

DETAILS

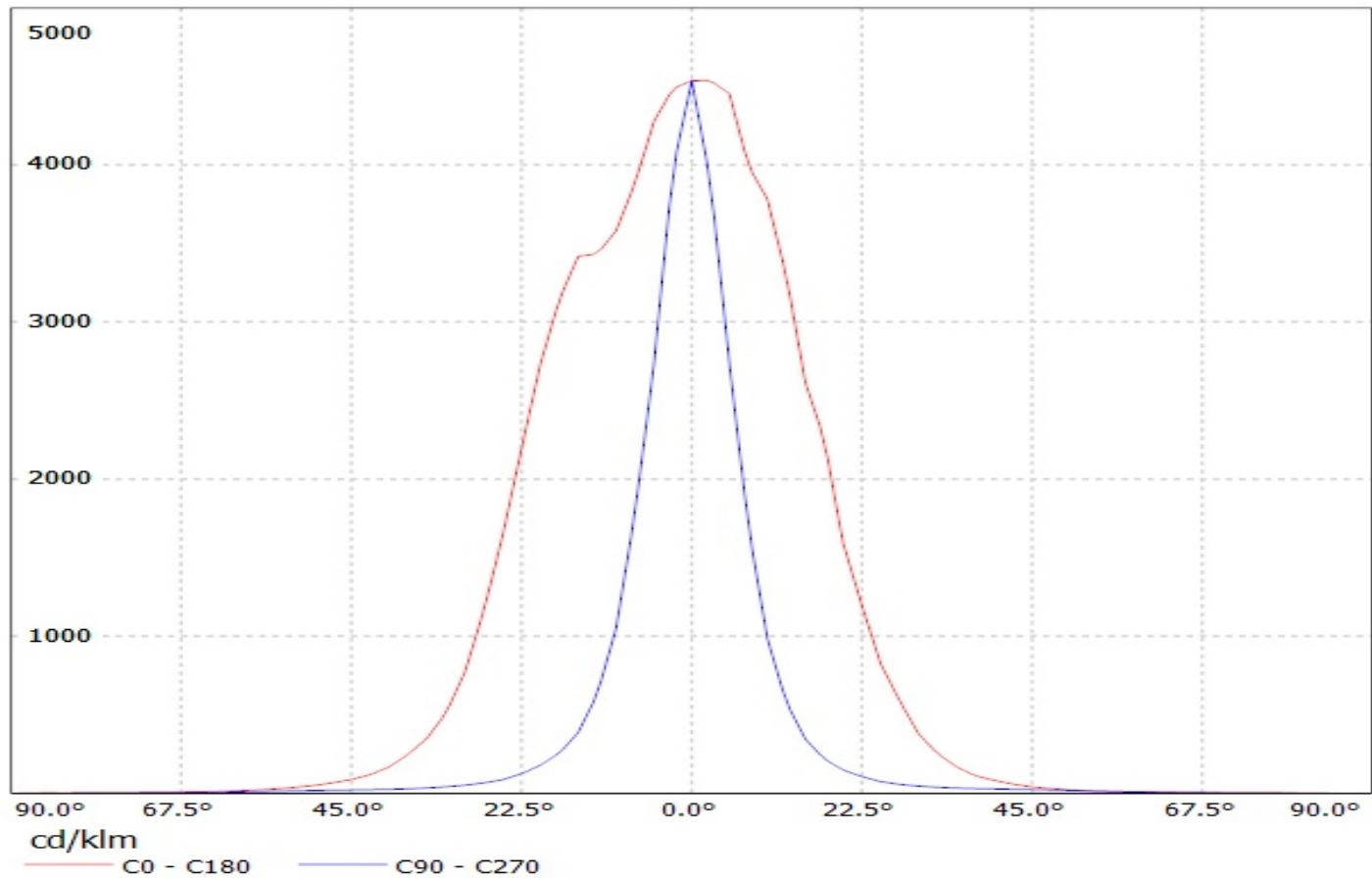
Product Number	CP12405_LN3-O-90
Family	Leila
Type	Assembly
Color	white
Diameter	21,6 mm
Height	14,3 mm
Style	round
Optic Material	PMMA
Holder Material	PC
Fastening	glue
Status	ready
ROHS Compliant	Yes
Date Updated	12/07/2013



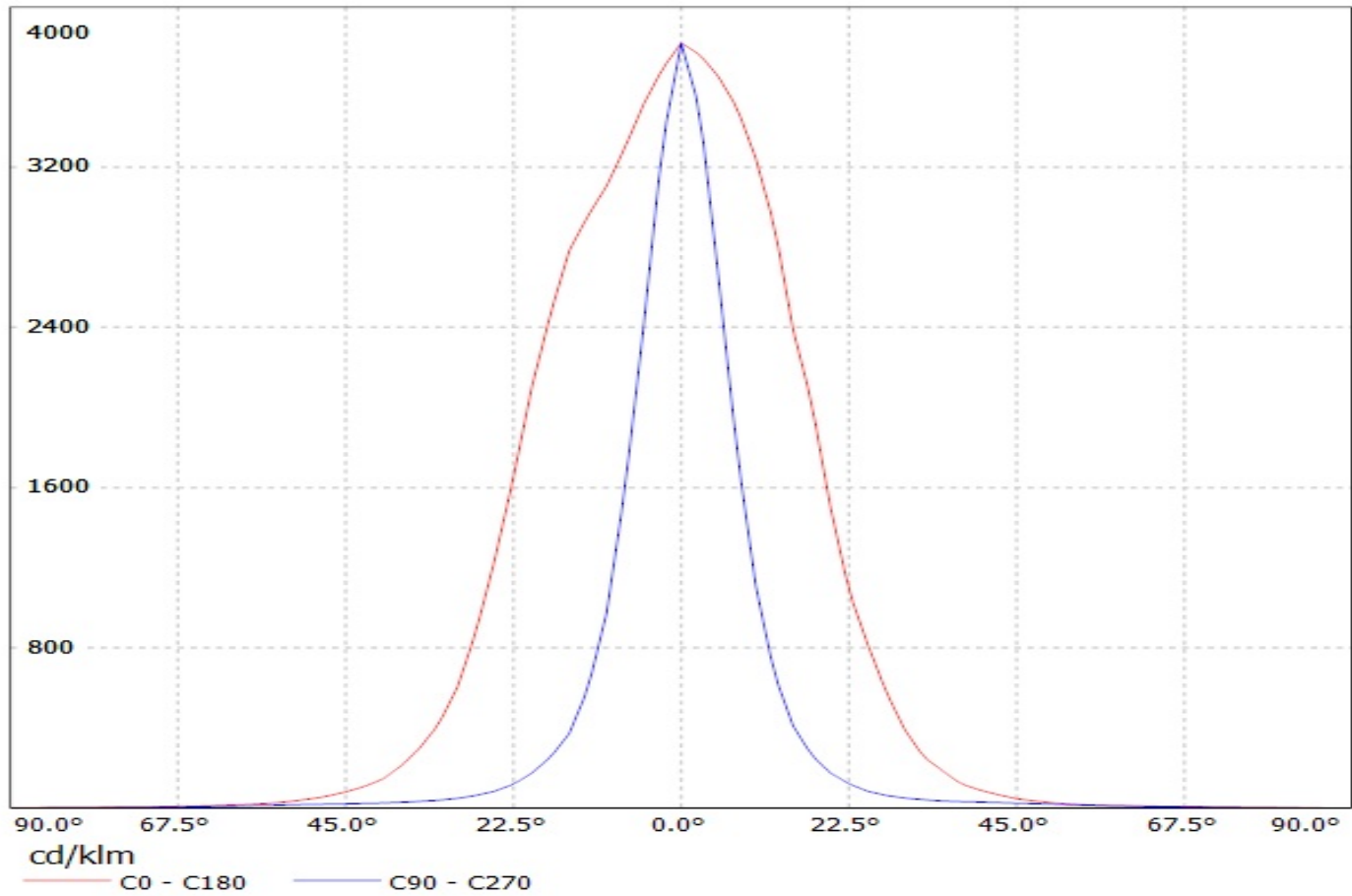
OPTICAL PROPERTIES

LED	Viewing	Light	Efficiency	cd/lm	Connector
	Angle	Beam			
NCSxx19A	35+12 deg	O-90	-	4.500	-
NVSxx19A	36+14 deg	O-90	-	3.800	-
NVSxx19B/NVSxx19C	40+14 deg	O-90	91 %	3.900	-
NCSxx19B	40+11 deg	O-90	90 %	5.300	-

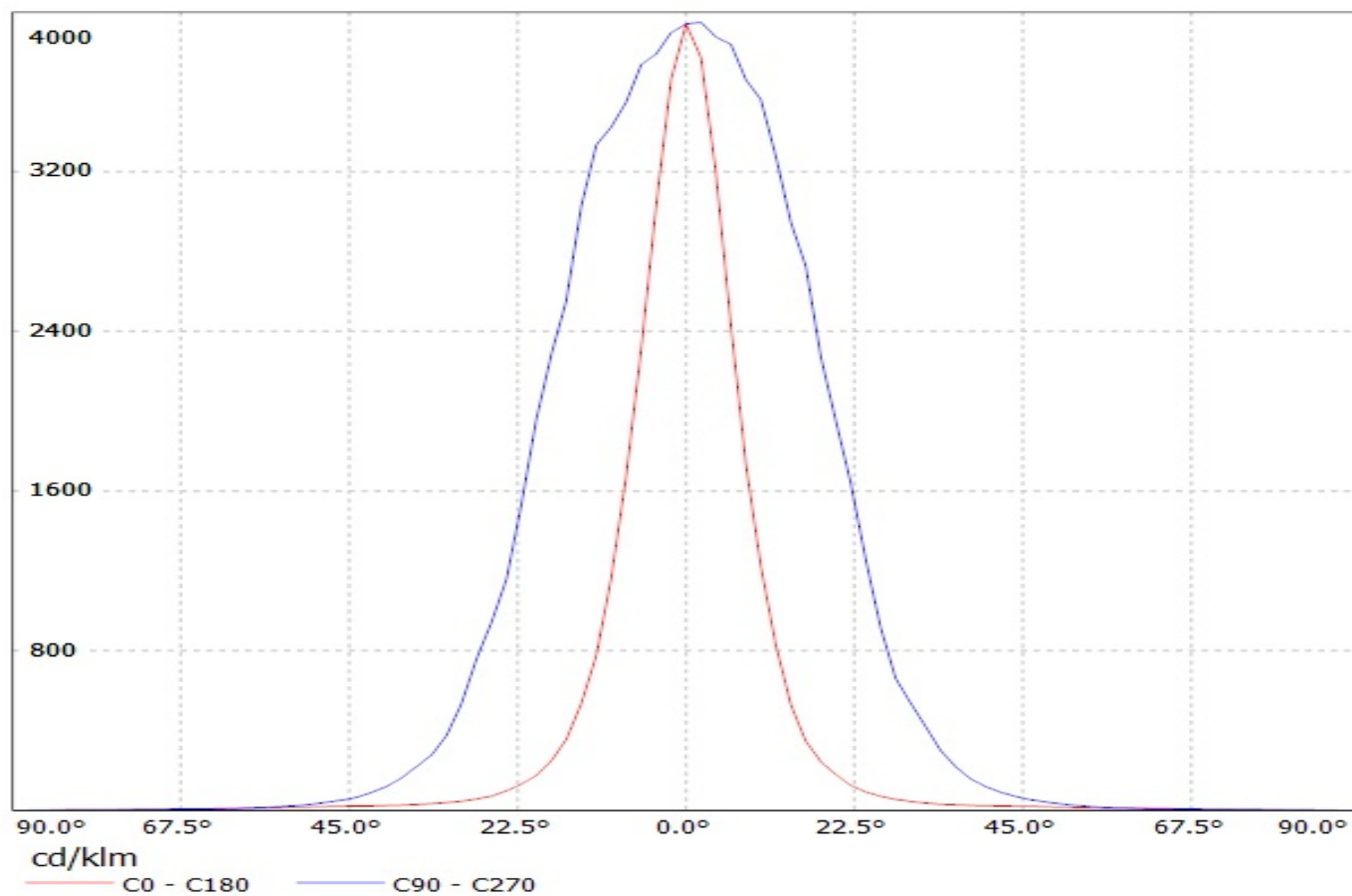
Luminaire: Ledil OY CP12405_LN3-O-90 (Nichia NCS19 95lm @ 250mA) Efficiency=87%
Lamps: 1 x Nichia NCS19 95lm @ 250mA



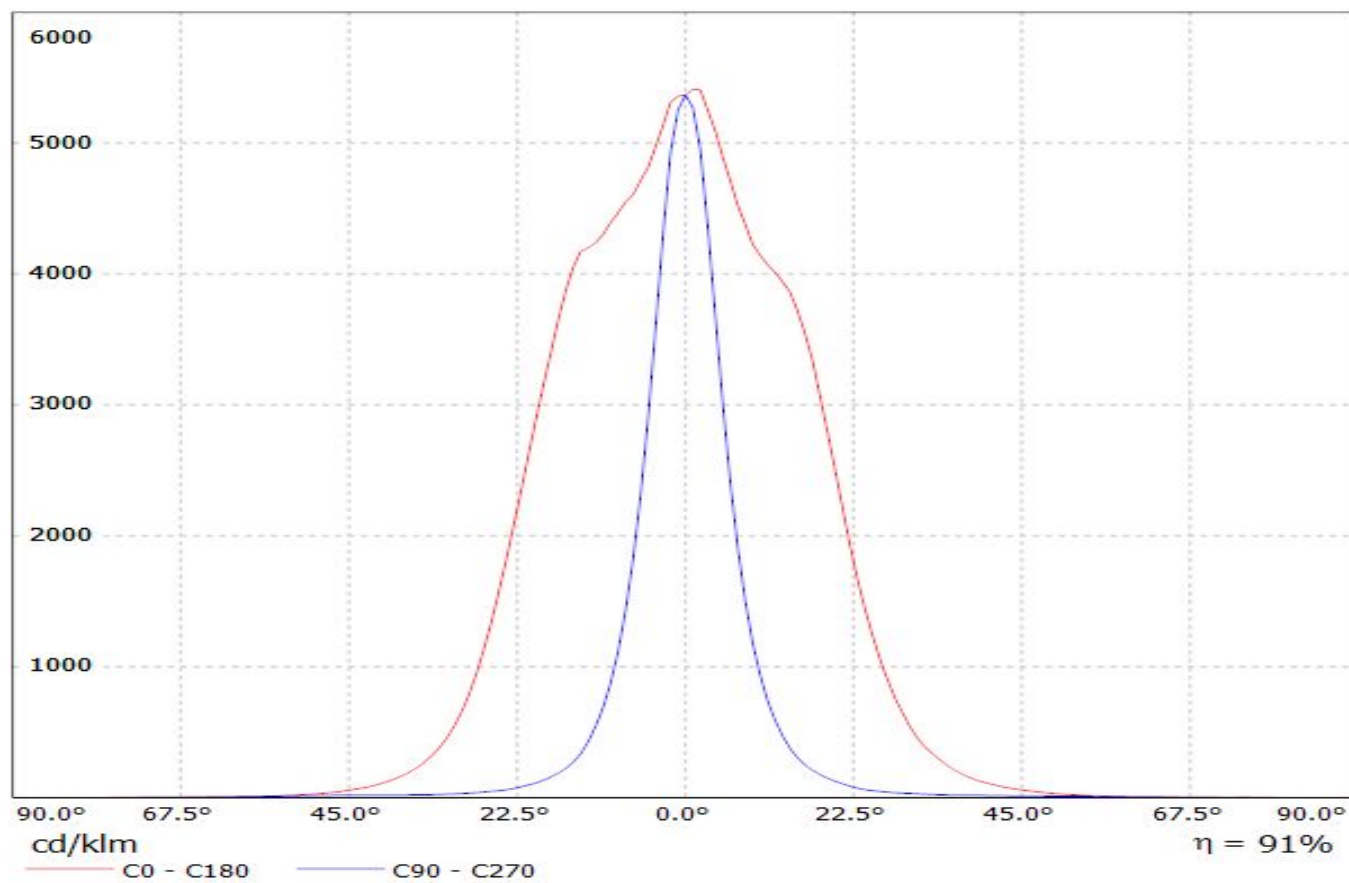
Luminaire: Ledil Oy CP12405_LN3-O-90 (Nichia NVS19 98lm @ 250mA) Efficiency=86%
Lamps: 1 x Nichia NVS19 98lm @ 250mA



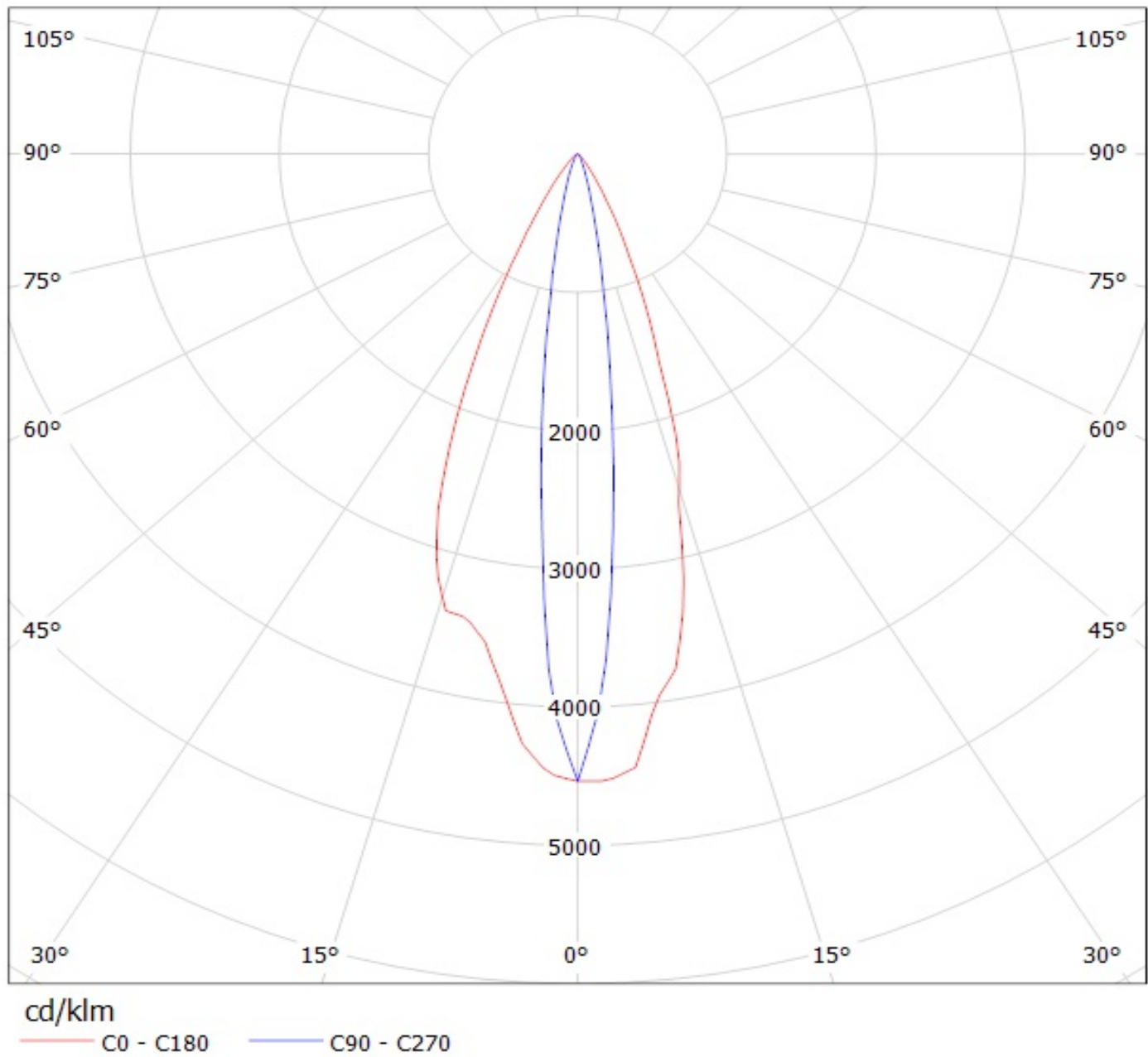
Luminaire: Ledil Oy CP12405_LN3-O-90-219B (Nichia 219B 109lm @ 250mA) Efficiency=91%
Lamps: 1 x Nichia 219B 109lm @ 250mA



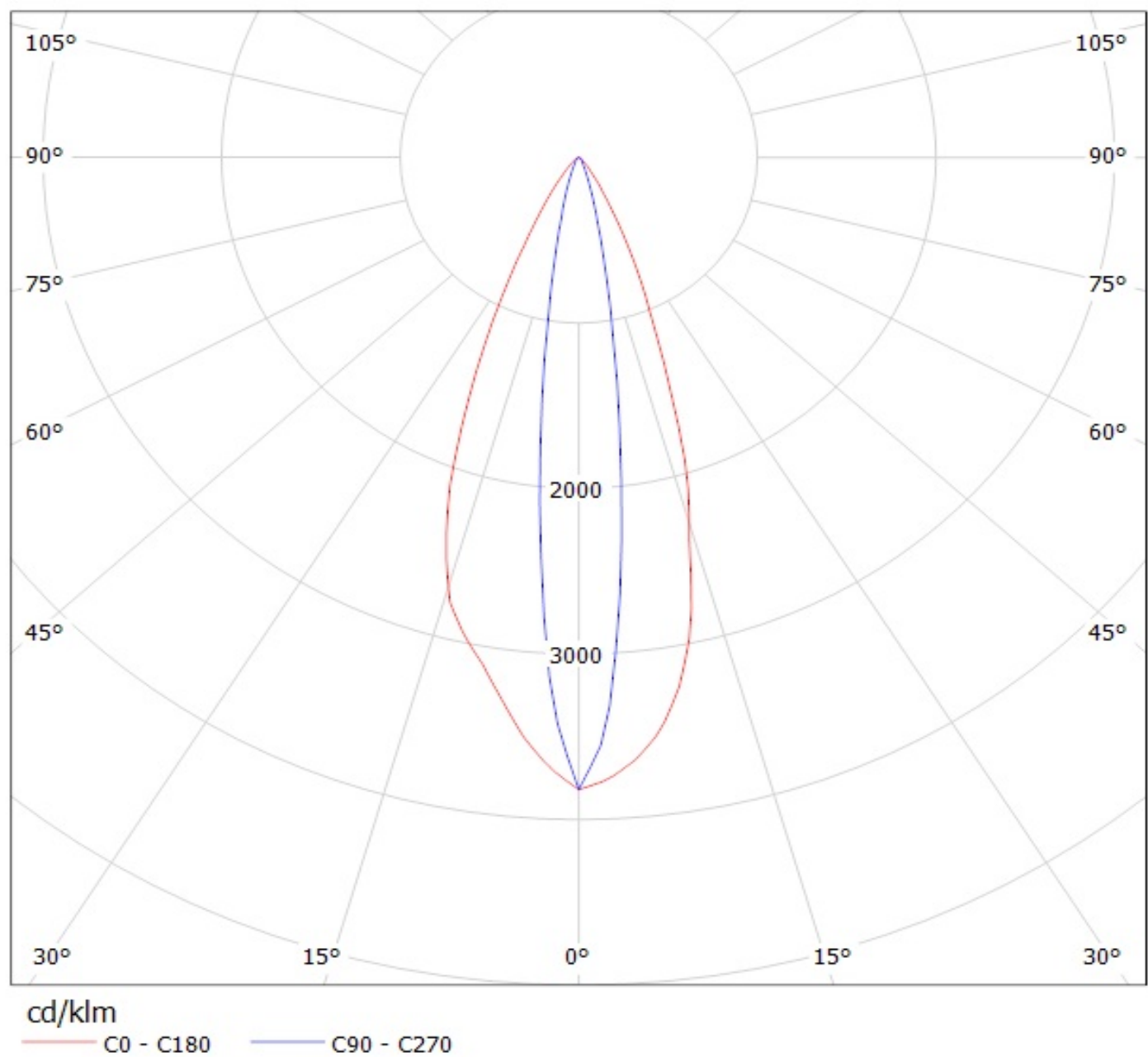
Luminaire: Ledil Oy CP12405_LN3-O-90_(NCSxx19B) Eff. 90%
Lamps: 1 x Nichia NCSxx19B (NCSL119BE) 88lm @ 250mA CCT=3000K P=0.8W I=250mA



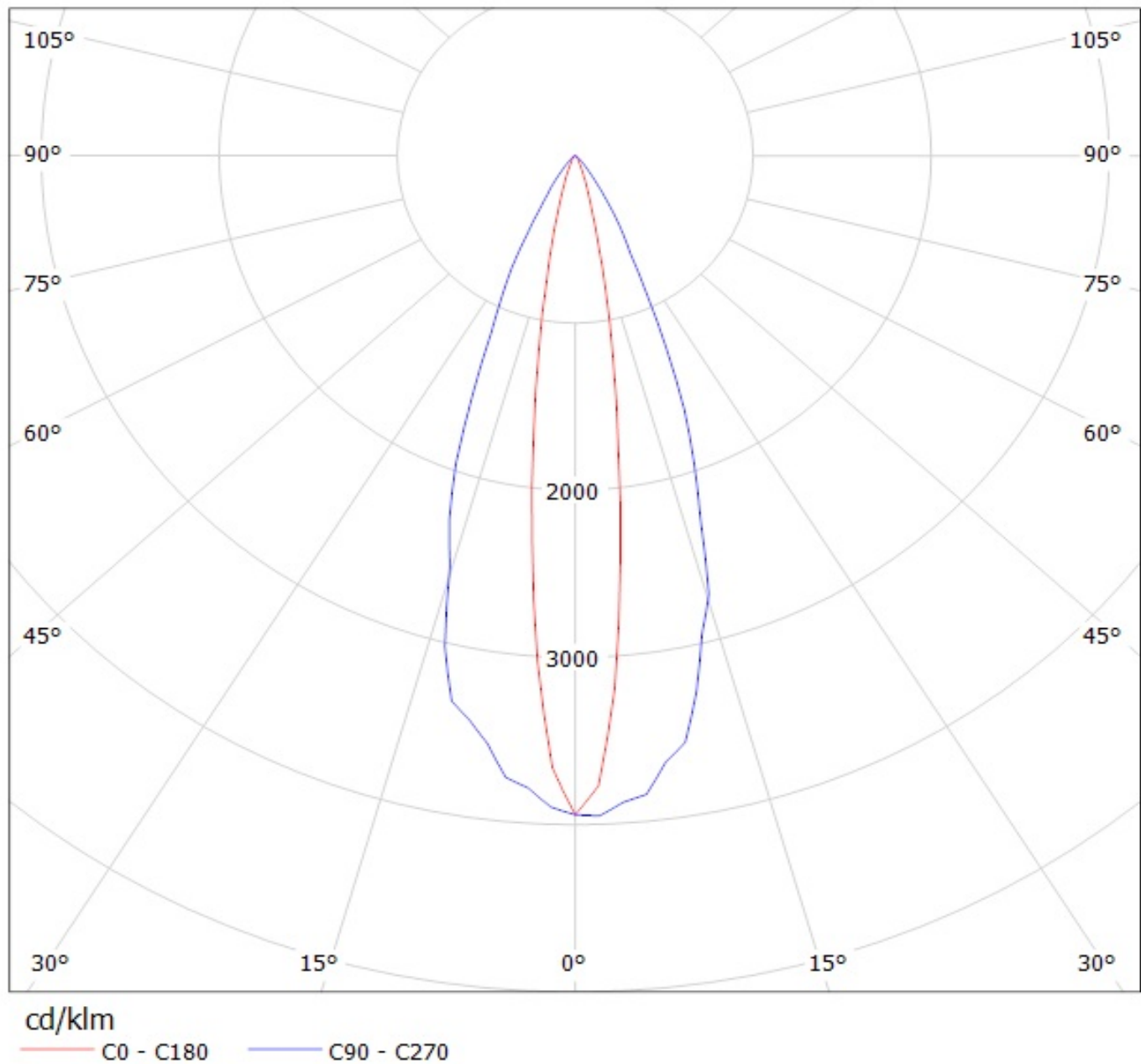
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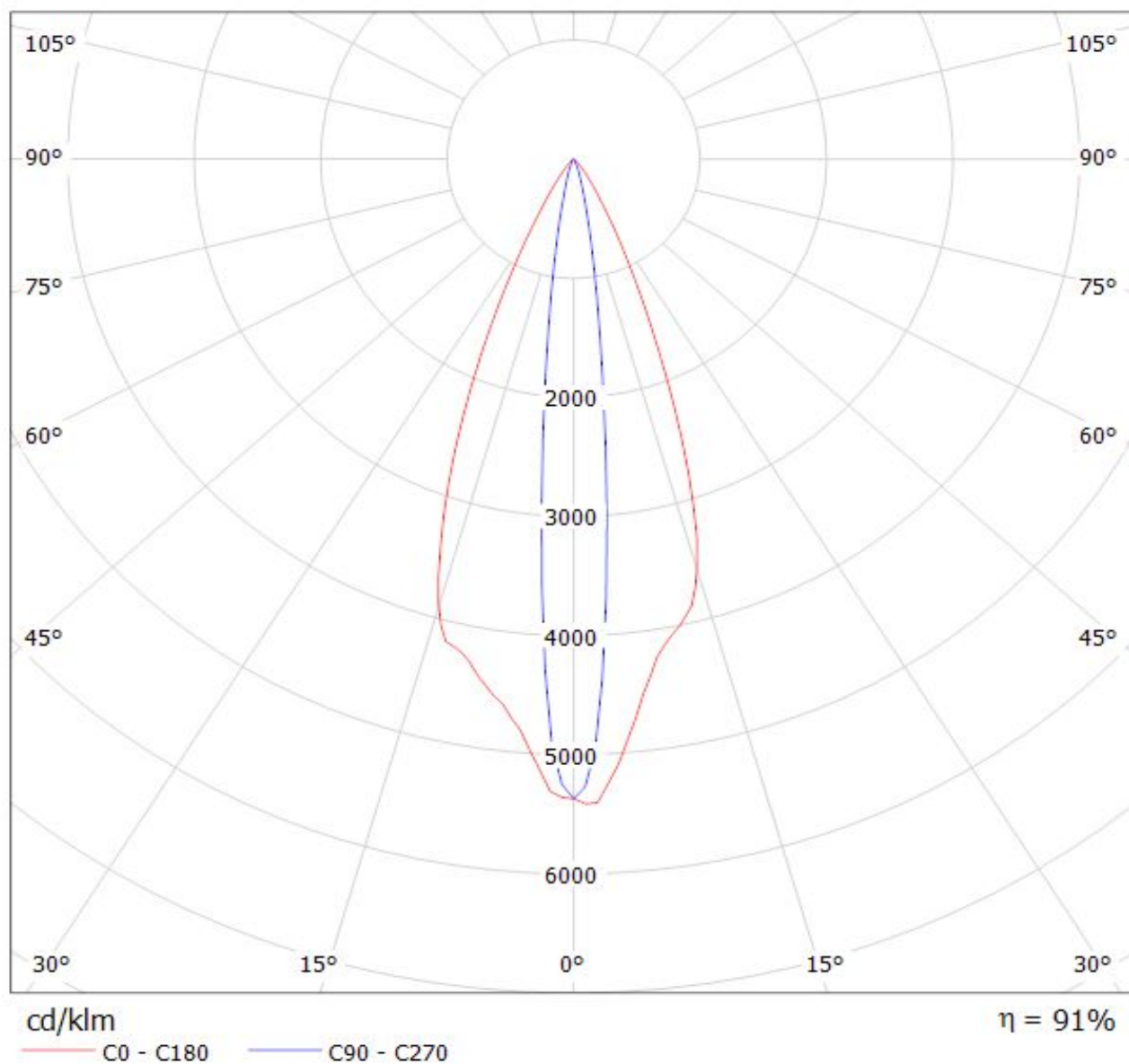
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Luminaire: Ledil Oy CP12405_LN3-O-90-219B (Nichia 219B 109lm @ 250mA) Efficiency=91%
Lamps: 1 x Nichia 219B 109lm @ 250mA



Luminaire: Ledil Oy CP12405_LN3-O-90_(NCSxx19B) Eff. 90%
Lamps: 1 x Nichia NCSxx19B (NCSL119BE) 88lm @ 250mA CCT=3000K P=0.8W I=250mA



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 PCB with appropriate adhesive. By clicking link below you can find Ledil recommended glue options.
http://www.ledil.com/datasheets/DataSheet_GLUES.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 glue.

NOTE 2: All surfaces where glue 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.