

**Product number CA10592_NIS036-2-M**

Family	Rose	FWHM	(simulated) 14
Type	Assembly	Efficiency	-
LED	NJSx036	cd/Im	-
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/Im	-
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/Im	-
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/Im	-
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/Im	-
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/Im	-
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/Im	-
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/Im	-
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/Im	-
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/Im	-
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/Im	-
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/Im	-
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** 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:

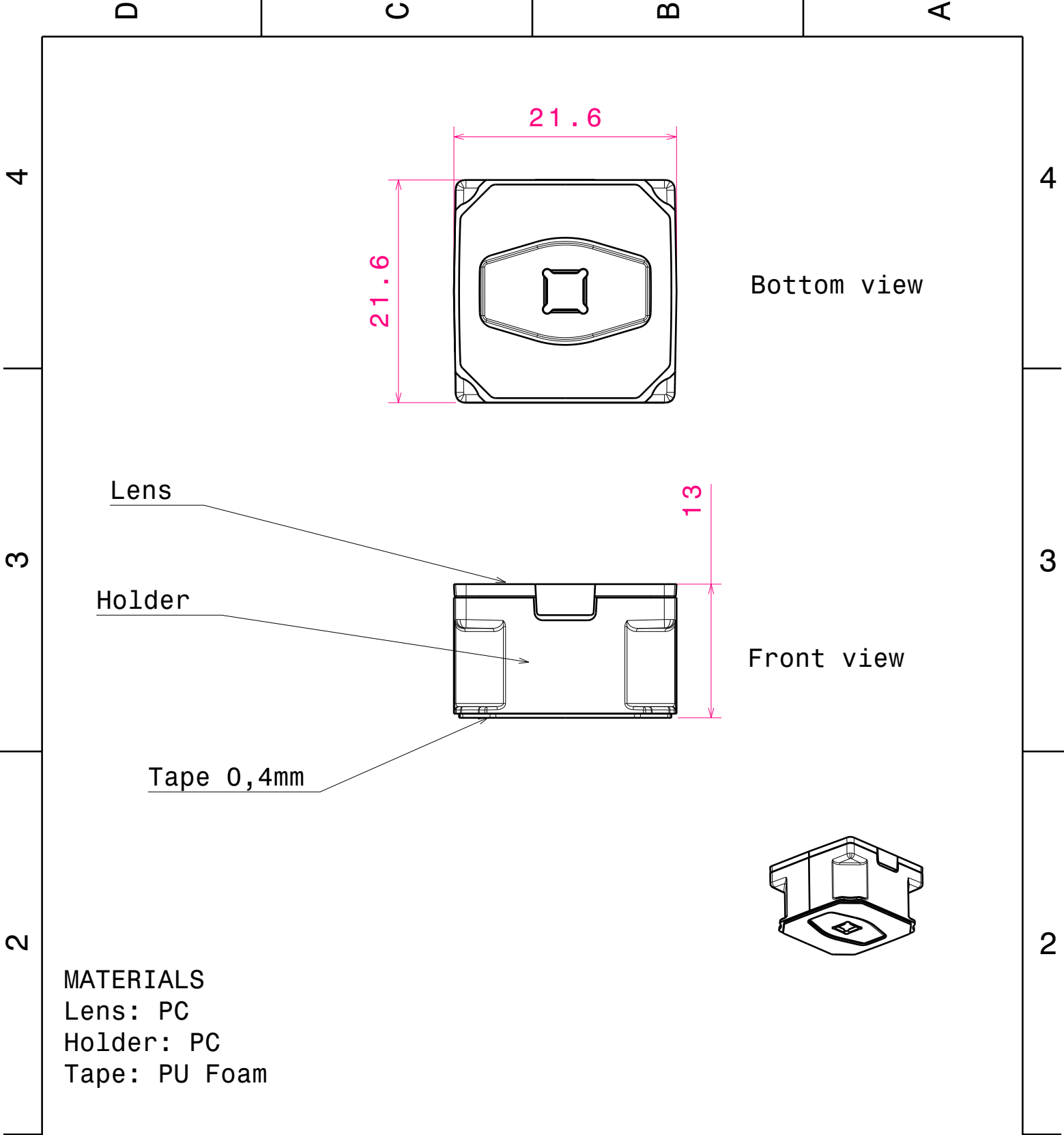
http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94_Yellow%20Card.pdf

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



MATERIALS
Lens: PC
Holder: PC
Tape: PU Foam

This drawing is our property.
It can't be reproduced
or communicated without
our written agreement.



L
T
F
F

e
e
l
i
n

N

d

DRAWING TITLE

Datasheet NIS036 series assy

DRAWN BY
p

DATE
13.05.2009

CHECKED BY
t k

DATE
28.04.2009

DESIGNED BY
HH

DATE
29.05.2007

SIZE
A4

DRAWING NUMBER

REV
1

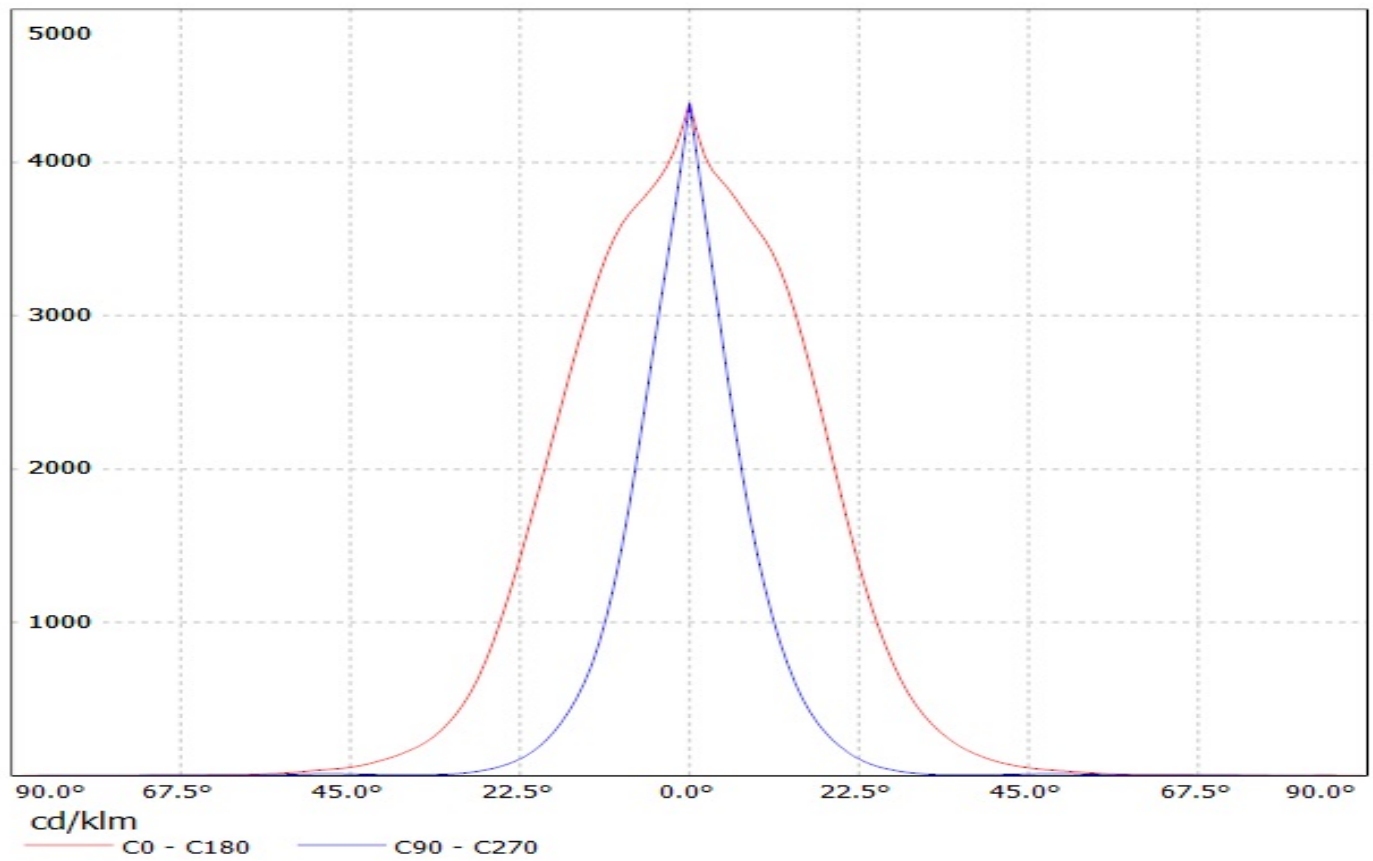
SCALE 2:1

WEIGHT (g) -

SHEET 1 / 1

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

