

LN3-RS

~9.6° spot beam optimized for Nichia NCSxx19A.
14.3 mm high assembly.

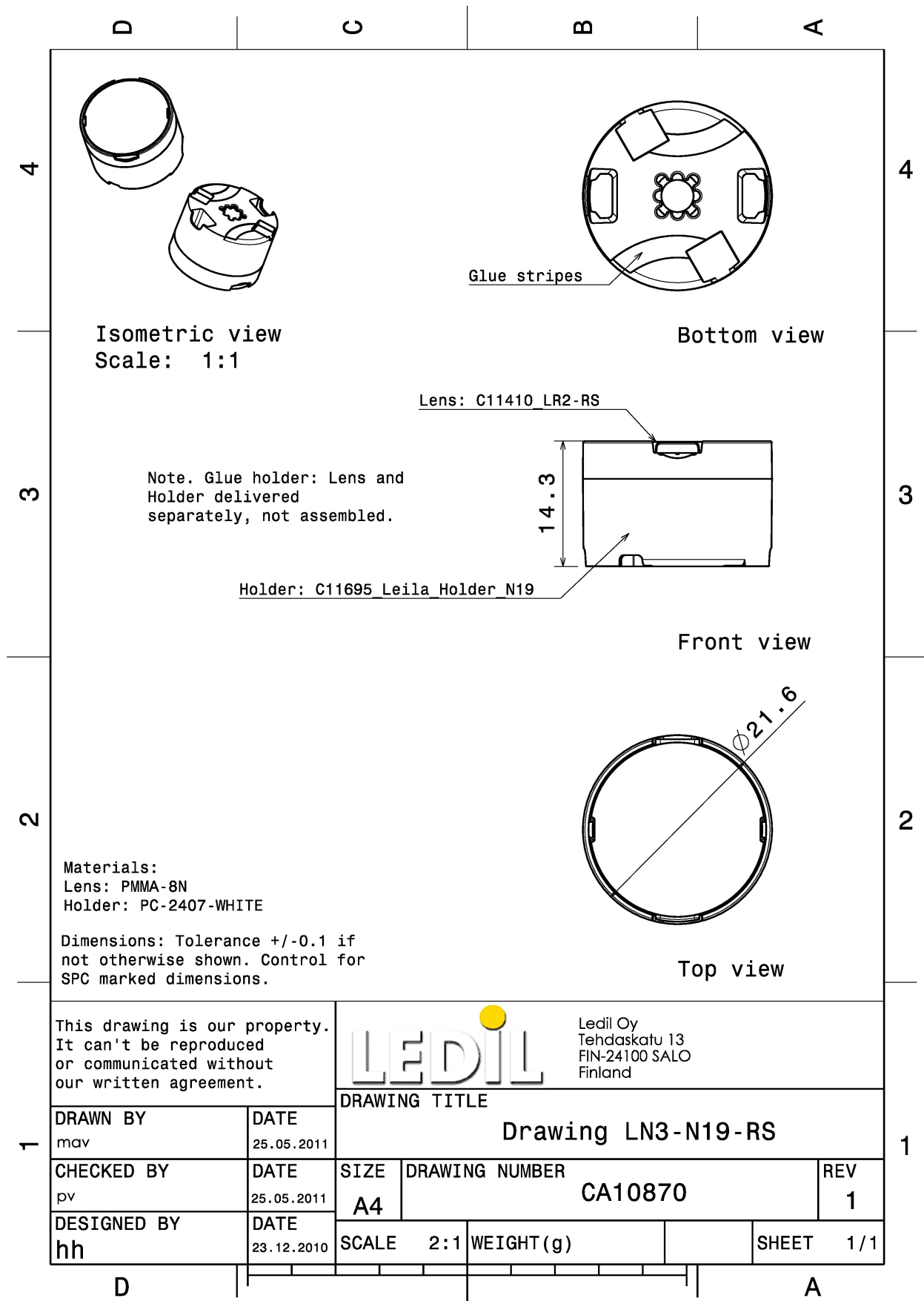
TECHNICAL SPECIFICATIONS:

| | |
|-----------------|--------------------|
| Dimensions | Ø 21.6 mm |
| Height | 14.3 mm |
| Fastening | glue |
| Colour | white |
| Box size | 480 x 280 x 300 mm |
| Box weight | 9 kg |
| Quantity in Box | 1680 pcs |
| ROHS compliant | yes ⓘ |



MATERIAL SPECIFICATIONS:

| Component | Type | Material | Colour |
|-------------|-------------|----------|--------|
| LXP2-RS | Single lens | PMMA | |
| LN3-LH1-WHT | Holder | PC | white |



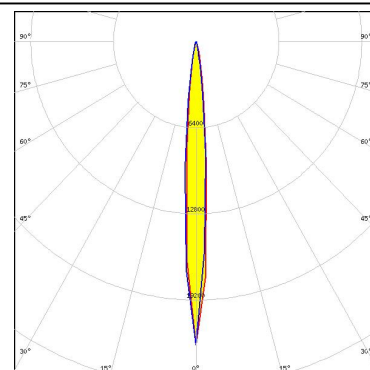
PHOTOMETRIC DATA (MEASURED):



LED NCSxx19A
FWHM 8.0°
Efficiency 93 %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:



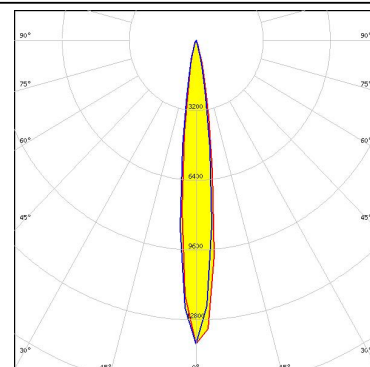
LED NCSxx19B
FWHM 9.0°
Efficiency 90 %
Peak intensity 23.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSxx19A
FWHM 8.0°
Efficiency 93 %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSxx19B/NVSxx19C
FWHM 14.0°
Efficiency 94 %
Peak intensity 13.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

| | |
|----------------------|----------------------------|
| LED | OSLON Square CSSRM2/CSSRM3 |
| FWHM | 10.0° |
| Efficiency | 96 % |
| Peak intensity | 20.643 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |

GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

MATERIALS:

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