

**Product number CA10592\_NIS036-2-M**

Family	Rose	FWHM	(simulated) 14
Type	Assembly	Efficiency	-
LED	NJSx036	cd/lm	-
Color	White	Gerber File	Available
Diameter	21.6 + 21.6 mm		
Height	13 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number CA10593\_NIS036-2-D**

Family	Rose	FWHM	(simulated) 8
Type	Assembly	Efficiency	-
LED	NJSx036	cd/lm	-
Color	White	Gerber File	Available
Diameter	21.6 + 21.6 mm		
Height	13 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number CA10594\_NIS036-2-SS**

Family	Rose	FWHM	(simulated) 7
Type	Assembly	Efficiency	-
LED	NJSx036	cd/lm	-
Color	White	Gerber File	Available
Diameter	21.6 + 21.6 mm		
Height	13 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number CA10595\_NIS036-2-RS**

Family	Rose	FWHM	(simulated) 4
Type	Assembly	Efficiency	-
LED	NJSx036	cd/lm	-
Color	White	Gerber File	Available
Diameter	21.6 + 21.6 mm		
Height	13 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number CA10596\_NIS036-2-O**

Family	Rose	FWHM	(simulated) 13+36
Type	Assembly	Efficiency	-
LED	NJSx036	cd/lm	-
Color	White	Gerber File	Available
Diameter	21.6 + 21.6 mm		
Height	13 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number CA10624\_NIS036-2-W**

Family	Rose	FWHM	(simulated) 28
Type	Assembly	Efficiency	-
LED	NJSx036	cd/lm	-
Color	White	Gerber File	Available
Diameter	21.6 + 21.6 mm		
Height	13 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number FCA10934\_NIS036-RS**

Family	Rose	FWHM	8 degrees
Type	Assembly	Efficiency	-
LED	NJSx036	cd/lm	-
Color	White	Gerber File	Available
Diameter	21.6 + 21.6 mm		
Height	13 mm		
Style	Square		
Optic Material	PC		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number FCA10938\_NIS036-O**

Family	Rose	FWHM	10+50 degrees
Type	Assembly	Efficiency	-
LED	NJSx036	cd/lm	-
Color	White	Gerber File	Available
Diameter	21.6 + 21.6 mm		
Height	13 mm		
Style	Square		
Optic Material	PC		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number FCA11160\_NIS036-O-90**

Family	Rose	FWHM	10+50 degrees
Type	Assembly	Efficiency	-
LED	NJSx036	cd/lm	-
Color	White	Gerber File	Available
Diameter	21.6 + 21.6 mm		
Height	13 mm		
Style	Square		
Optic Material	PC		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number FCA10935\_NIS036-SS**

Family	Rose	FWHM	14 degrees
Type	Assembly	Efficiency	-
LED	NJSx036	cd/lm	-
Color	White	Gerber File	Available
Diameter	21.6 + 21.6 mm		
Height	13 mm		
Style	Square		
Optic Material	PC		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number FCA10936\_NIS036-D**

Family	Rose	FWHM	16 degrees
Type	Assembly	Efficiency	-
LED	NJSx036	cd/lm	-
Color	White	Gerber File	Available
Diameter	21.6 + 21.6 mm		
Height	13 mm		
Style	Square		
Optic Material	PC		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number FCA10937\_NIS036-M**

Family	Rose	FWHM	28 degrees
Type	Assembly	Efficiency	-
LED	NJSx036	cd/lm	-
Color	White	Gerber File	Available
Diameter	21.6 + 21.6 mm		
Height	13 mm		
Style	Square		
Optic Material	PC		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**PRODUCT DATASHEET**  
**Rose series**

last update 30/1/2013

**Product number** FCA10939\_NIS036-W

Family	Rose	FWHM	58 degrees
Type	Assembly	Efficiency	-
LED	NJSx036	cd/lm	-
Color	White	Gerber File	Available
Diameter	21.6 + 21.6 mm		
Height	13 mm		
Style	Square		
Optic Material	PC		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**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

### Rose series

last update 30/1/2013

#### GENERAL INFORMATION

- Product series especially designed & optimized for NJSx036 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>

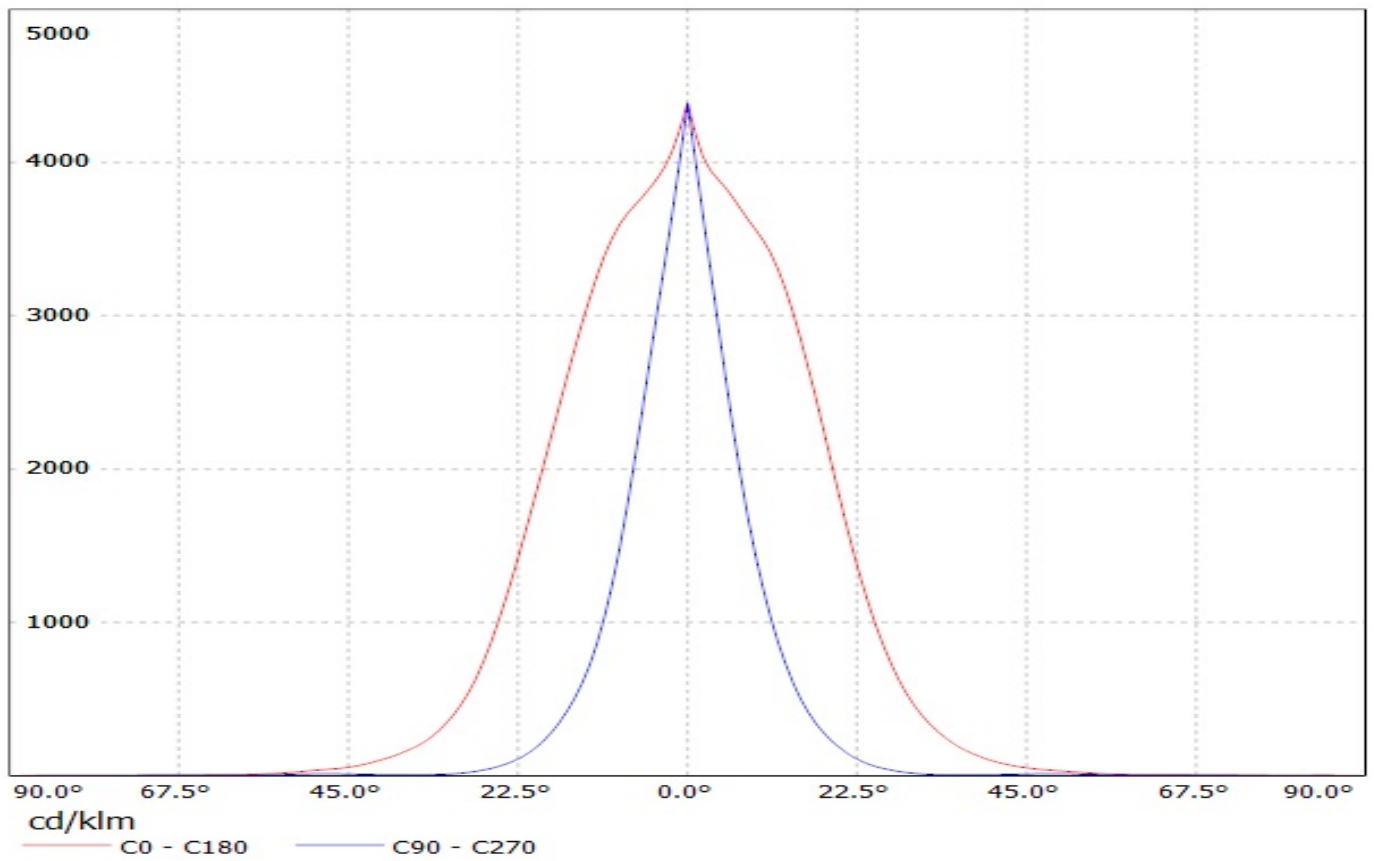
- Lens material optical grade PC with high UV and temperature resistance (120 degrees of Celcius / 248 degrees of Fahrenheit). Allows use of high current and temperature conditions.

Please find more information about used materials from below:

[http://ledil.fi/sites/default/files/Documents/Technical/Material/PC%20Makrolon%202400\\_2407\\_2456\\_2458-UL.pdf](http://ledil.fi/sites/default/files/Documents/Technical/Material/PC%20Makrolon%202400_2407_2456_2458-UL.pdf)

# Ledil Oy CA10596\_NIS036-2-O-NJSx036\_SIMULATED / LDC (Linear)

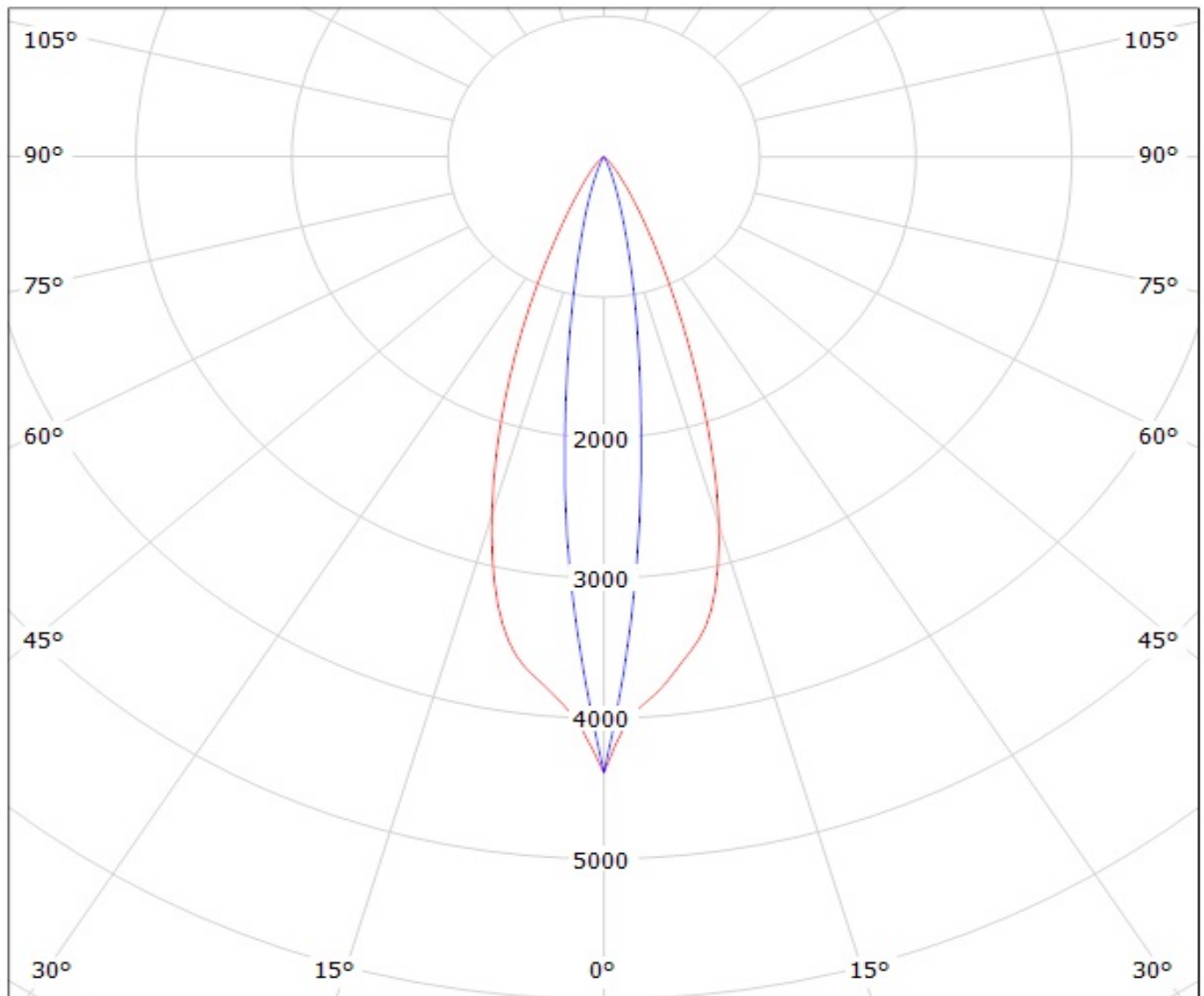
Luminaire: Ledil Oy CA10596\_NIS036-2-O-NJSx036\_SIMULATED  
Lamps: 1 x NJSx036 100lm



# Ledil Oy CA10596\_NIS036-2-O-NJSx036\_SIMULATED / LDC (Polar)

Luminaire: Ledil Oy CA10596\_NIS036-2-O-NJSx036\_SIMULATED

Lamps: 1 x NJSx036 100lm



cd/klm

— C0 - C180

— C90 - C270