

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
ROHS compliant	yes ⓘ

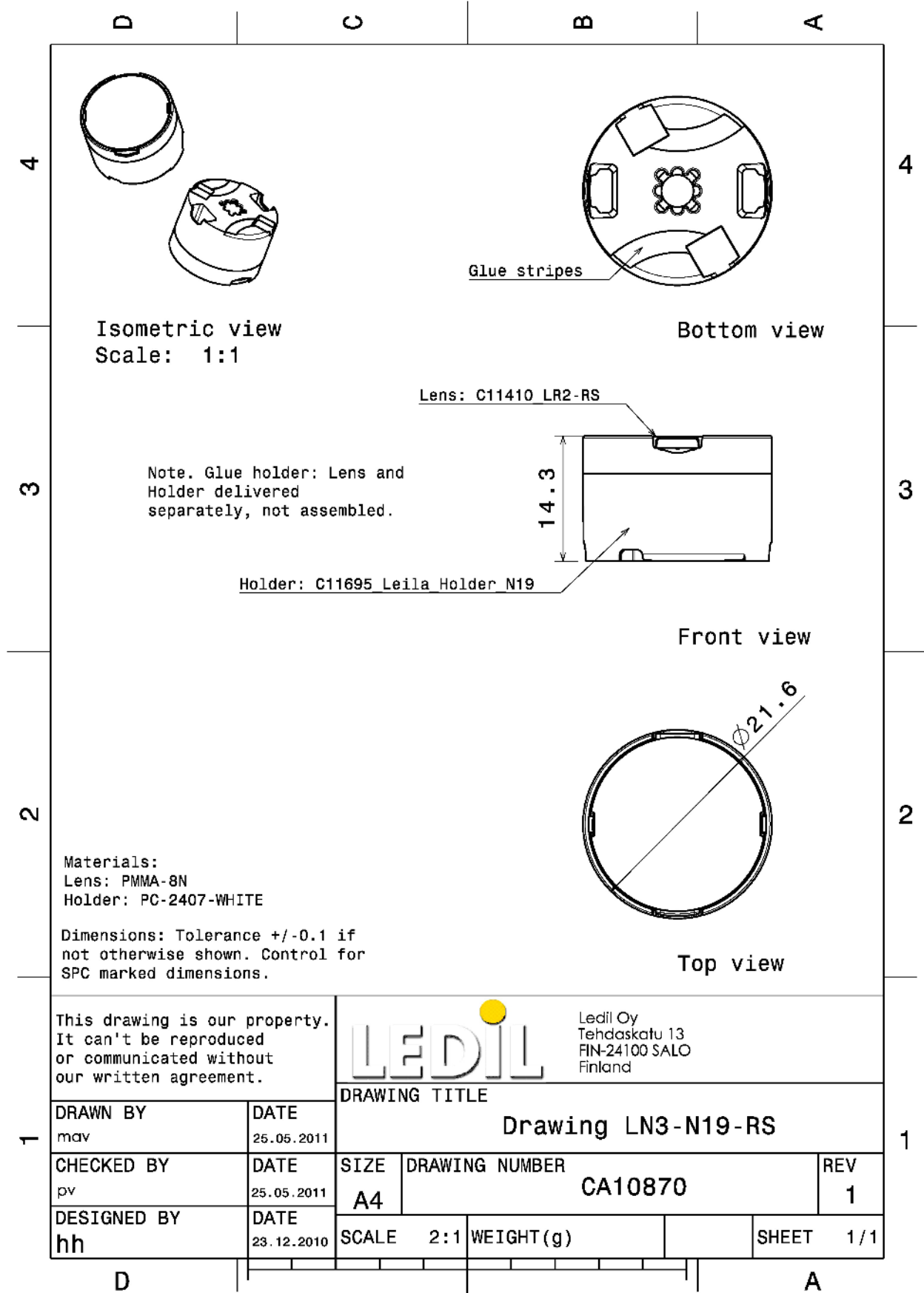
MATERIAL SPECIFICATIONS:

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



ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP10870_LN3-RS	Single lens	1680	336	112	9.0
» Box size: 480 x 280 x 300 mm					



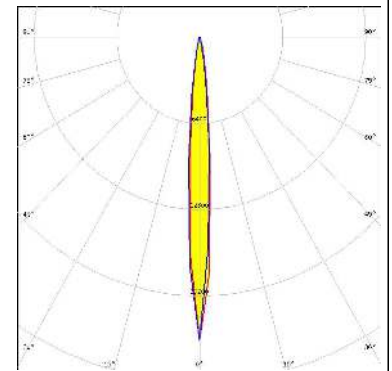
PHOTOMETRIC DATA (MEASURED):



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



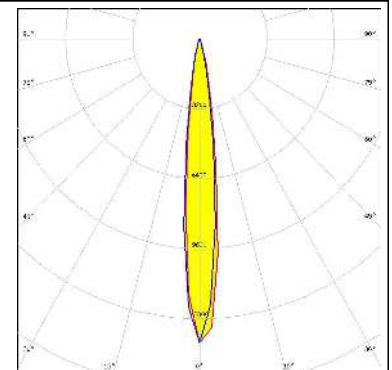
LED NCSxx19B
FWHM 9.0°
Efficiency 90 %
Peak intensity 23.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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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