	ready
ROHS Comliant	Yes
Date Updated	27/02/2013

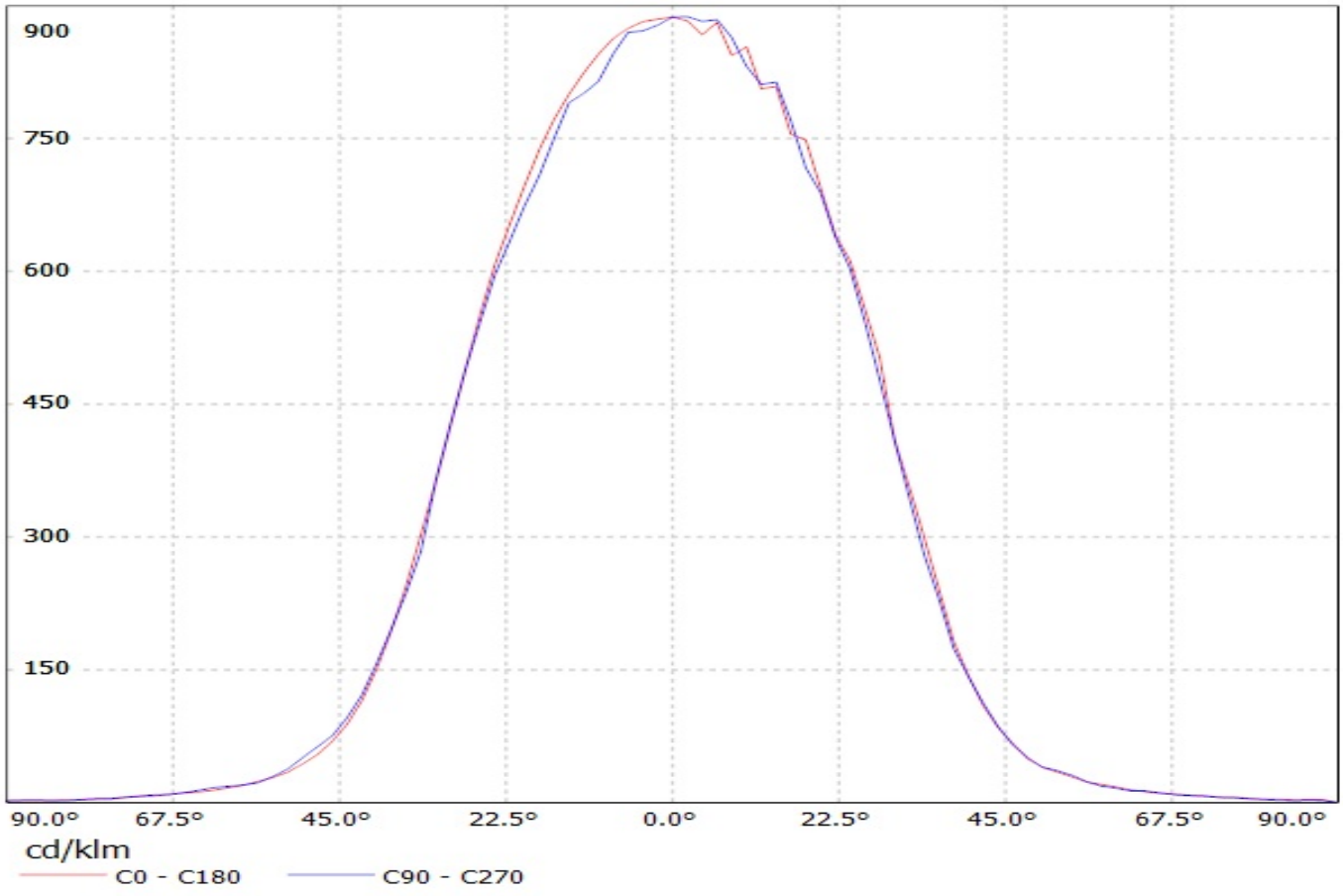
OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
MX-6	56 deg	Very Wide	84 %	1.150	-
3J (GSPW16)	56 deg	Very Wide	82 %	0.883	-
6J (GTDW16)	57 deg	Very Wide	82 %	0.842	-
OLP-x5050F6L	58 deg	Very Wide	83 %	0.900	-
NS6x83	61 deg	Very Wide	-	0.730	-

Ledil Oy
Salorankatu 10
24240 SALO, Finland

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

Luminaire: Ledil Oy FA10903_NIS83-MX-WW (Optogan 80lm @ 250mA) Efficiency=83%
Lamps: 1 x Optogan 80lm @ 250mA



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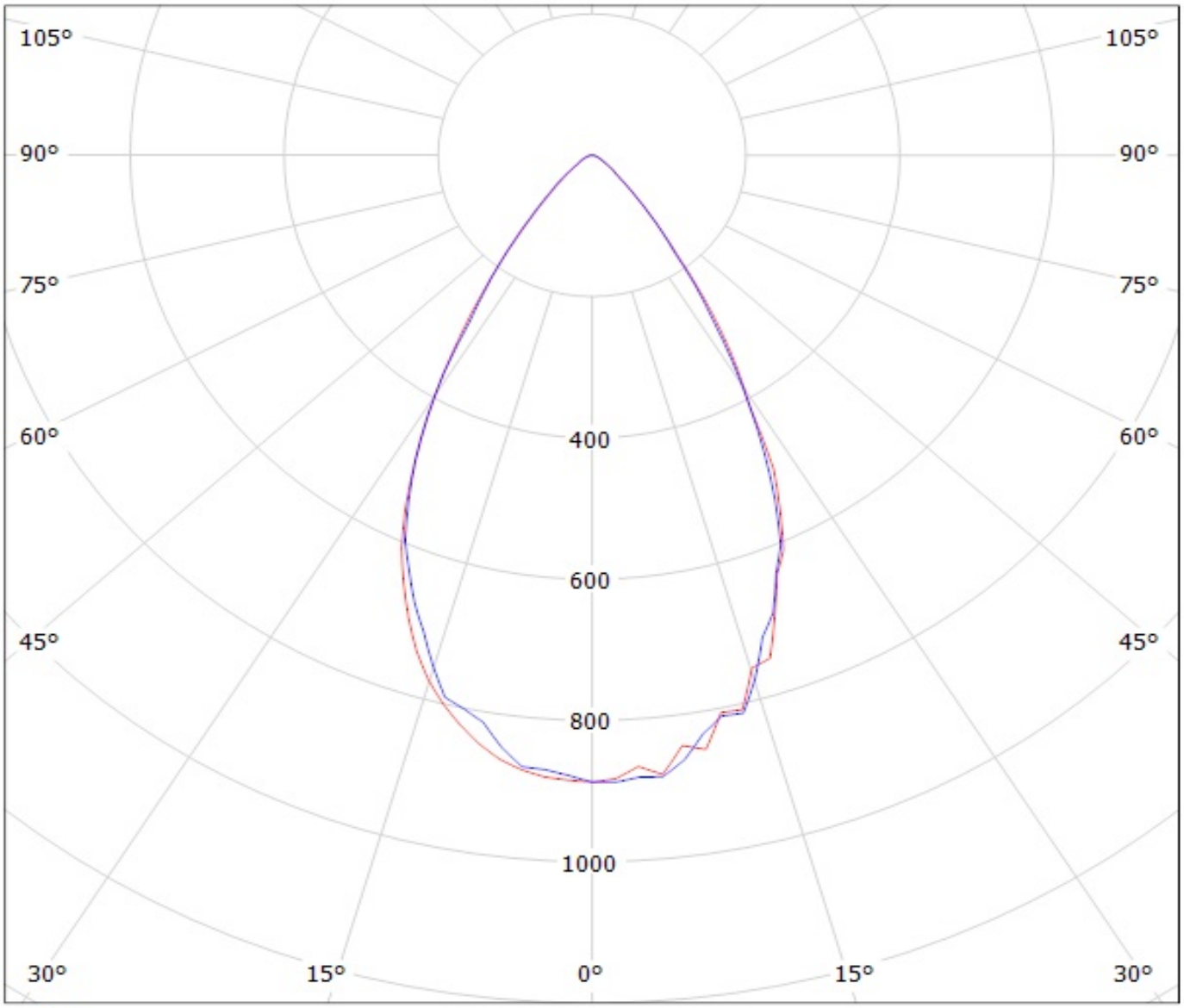

cd/klm

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! Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

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 boar 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.