

## LN3-RS

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

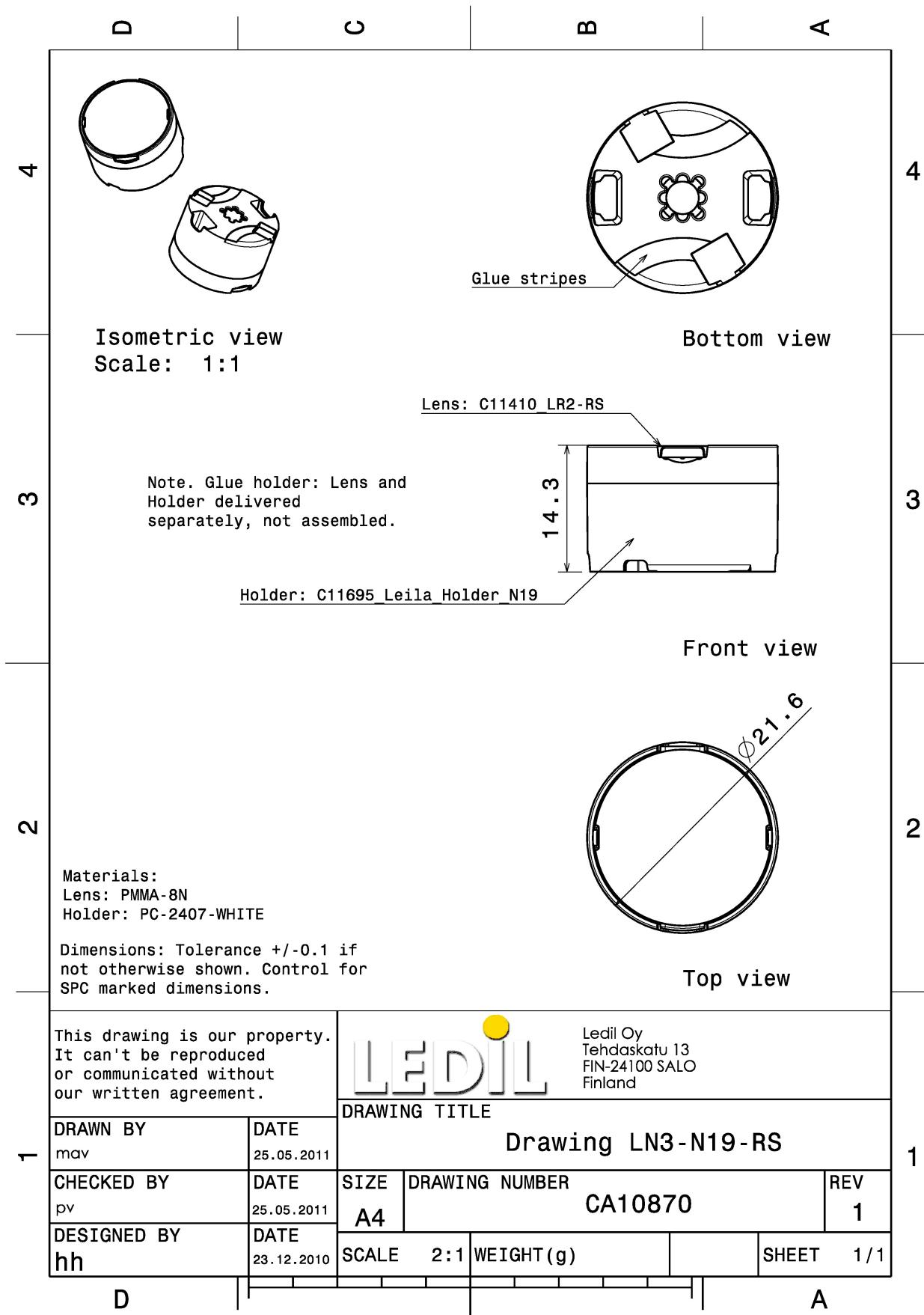


### TECHNICAL SPECIFICATIONS:

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:

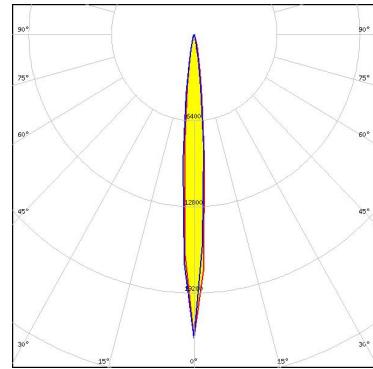
Component	Type	Material	Colour
LXP2-RS	Single lens	PMMA	
LN3-LH1-WHT	Holder	PC	white



### 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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