



# PRODUCT DATASHEET

## Regina series

last update 18/4/2012

### DETAILS

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

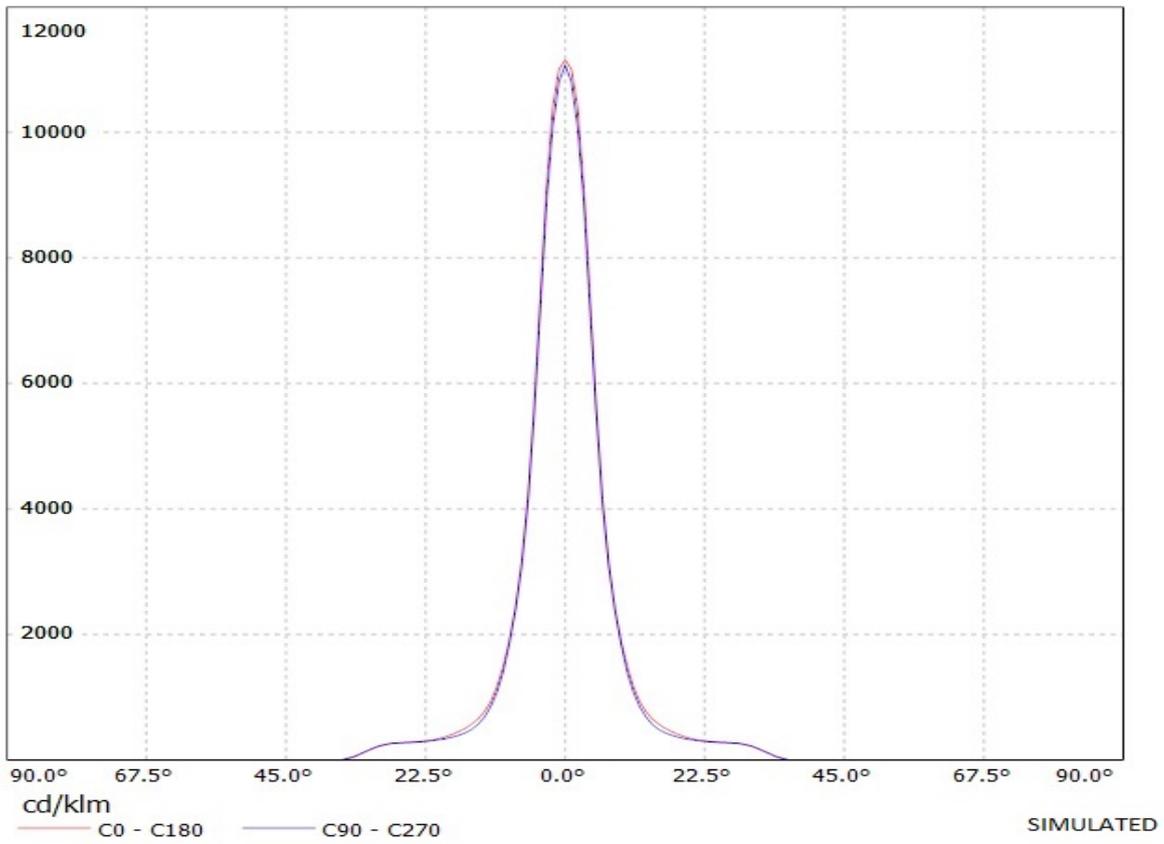


### OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm
Oslon SSL 150	6 degrees		84 %	24.000
LUXEON Rebel	7 degrees		89 %	(simulated) 0.000
XP-E	8 degrees		86 %	-
XP-G	10 degrees		86 %	(simulated) 0.000
NCSxx19A	10 degrees		84 %	-

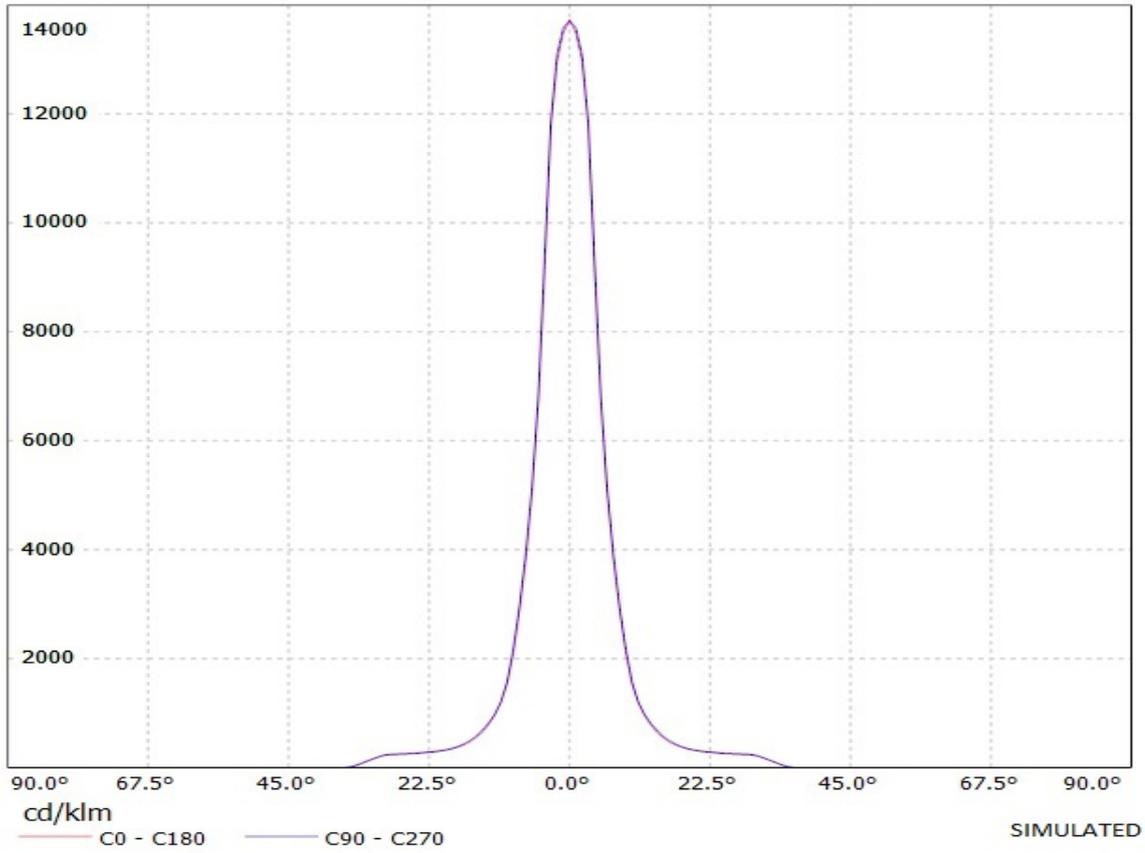
# Ledil Oy C11347\_Regina-RE-ES C11347\_Regina-RE-ES / LDC (Linear)

Luminaire: Ledil Oy C11347\_Regina-RE-ES C11347\_Regina-RE-ES  
Lamps: 1 x Luxeon Rebel ES



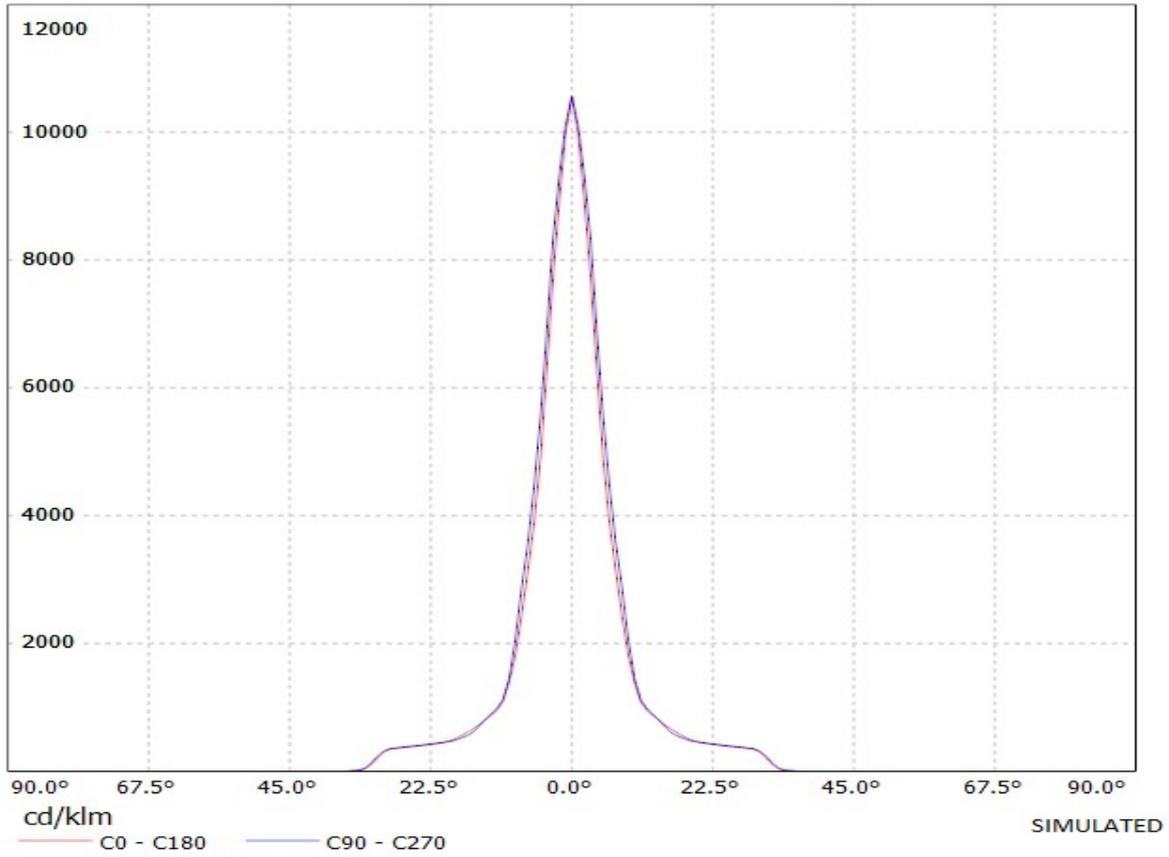
# Ledil Oy C11347\_Regina-XP-G C11347\_Regina-XP-G / LDC (Linear)

Luminaire: Ledil Oy C11347\_Regina-XP-G C11347\_Regina-XP-G  
Lamps: 1 x Cree XP-G (White)

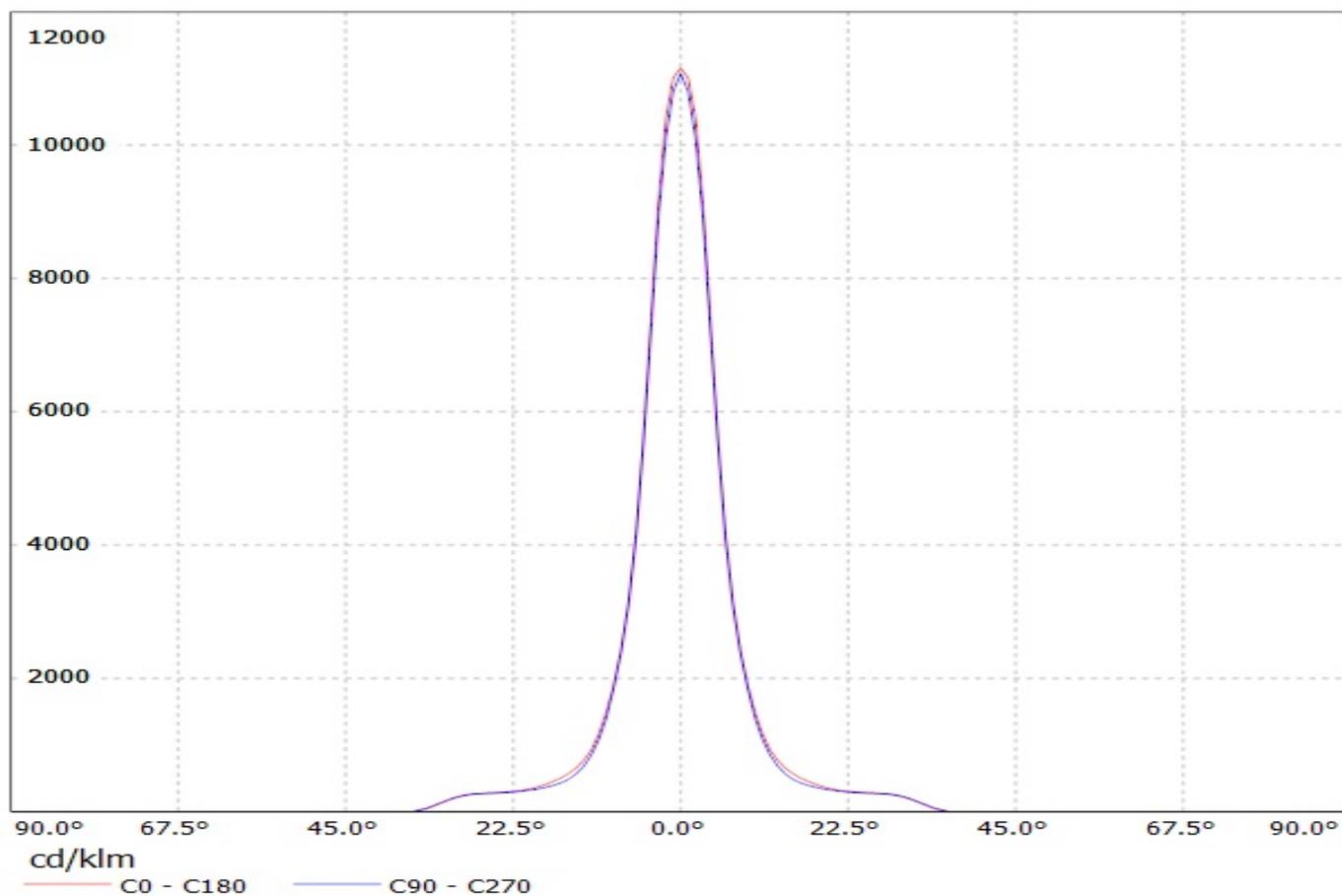


# Ledil Oy C11347\_Regina-OSL C11347\_Regina-OSL / LDC (Linear)

Luminaire: Ledil Oy C11347\_Regina-OSL C11347\_Regina-OSL  
Lamps: 1 x Osram Oslon SSL (White)



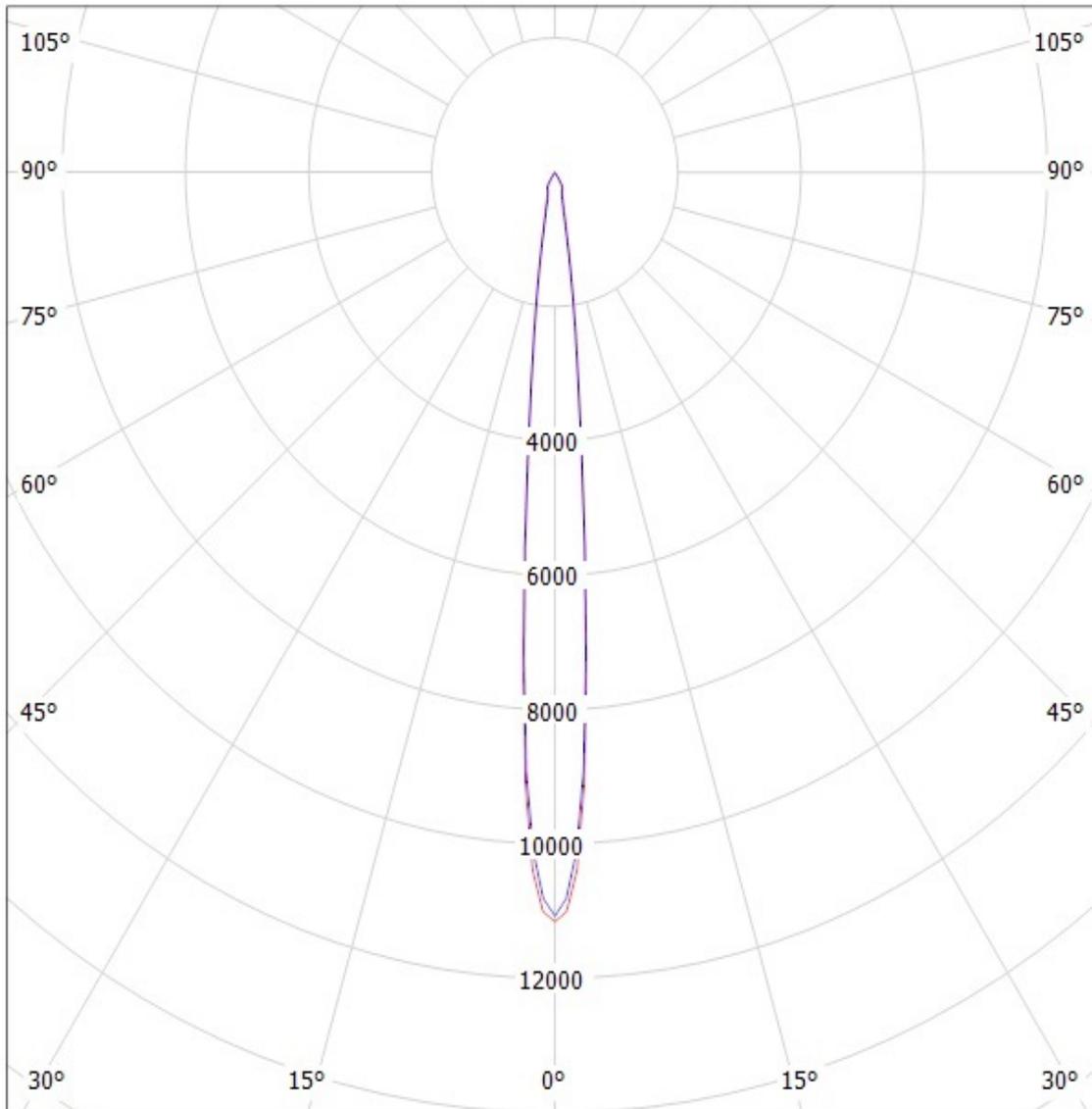
Luminaire: Ledil Oy C11347\_Regina-RE-ES C11347\_Regina-RE-ES  
Lamps: 1 x Luxeon Rebel ES



# 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

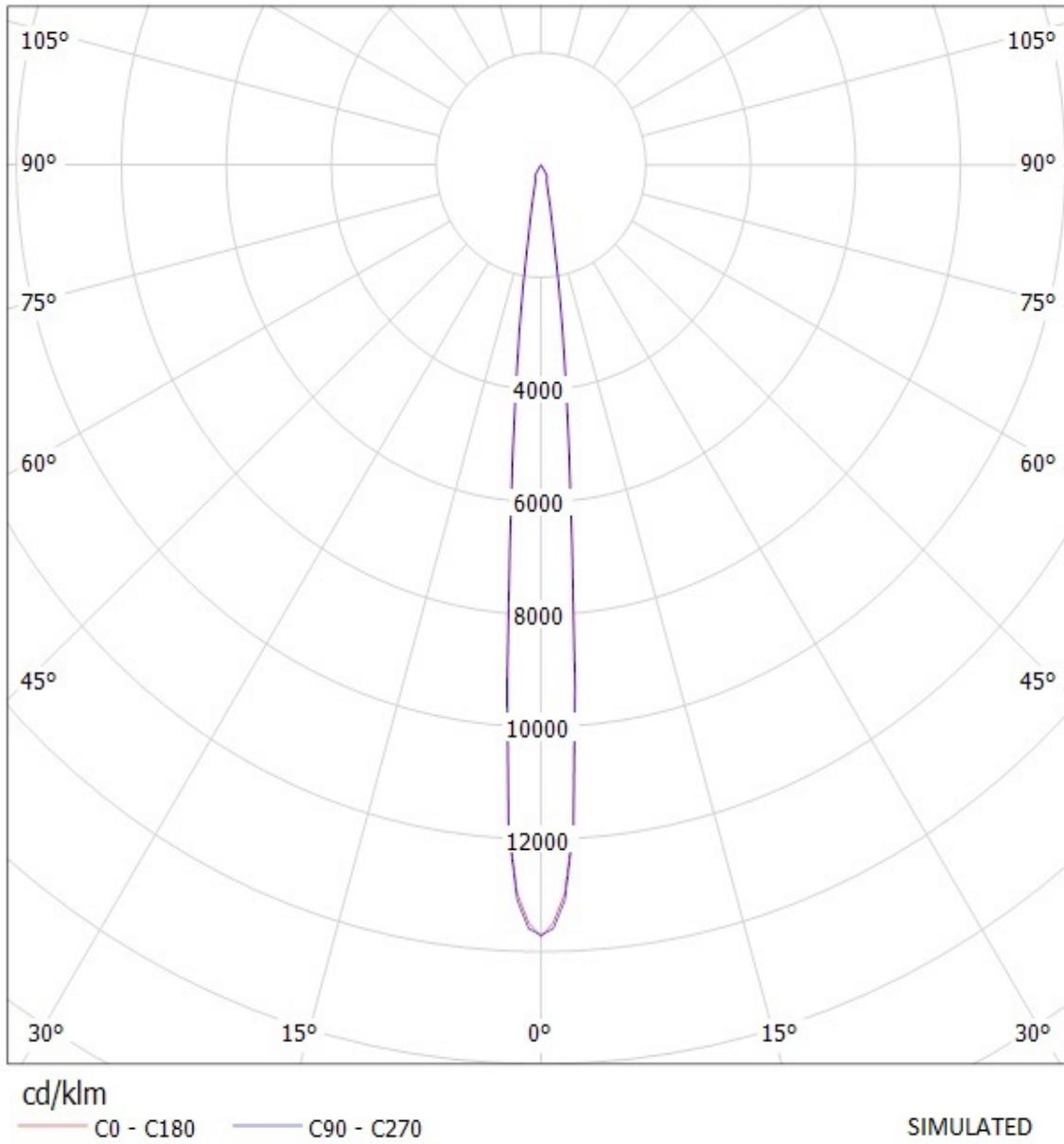
— C0 - C180

— C90 - C270

SIMULATED

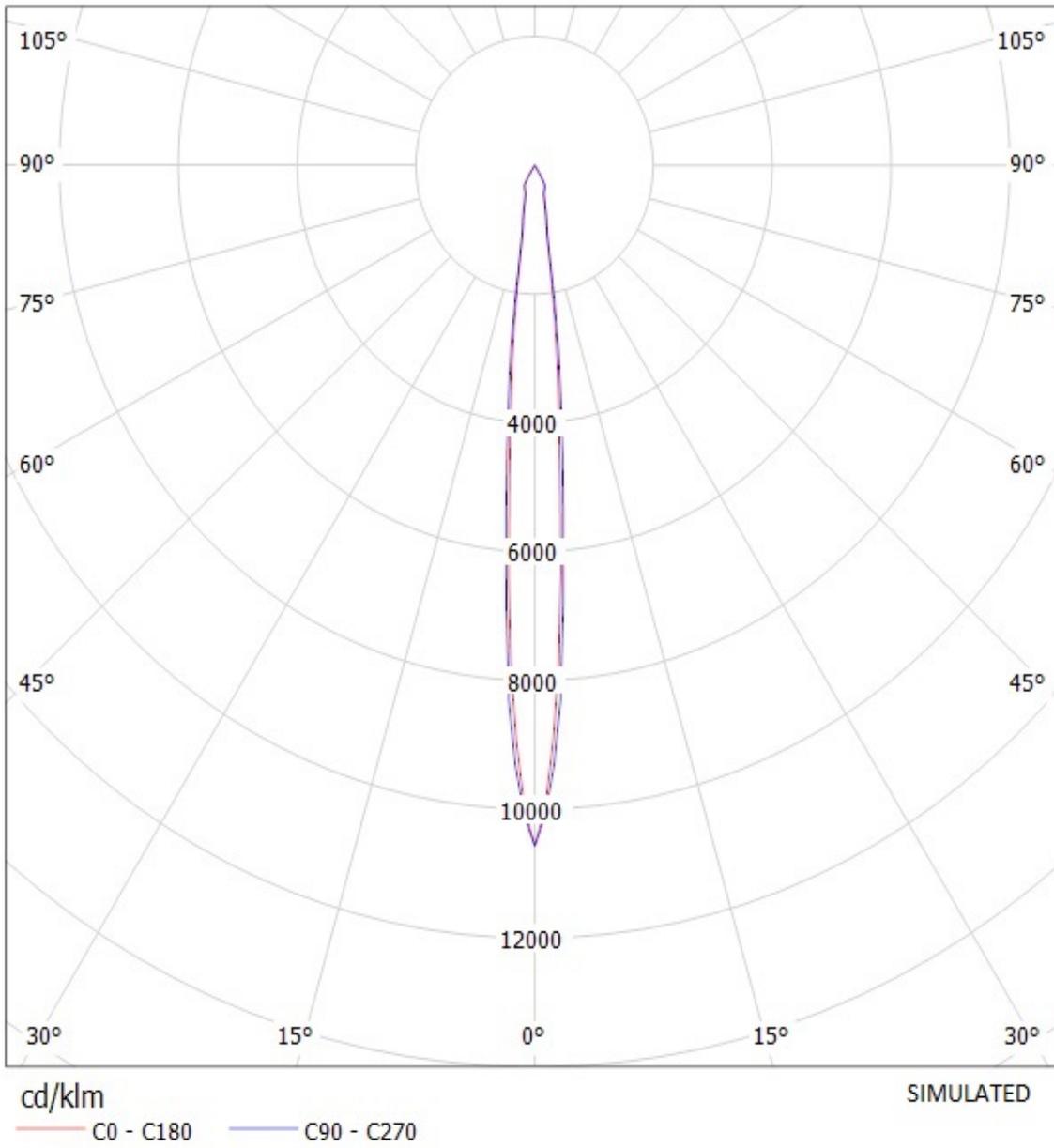
# Ledil Oy C11347\_Regina-XP-G C11347\_Regina-XP-G / LDC (Polar)

Luminaire: Ledil Oy C11347\_Regina-XP-G C11347\_Regina-XP-G  
Lamps: 1 x Cree XP-G (White)

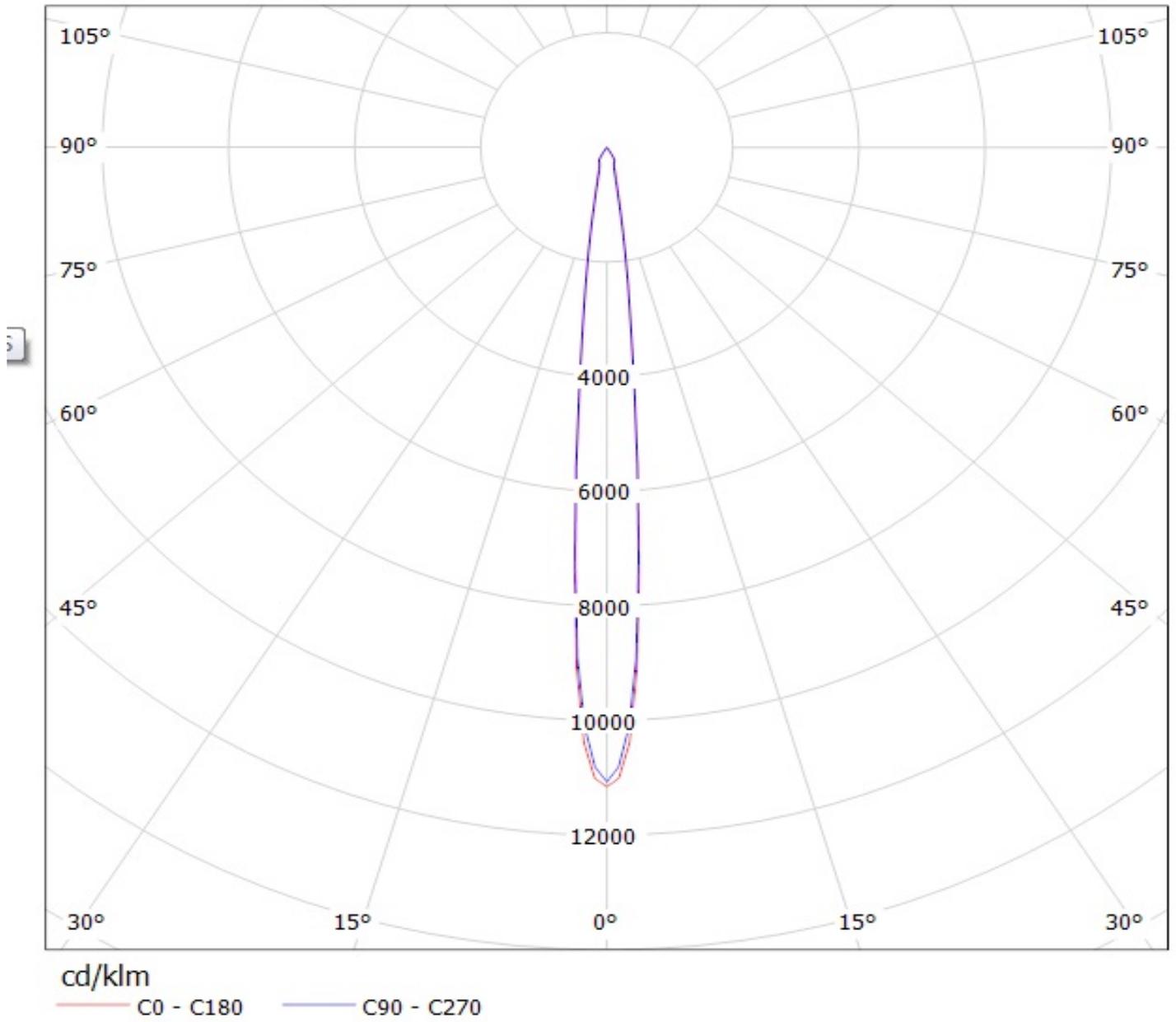


# Ledil Oy C11347\_Regina-OSL C11347\_Regina-OSL / LDC (Polar)

Luminaire: Ledil Oy C11347\_Regina-OSL C11347\_Regina-OSL  
Lamps: 1 x Osram Oslon SSL (White)



Luminaire: Ledil Oy C11347\_Regina-RE-ES C11347\_Regina-RE-ES  
Lamps: 1 x Luxeon Rebel ES



**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.
- Reflector is made of aluminium coated PC (120 degrees of Celcius / 248 degrees of Fahrenheit) with protective lacquer (short term 100 degrees of Celcius / 212 degrees of Fahrenheit).
- 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](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.**