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PRODUCT DATASHEET
Regina series
last update 18/4/2012

DETAILS



Product Number	C11347_REGINA
Family	Regina
Type	Reflector
Color	metal
Diameter	19 mm
Height	15,3 mm
Style	round
Optic Material	PC
Holder Material	
Fastening	pin, glue
Status	ready
ROHS Comliant	Yes
Date Updated	18/04/2012

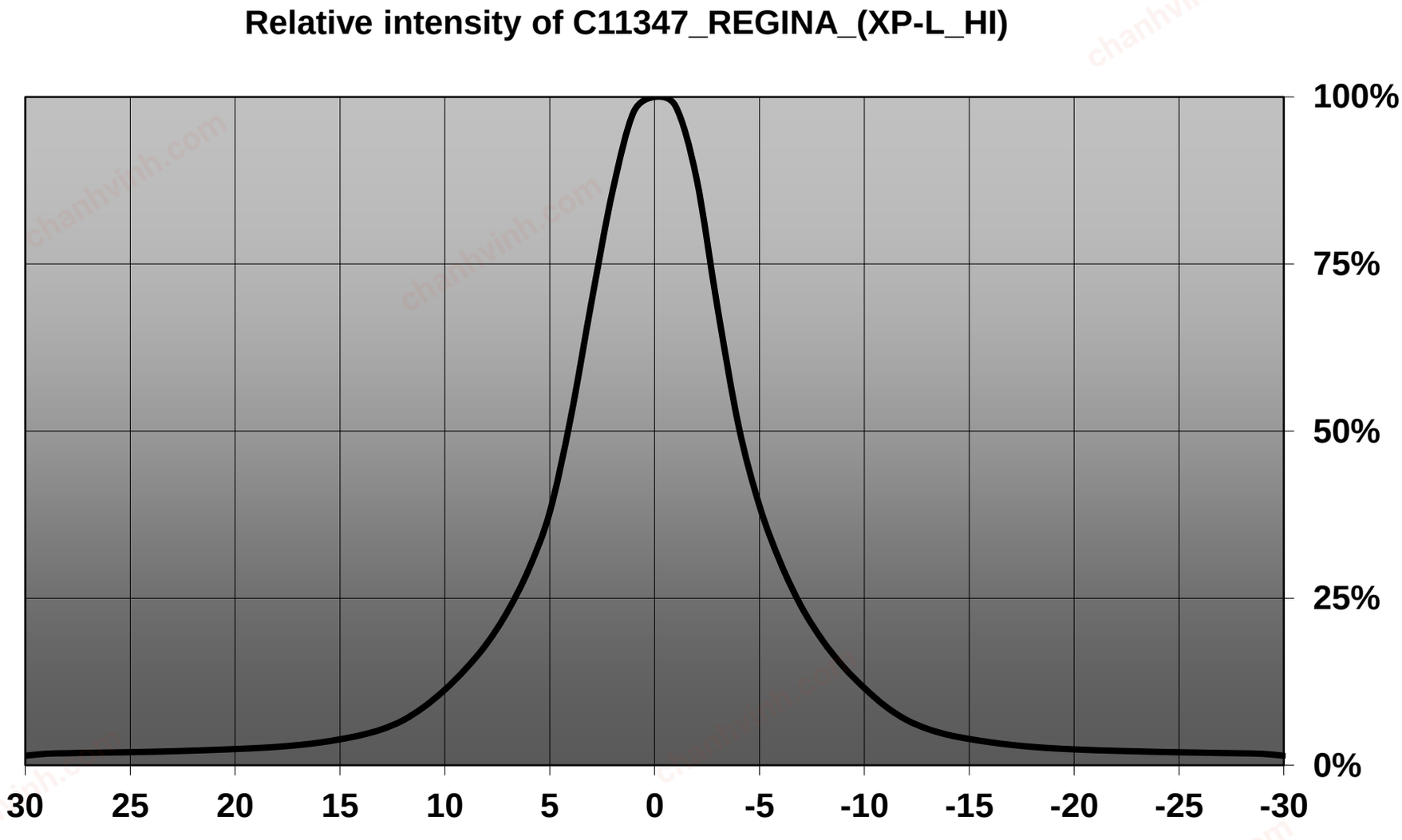
OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
Oslon SSL 150	6 deg	Real spot	84 %	24.000	-
LUXEON Rebel	7 deg	Real spot	89 %	sim: 0.000	-
XP-E	8 deg	Real spot	86 %	-	-
XP-L HI	8.2 deg	Real spot	84 %	16.900	-
XP-G	10 deg	Real spot	86 %	sim: 0.000	-
NCSxx19A	10 deg	Real spot	84 %	-	-
Oslon SSL 80	10 deg	Real spot	89 %	sim: 0.000	-
NVSxx19A	10 deg	Real spot	84 %	-	-
LUXEON Rebel ES	10 deg	Real spot	89 %	sim: 0.000	-
Z5	11 deg	Real spot	-	-	-

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24240 SALO, Finland

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

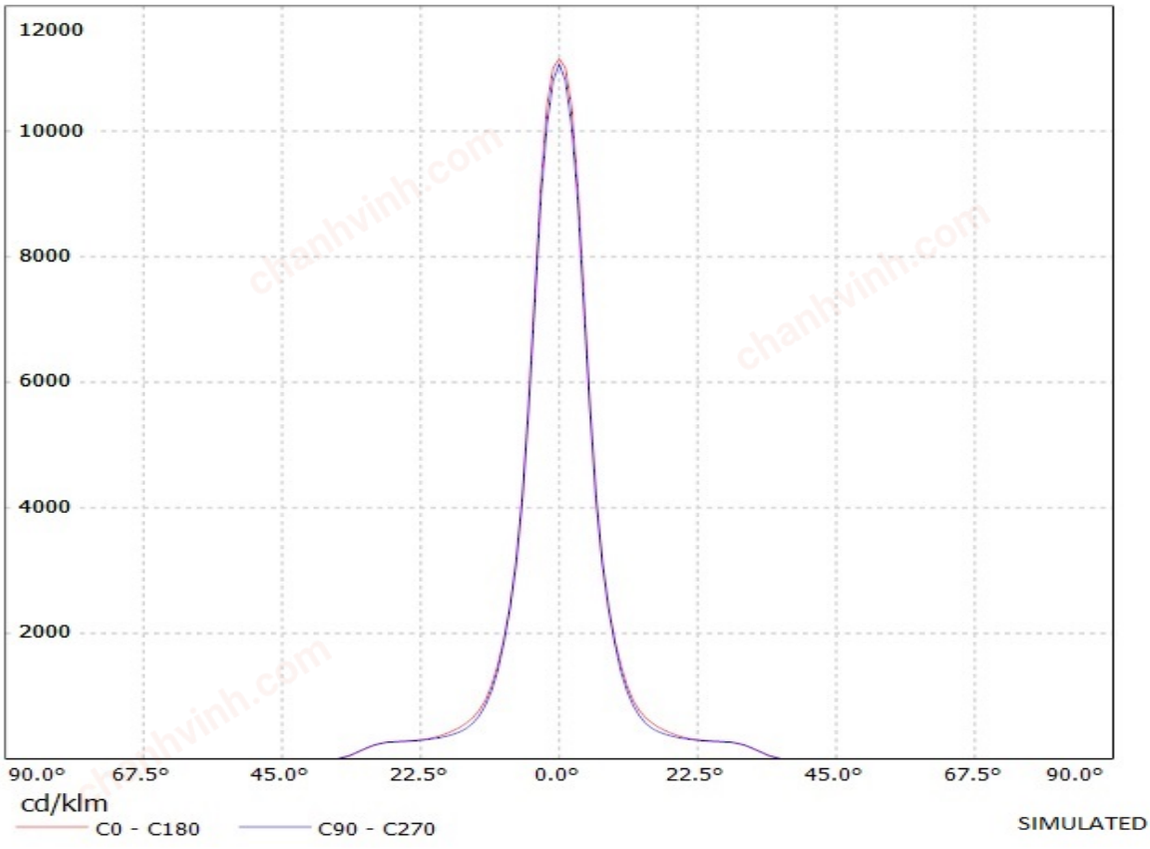
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Ledil Oy C11347_Regina-RE-ES C11347_Regina-RE-ES / LDC (Linear)

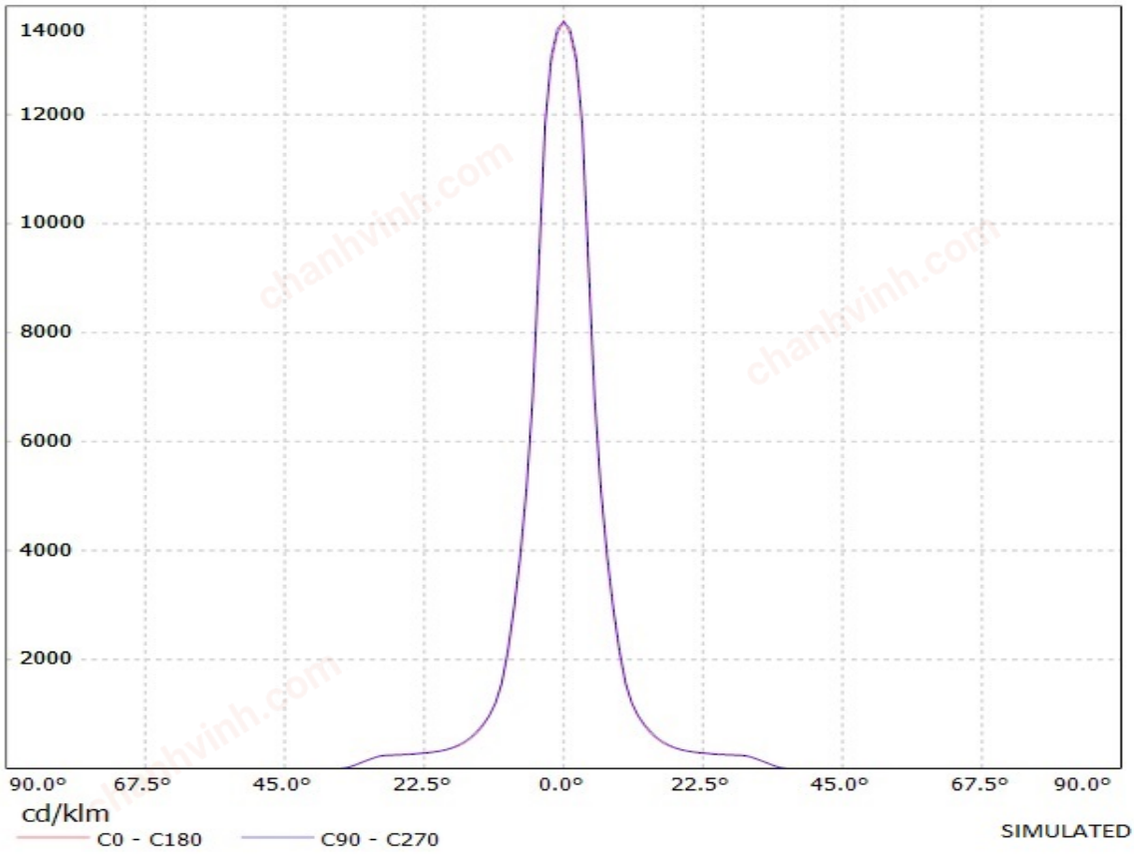
Luminaire: Ledil Oy C11347_Regina-RE-ES C11347_Regina-RE-ES
Lamps: 1 x Luxeon Rebel ES



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Ledil Oy C11347_Regina-XP-G C11347_Regina-XP-G / LDC (Linear)

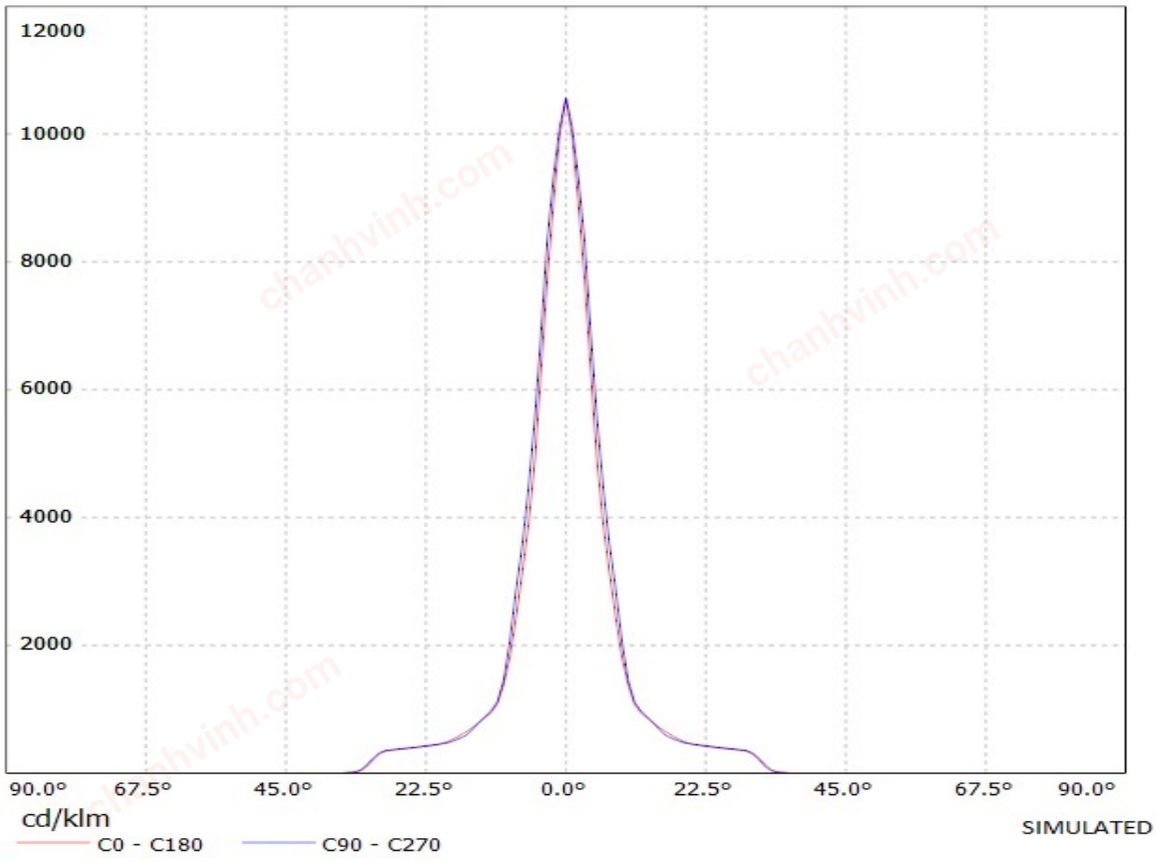
Luminaire: Ledil Oy C11347_Regina-XP-G C11347_Regina-XP-G
Lamps: 1 x Cree XP-G (White)



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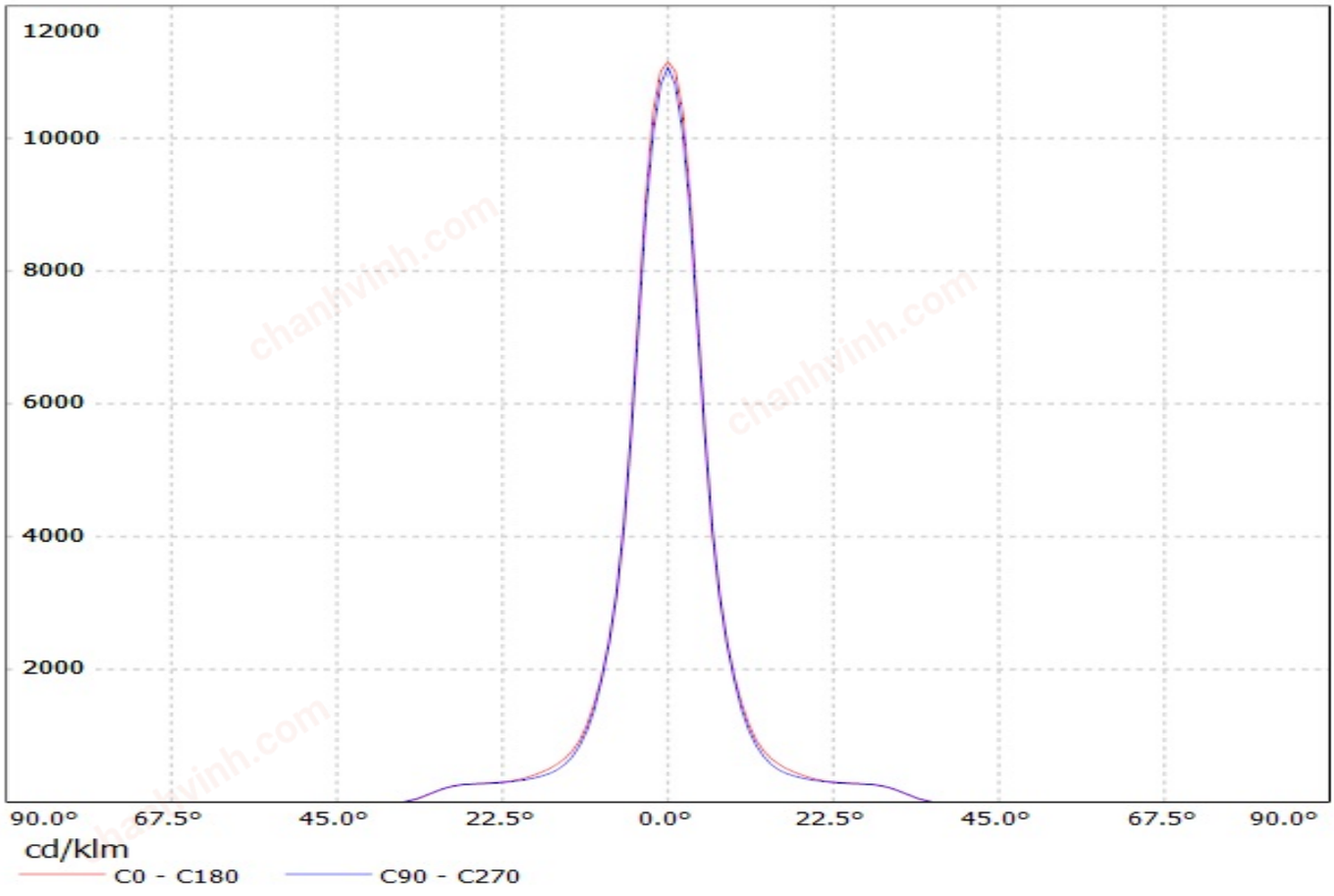
Ledil Oy C11347_Regina-OSL C11347_Regina-OSL / LDC (Linear)

Luminaire: Ledil Oy C11347_Regina-OSL C11347_Regina-OSL
Lamps: 1 x Osram Oslon SSL (White)



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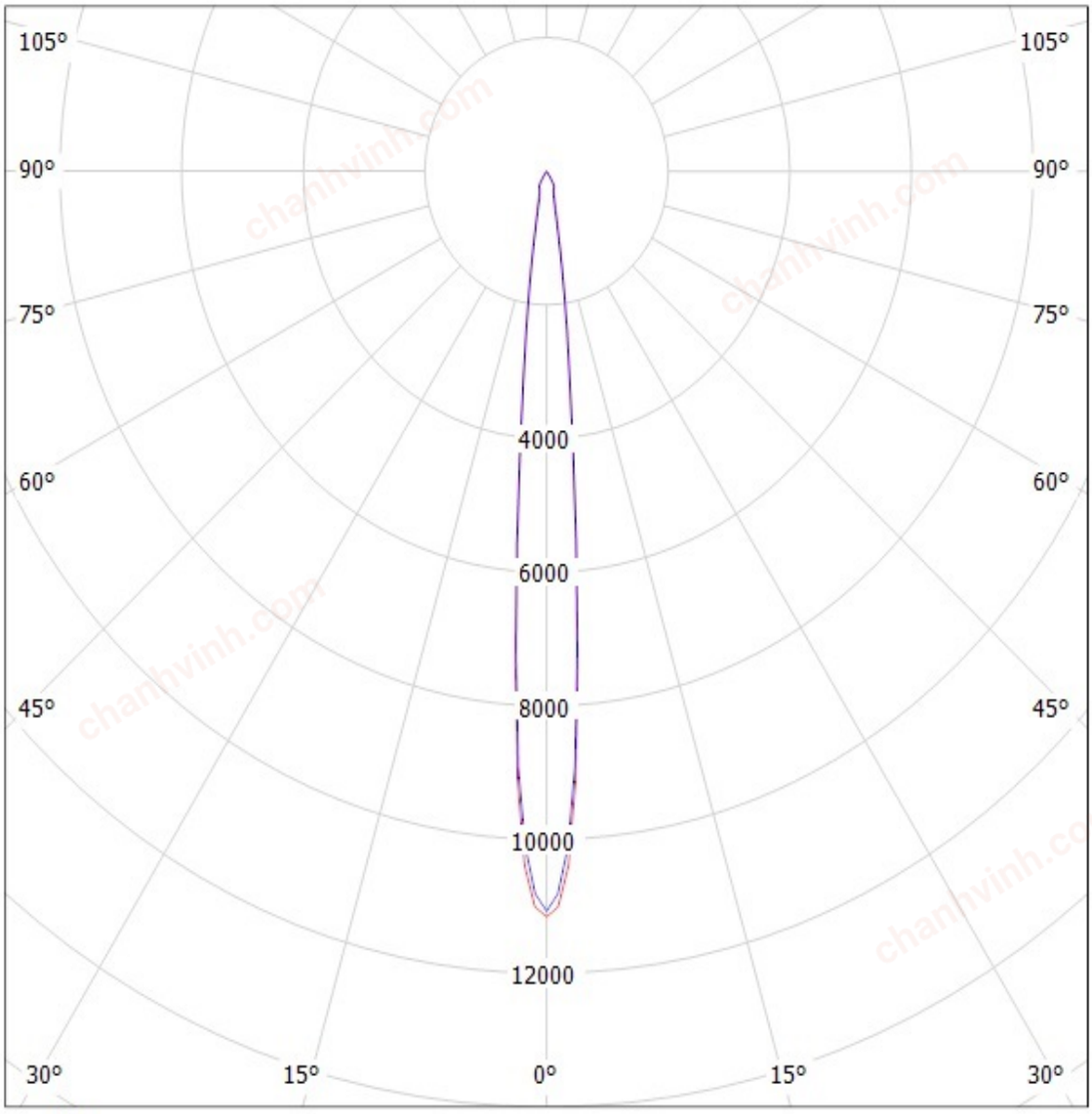
Luminaire: Ledil Oy C11347_Regina-RE-ES C11347_Regina-RE-ES
Lamps: 1 x Luxeon Rebel ES



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Ledil Oy C11347_Regina-RE-ES C11347_Regina-RE-ES / LDC (Polar)

Luminaire: Ledil Oy C11347_Regina-RE-ES C11347_Regina-RE-ES
Lamps: 1 x Luxeon Rebel ES



cd/klm

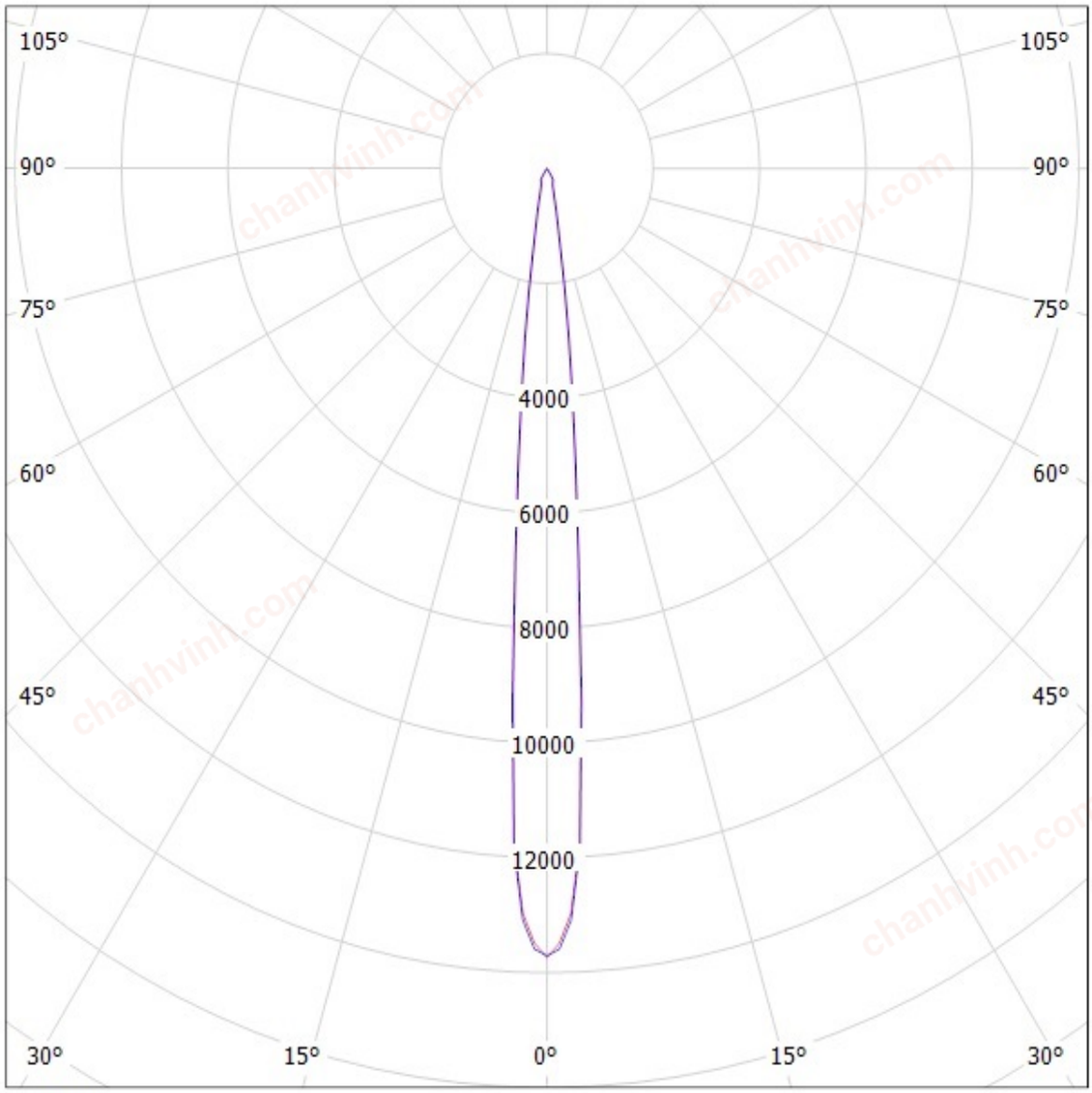
SIMULATED

C0 - C180 C90 - C270

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Ledil Oy C11347_Regina-XP-G C11347_Regina-XP-G / LDC (Polar)

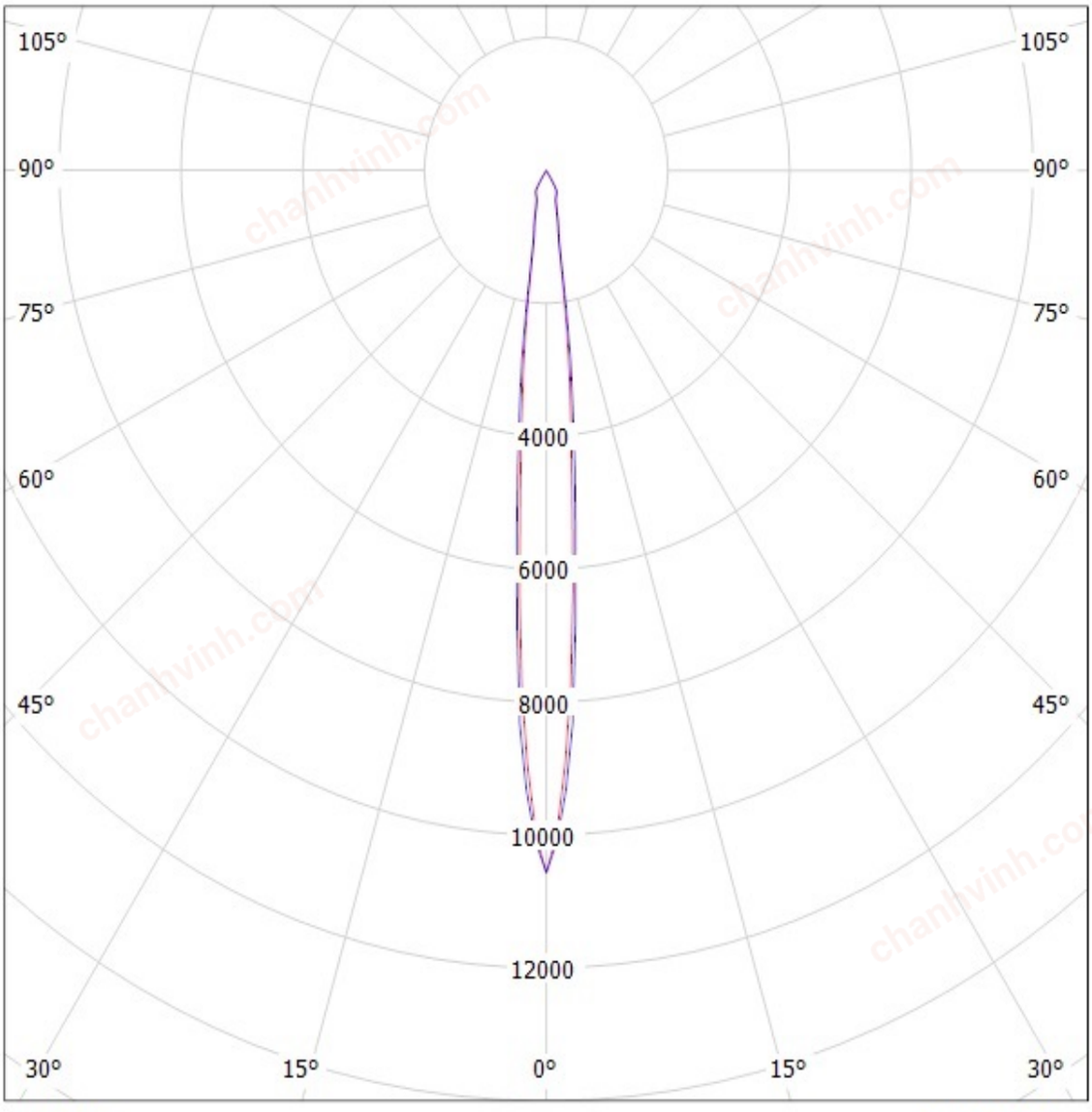
Luminaire: Ledil Oy C11347_Regina-XP-G C11347_Regina-XP-G
Lamps: 1 x Cree XP-G (White)



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Ledil Oy C11347_Regina-OSL C11347_Regina-OSL / LDC (Polar)

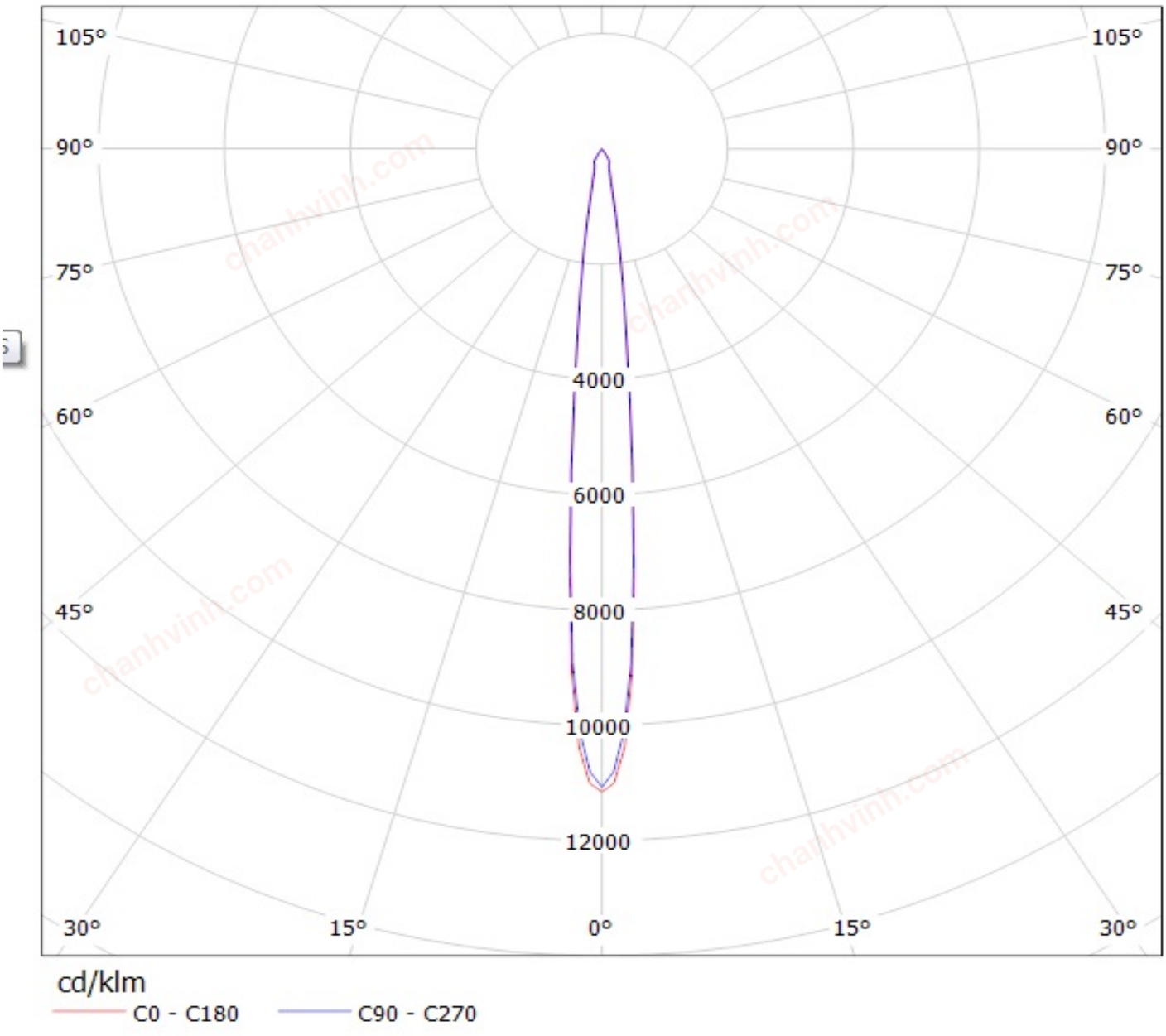
Luminaire: Ledil Oy C11347_Regina-OSL C11347_Regina-OSL
Lamps: 1 x Osram Oslon SSL (White)



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Luminaire: Ledil Oy C11347_Regina-RE-ES C11347_Regina-RE-ES
Lamps: 1 x Luxeon Rebel ES



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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 boar 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.