

**Product number C10921\_GT4-S**

Family	Gt4	FWHM	18 degrees
Type	Lens array	Efficiency	88 %
LED	XP-E	cd/lm	4.850
Color	Clear	Gerber File	Available
Diameter	35 mm		
Height	9 mm	MR11 applications	
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["pin", "glue"]		
Status	Production ready		

**Product number C10922\_GT4-M**

Family	Gt4	FWHM	27 degrees
Type	Lens array	Efficiency	86 %
LED	XP-E	cd/lm	2.530
Color	Clear	Gerber File	Available
Diameter	35 mm		
Height	9 mm	MR11 applications	
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["pin", "glue"]		
Status	Production ready		

**Product number C10923\_GT4-W**

Family	Gt4	FWHM	37 degrees
Type	Lens array	Efficiency	87 %
LED	XP-E	cd/lm	1.670
Color	Clear	Gerber File	Available
Diameter	35 mm		
Height	9 mm	MR11 applications	
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["pin", "glue"]		
Status	Production ready		

**Product number C10975\_GT4-WW**

Family	Gt4	FWHM	56 degrees
Type	Lens array	Efficiency	91 %
LED	XP-E	cd/lm	1.010
Color	Clear	Gerber File	Available
Diameter	35 mm		
Height	9 mm	MR11 applications	
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["pin", "glue"]		
Status	Production ready		



## PRODUCT DATASHEET

### Gt4 series

last update 26/3/2012

**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 26/3/2012

#### GENERAL INFORMATION

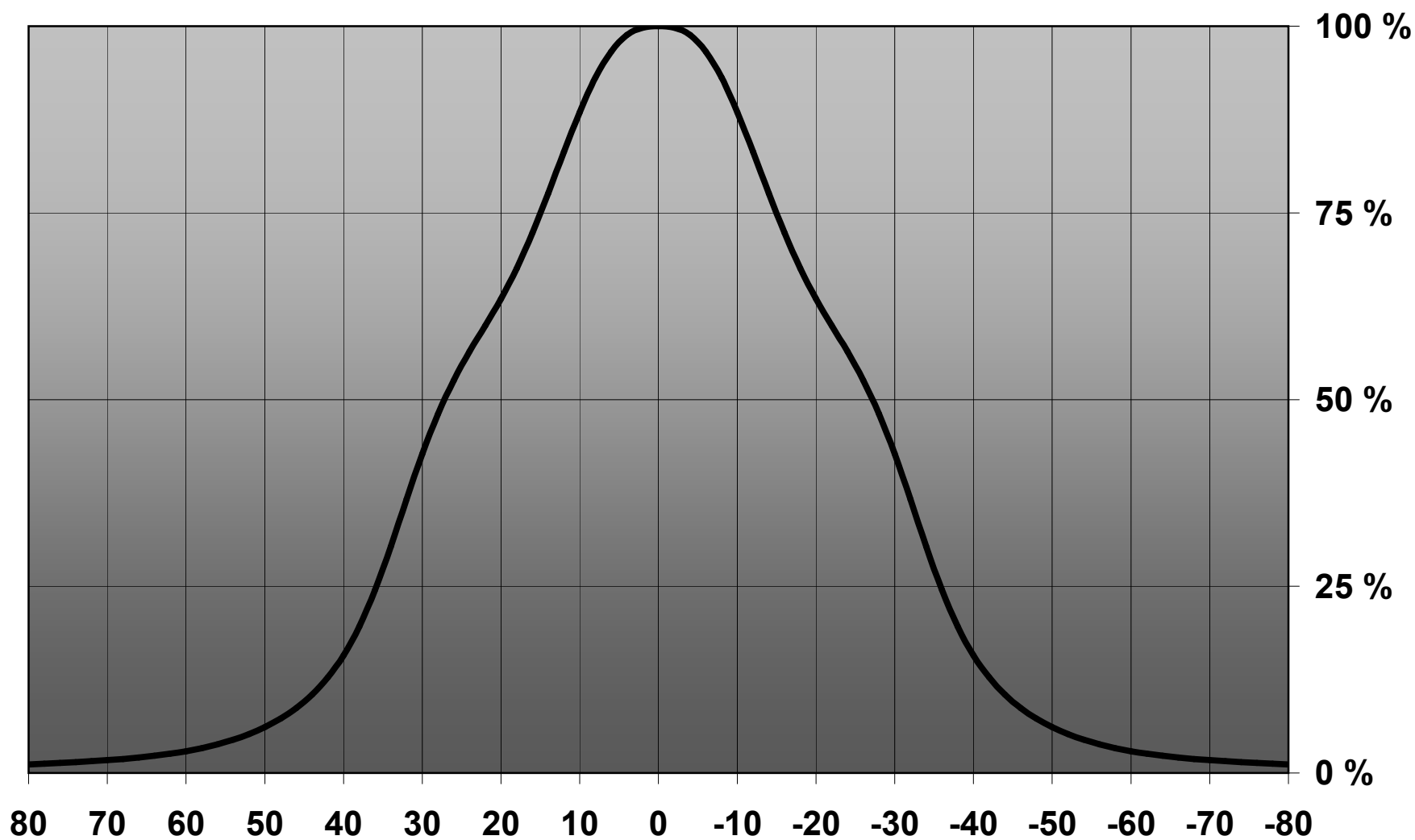
- Product series especially designed & optimized for XP-E series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PMMA with high UV and temperature resistance. Allows use of high current and temperature conditions.

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%20UL94_Yellow%20Card.pdf)

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

### Relative Intensity of C10975\_GT4-XP-WW

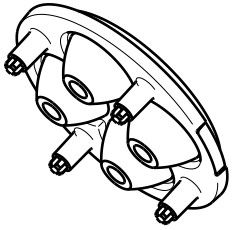


D

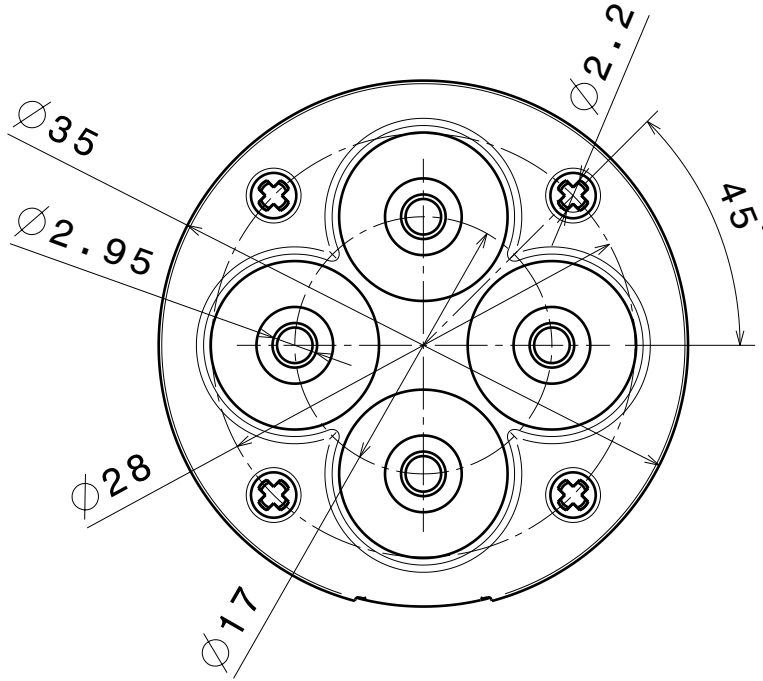
C

B

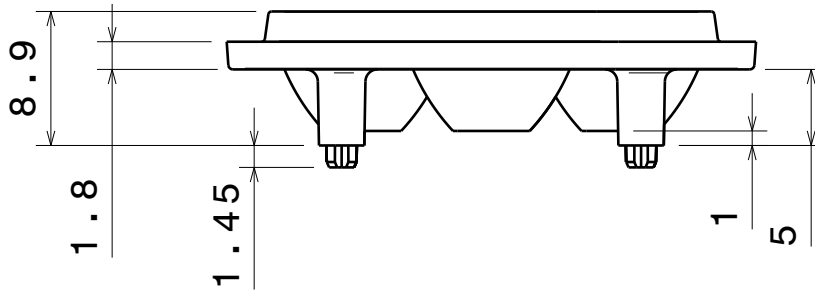
A



Isometric view  
Scale: 1:1



Bottom view



Front view

Material: PMMA

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L  
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F

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i  
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n

d

DRAWING TITLE

Datasheet GT4-XP series Lens

DRAWN BY

DATE

p

30.12.2009

CHECKED BY

DATE

s

n

23.12.2009

DESIGNED BY

DATE

hh

23.07.2009

SIZE

A4

DRAWING NUMBER

C10921

REV

1

SCALE

2:1

WEIGHT (g)

SHEET

1/1

D

A

4

4

3

3

2

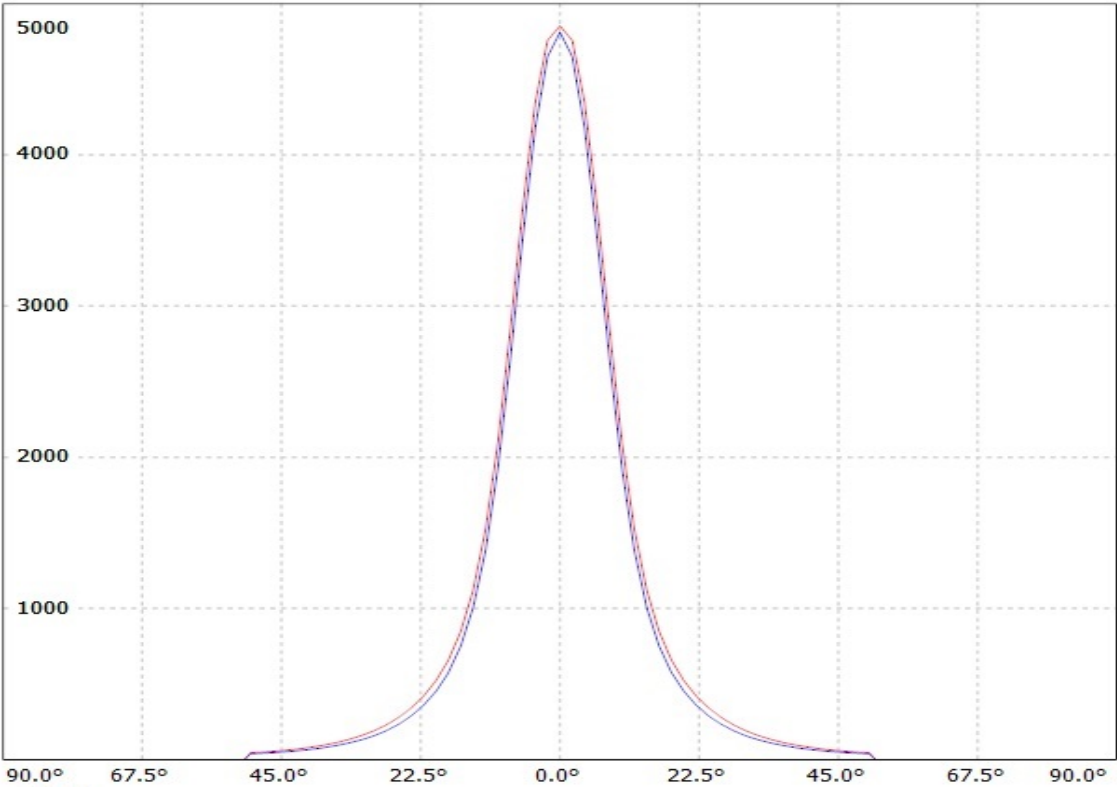
2

1

1

Ledil Oy C10921\_GT4-XP-S C10921\_GT4-XP-S / LDC (Linear)

Luminaire: Ledil Oy C10921\_GT4-XP-S C10921\_GT4-XP-S  
Lamps: 4 x Cree XP-E (White)



cd/klm

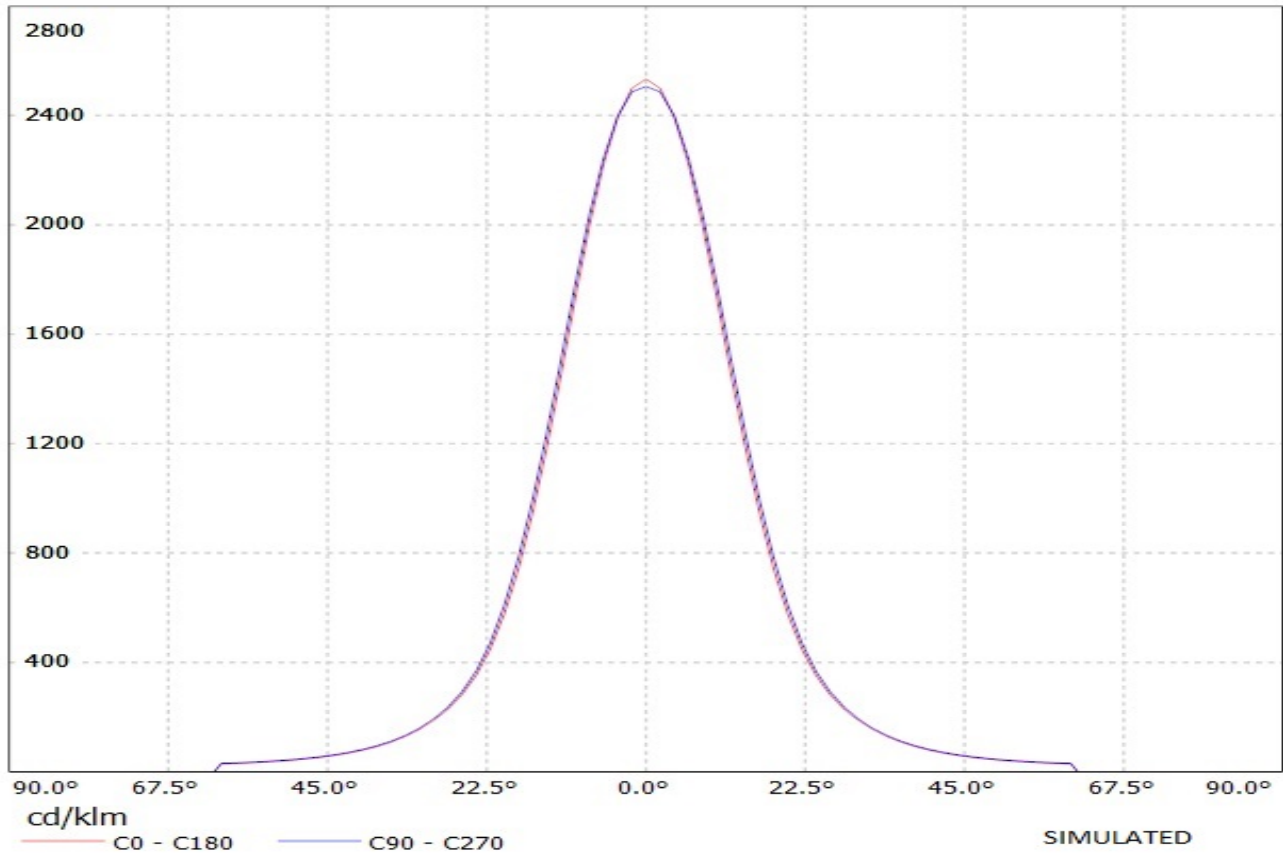
C0 - C180

C90 - C270

SIMULATED

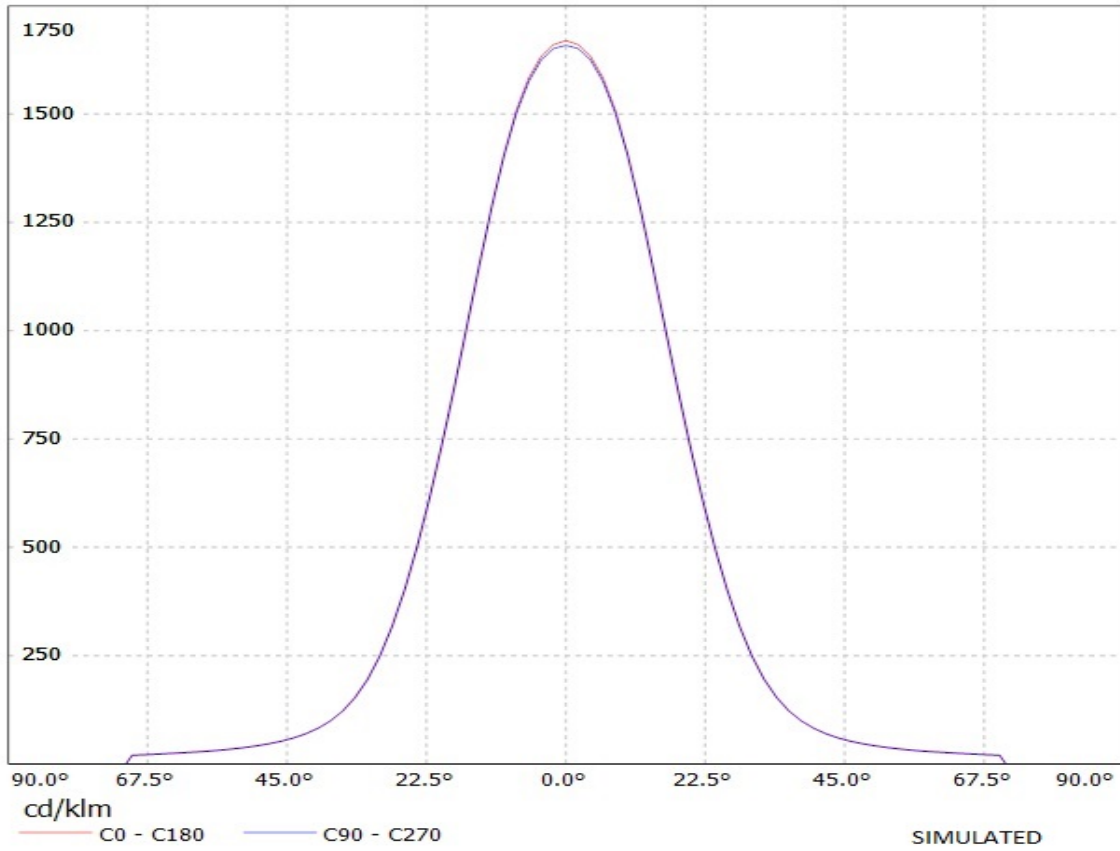
Ledil Oy C10922\_GT4-XP-M C10922\_GT4-XP-M / LD

Luminaire: Ledil Oy C10922\_GT4-XP-M C10922\_GT4-XP-M  
Lamps: 4 x Cree XP-E (White)



**Ledil Oy C10923\_GT4-XP-W C10923\_GT4-XP-W / LDC (Linear)**

Luminaire: Ledil Oy C10923\_GT4-XP-W C10923\_GT4-XP-W  
Lamps: 4 x Cree XP-E (White)

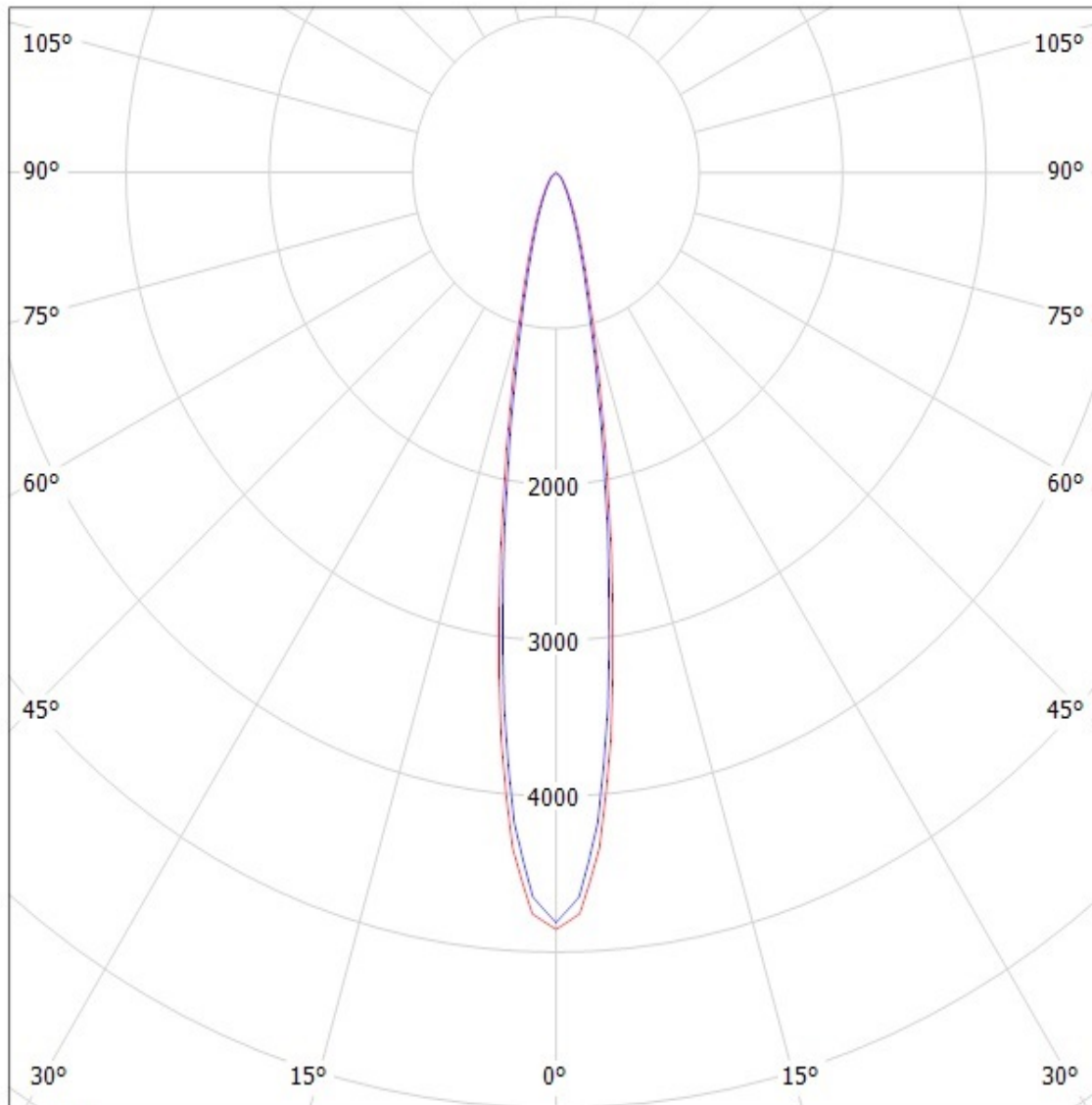




# Ledil Oy C10921\_GT4-XP-S C10921\_GT4-XP-S / LDC (Polar)

Luminaire: Ledil Oy C10921\_GT4-XP-S C10921\_GT4-XP-S

Lamps: 4 x Cree XP-E (White)



cd/klm

— C0 - C180

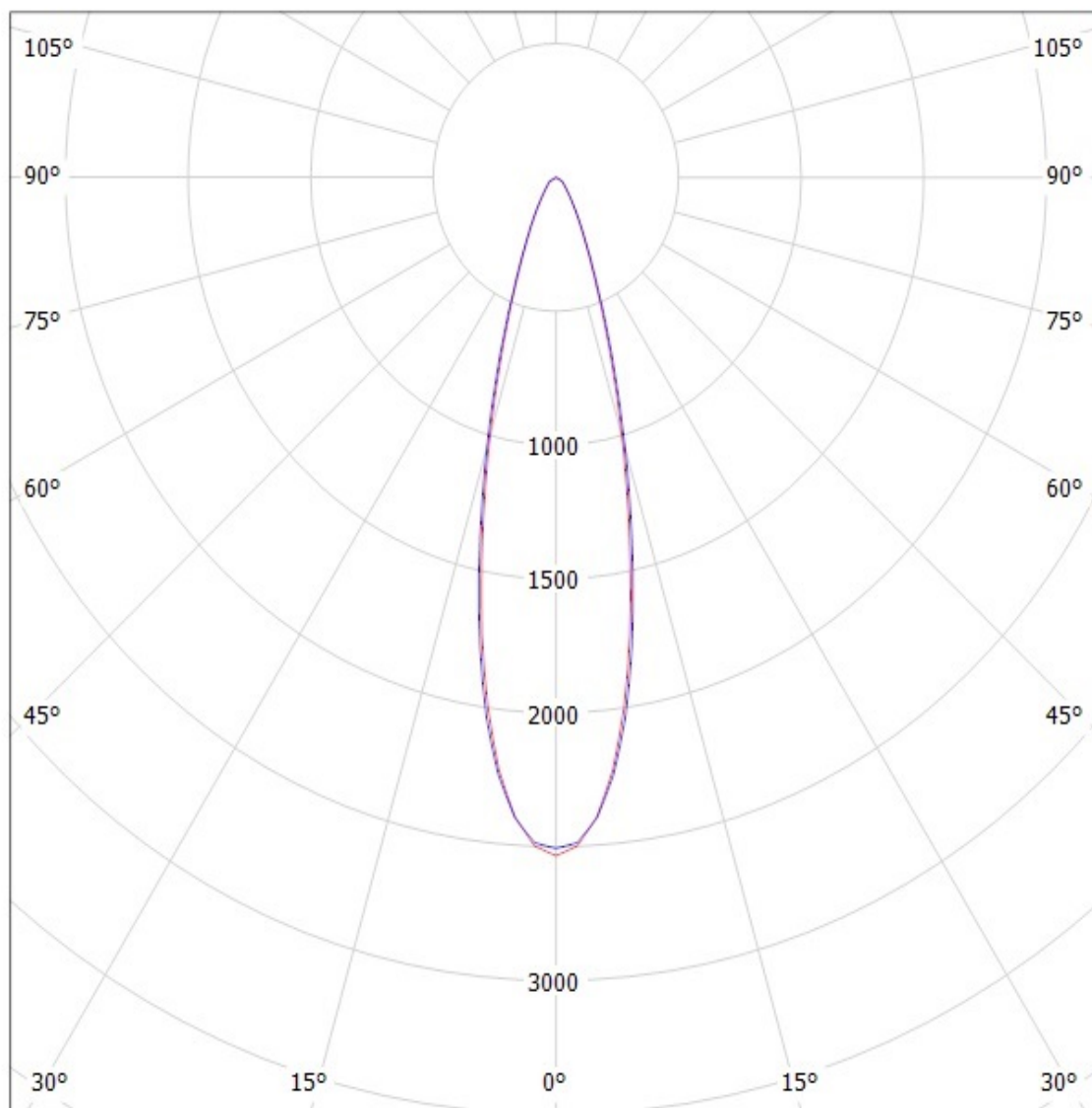
— C90 - C270

SIMULATED

# Ledil Oy C10922\_GT4-XP-M C10922\_GT4-XP-M / LDC (Polar)

Luminaire: Ledil Oy C10922\_GT4-XP-M C10922\_GT4-XP-M

Lamps: 4 x Cree XP-E (White)



cd/klm

— C0 - C180

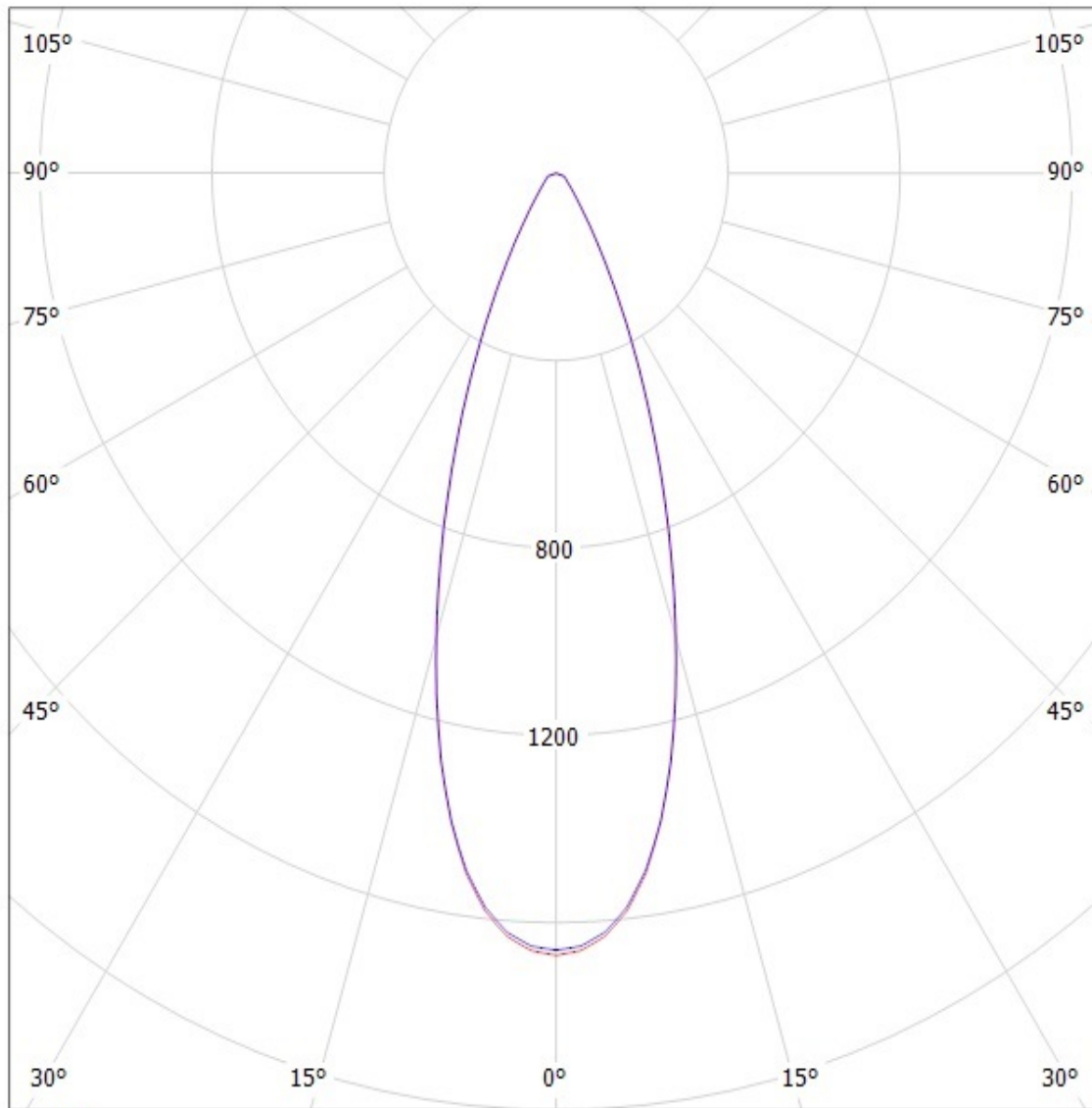
— C90 - C270

SIMULATED

# Ledil Oy C10923\_GT4-XP-W C10923\_GT4-XP-W / LDC (Polar)

Luminaire: Ledil Oy C10923\_GT4-XP-W C10923\_GT4-XP-W

Lamps: 4 x Cree XP-E (White)



cd/klm

— C0 - C180 — C90 - C270

SIMULATED