

**Product number C10971_GT4-S**

Family Gt4
 Type Lens array
 LED LUXEON Rebel
 Color Clear
 Diameter 35 mm
 Height 9 mm
 Style Round
 Optic Material PMMA
 Holder Material -
 Fastening ["pin", "glue"]
 Status Production ready

FWHM 16 degrees
 Efficiency 94 %
 cd/lm 5.220
 Gerber File Available

MR11 applications

Product number C10972_GT4-M

Family Gt4
 Type Lens array
 LED LUXEON Rebel
 Color Clear
 Diameter 35 mm
 Height 9 mm
 Style Round
 Optic Material PMMA
 Holder Material -
 Fastening ["glue", "pin"]
 Status Production ready

FWHM 26 degrees
 Efficiency 91 %
 cd/lm -
 Gerber File Available

MR11 applications

Product number C10973_GT4-W

Family Gt4
 Type Lens array
 LED LUXEON Rebel
 Color Clear
 Diameter 35 mm
 Height 9 mm
 Style Round
 Optic Material PMMA
 Holder Material -
 Fastening ["glue", "pin"]
 Status Production ready

FWHM 38 degrees
 Efficiency 92 %
 cd/lm -
 Gerber File Available

MR11 applications

Product number C10974_GT4-WW

Family Gt4
 Type Lens array
 LED LUXEON Rebel
 Color Clear
 Diameter 35 mm
 Height 9 mm
 Style Round
 Optic Material PMMA
 Holder Material -
 Fastening ["glue", "pin"]
 Status Production ready

FWHM 60 degrees
 Efficiency 93 %
 cd/lm 0.800
 Gerber File Available

MR11 applications



PRODUCT DATASHEET

Gt4 series

last update 26/6/2013

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.



PRODUCT DATASHEET

Gt4 series

last update 26/6/2013

GENERAL INFORMATION

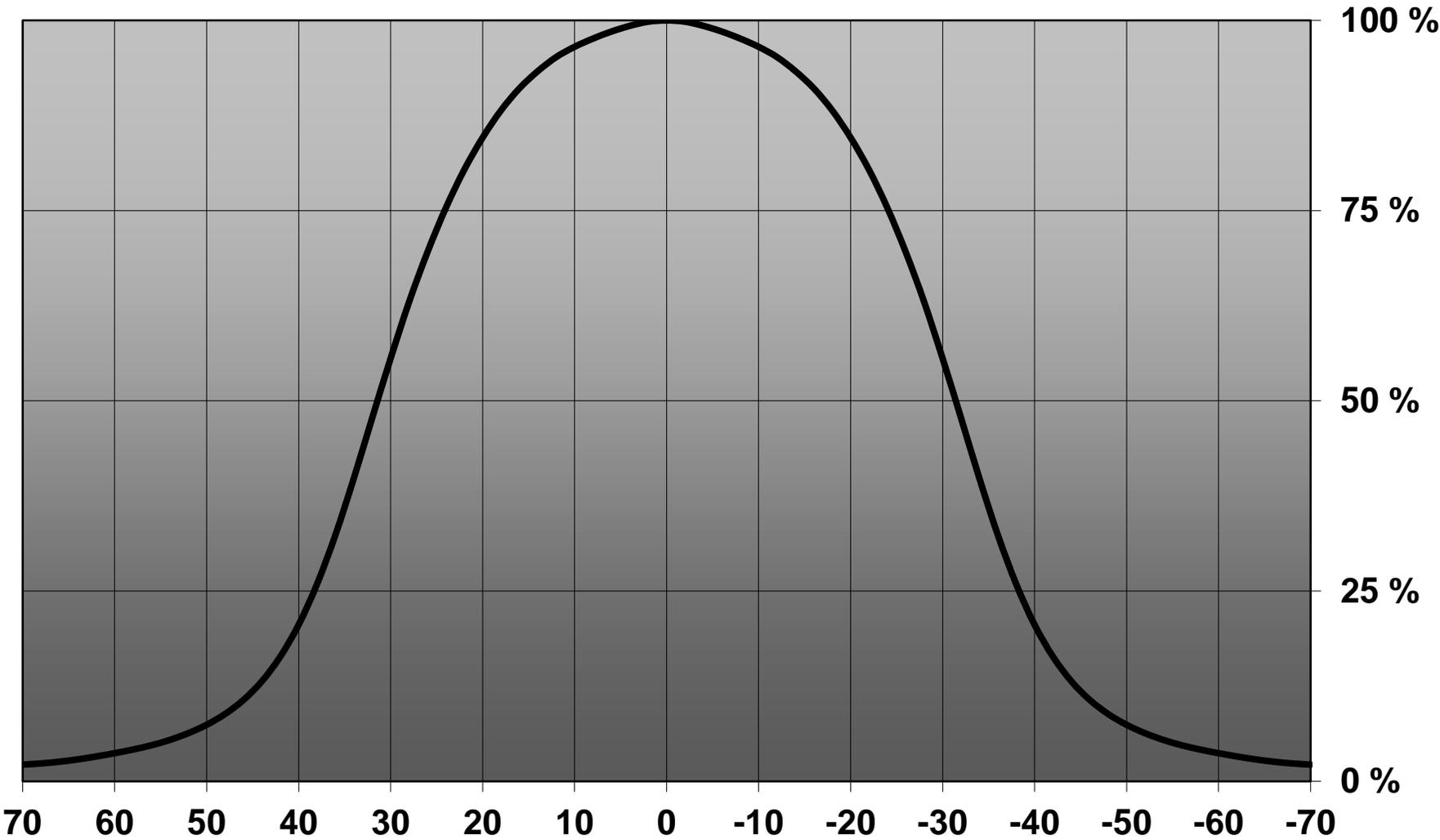
- Product series especially designed & optimized for LUXEON Rebel series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PMMA with high UV and temperature resistance. Allows use of high current and temperature conditions.

Please find more information about used material from below:

http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94_Yellow%20Card.pdf

<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20PLEXIGLAS-Datasheet.pdf>

Relative Intensity of C10974_GT4-NCS19-WW

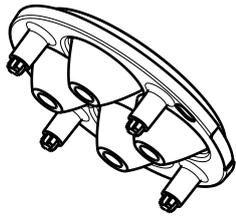


D

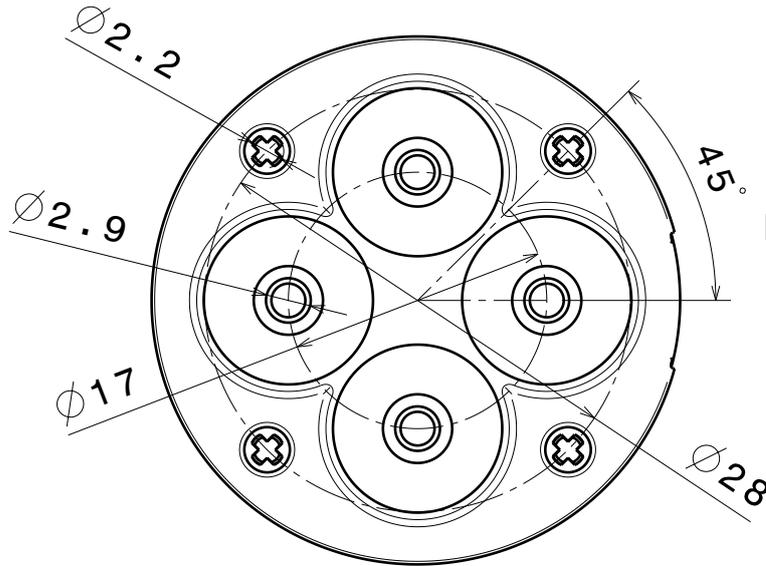
C

B

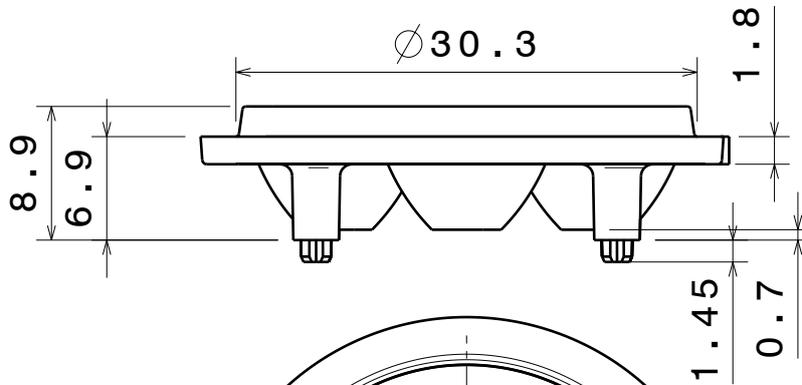
A



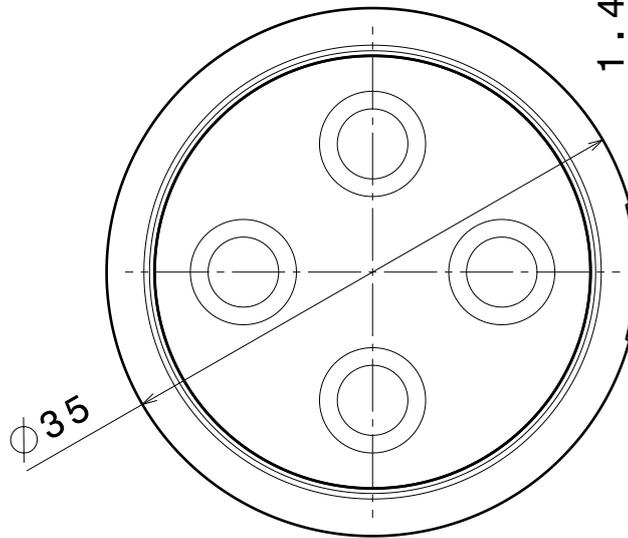
Isometric view
Scale: 1:1



Bottom view



Front view



Top view

Material: PMMA

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DRAWING TITLE

Datasheet GT4-RE series Lens

DRAWN BY

DATE

03.08.2009

CHECKED BY

DATE

03.08.2009

DESIGNED BY

DATE

23.07.2009

SIZE

A4

DRAWING NUMBER

C10971

REV

1

SCALE

2:1

WEIGHT (g)

SHEET

1/1

D

A

4

4

3

3

2

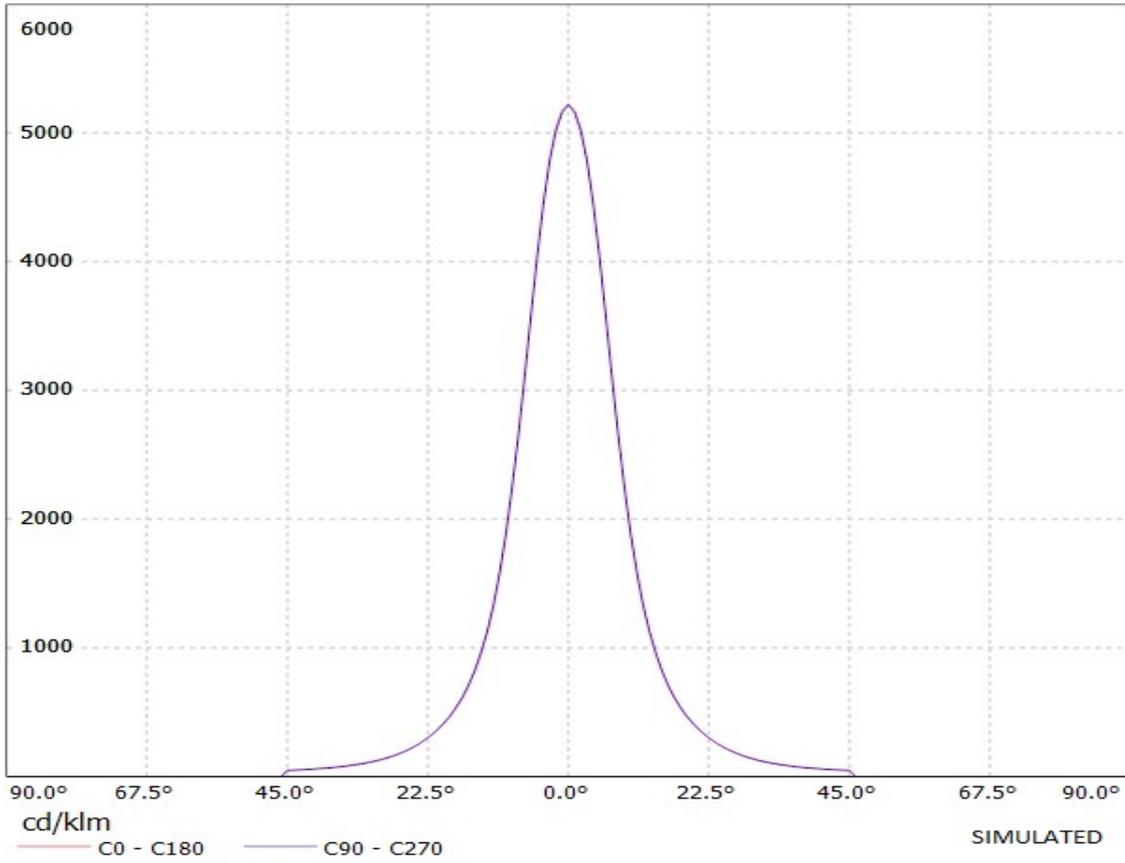
2

1

1

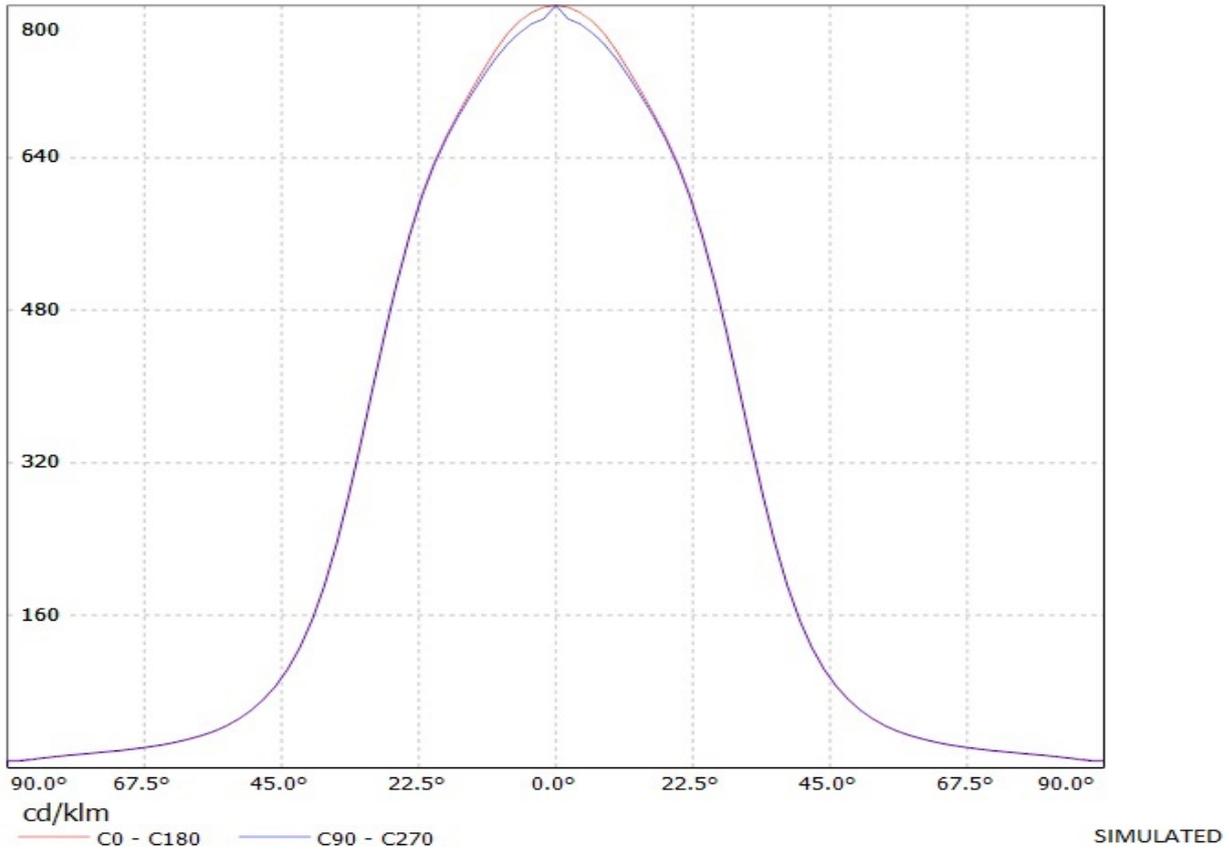
Ledil Oy C10971-GT4-RE-S C10971-GT4-RE-S / LDC (Linear)

Luminaire: Ledil Oy C10971-GT4-RE-S C10971-GT4-RE-S
Lamps: 1 x Luxeon Rebel x4



Ledil Oy C10974-GT4-RE-WW C10974-GT4-RE-WW / LDC (Linear)

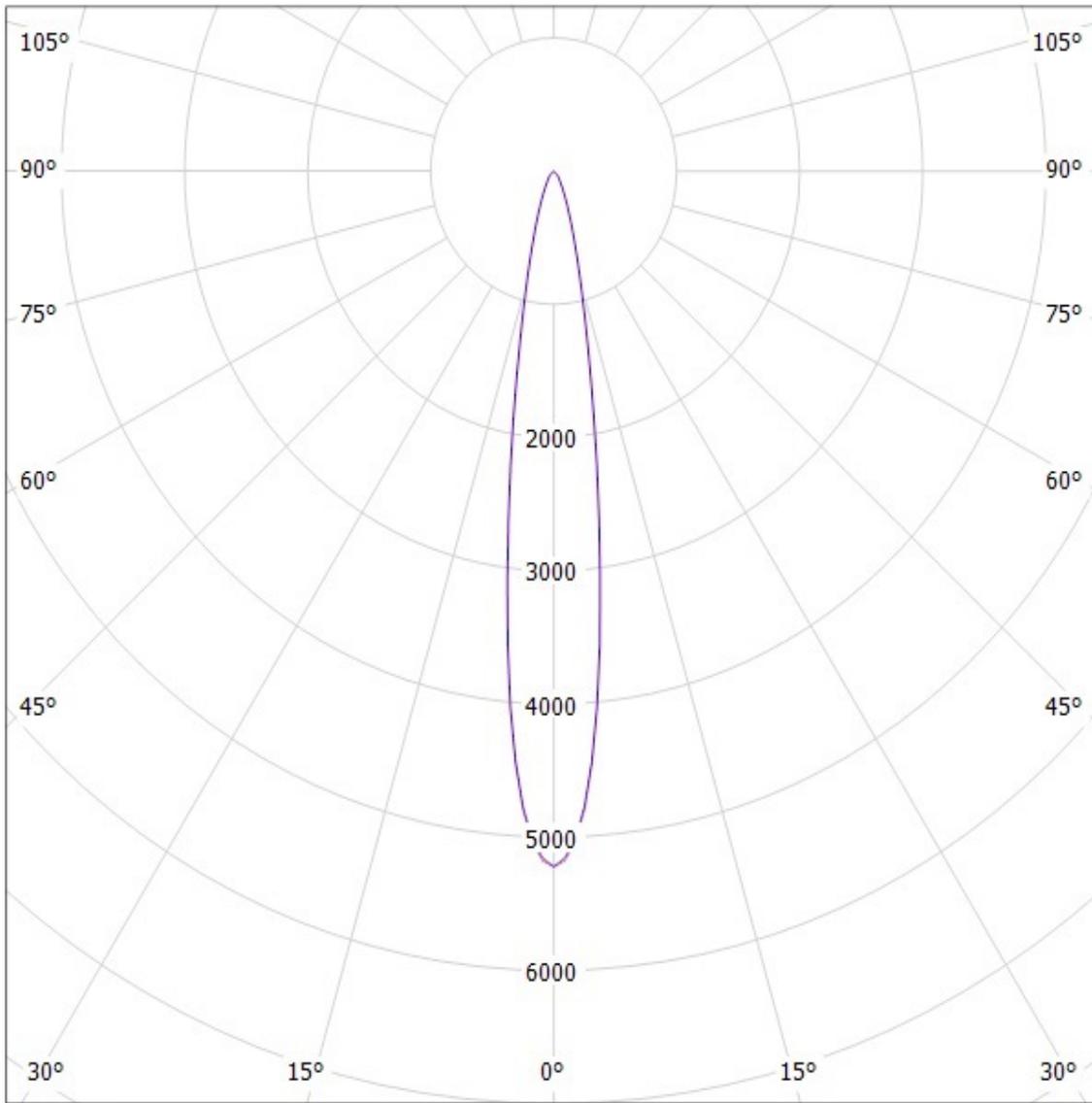
Luminaire: Ledil Oy C10974-GT4-RE-WW C10974-GT4-RE-WW
Lamps: 1 x Luxeon Rebel x4



Ledil Oy C10971-GT4-RE-S C10971-GT4-RE-S / LDC (Polar)

Luminaire: Ledil Oy C10971-GT4-RE-S C10971-GT4-RE-S

Lamps: 1 x Luxeon Rebel x4



cd/klm

— C0 - C180

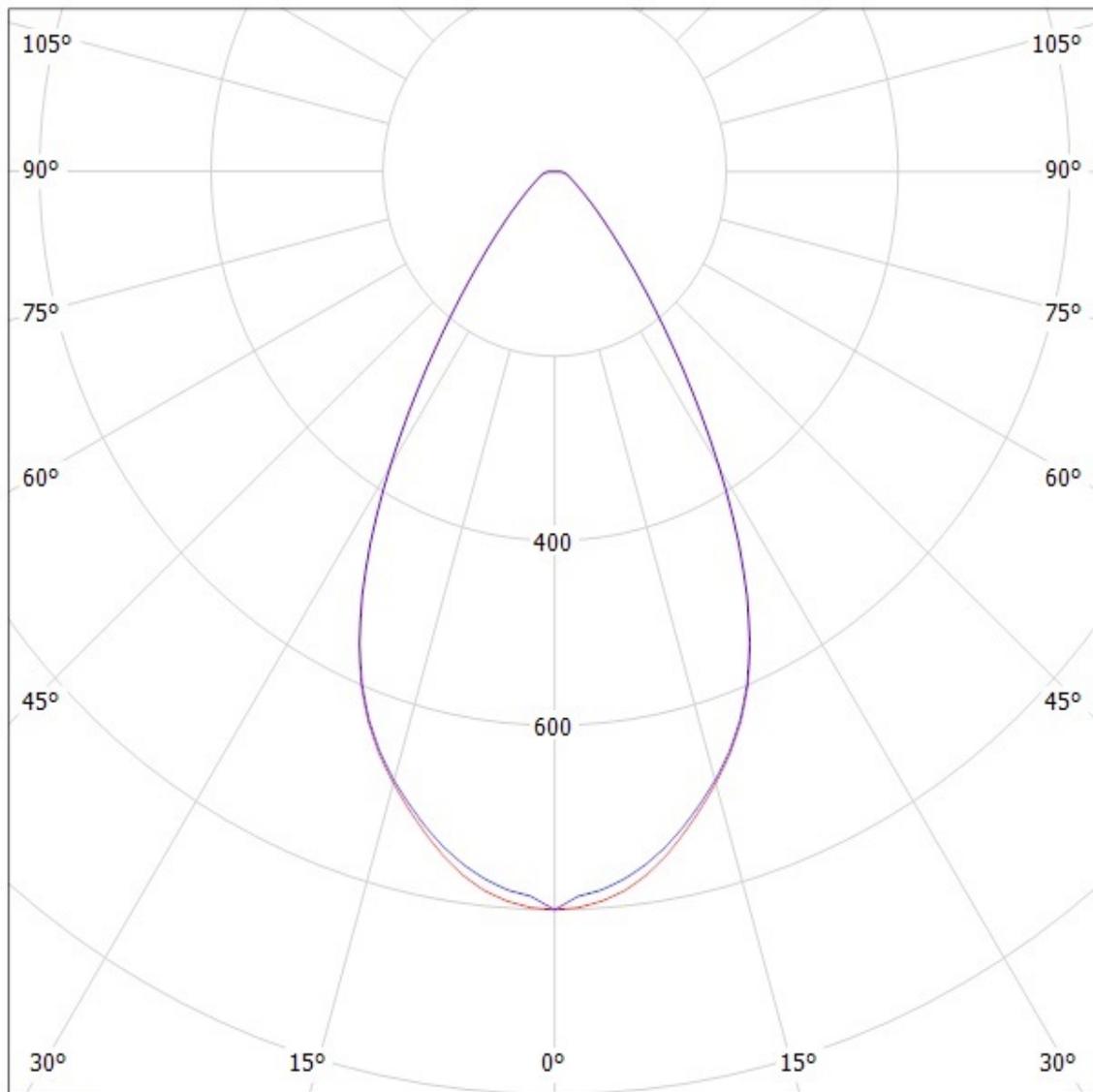
— C90 - C270

SIMULATED

Ledil Oy C10974-GT4-RE-WW C10974-GT4-RE-WW / LDC (Polar)

Luminaire: Ledil Oy C10974-GT4-RE-WW C10974-GT4-RE-WW

Lamps: 1 x Luxeon Rebel x4



cd/klm

— C0 - C180

— C90 - C270

SIMULATED