

## LN3-M

~25° medium 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 ⓘ

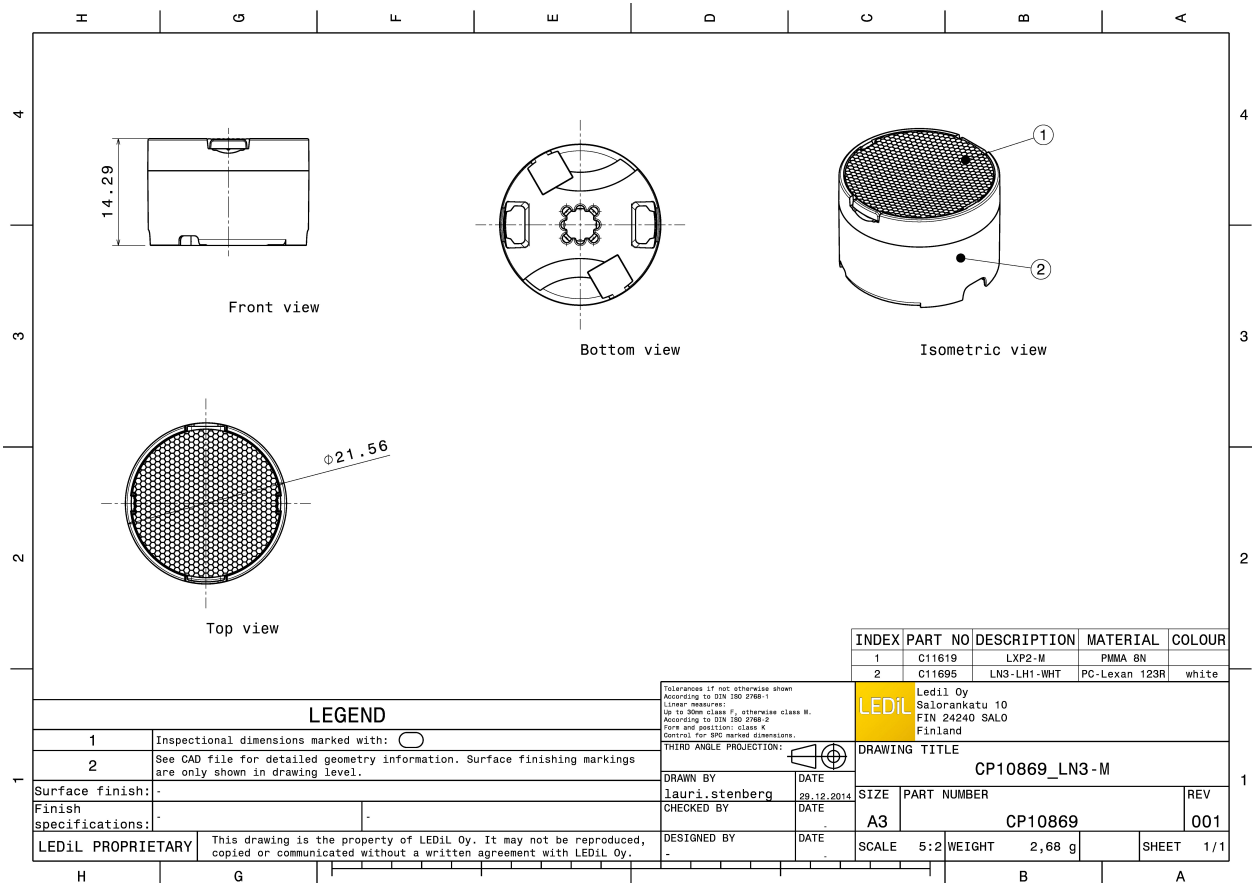
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LXP2-M	Single lens	PMMA	clear	
LN3-LH1-WHT	Holder	PC	white	

### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP10869_LN3-M	Single lens	1680	336	112	9.0
» Box size: 480 x 280 x 300 mm					

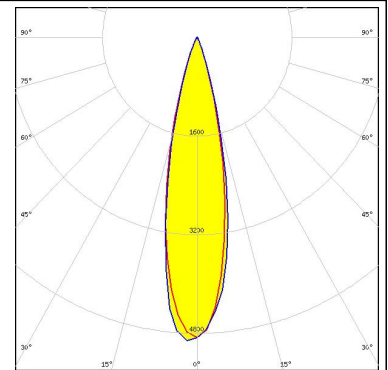
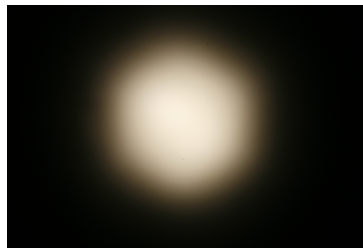




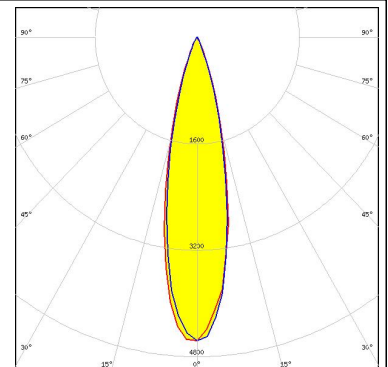
## PHOTOMETRIC DATA (MEASURED):



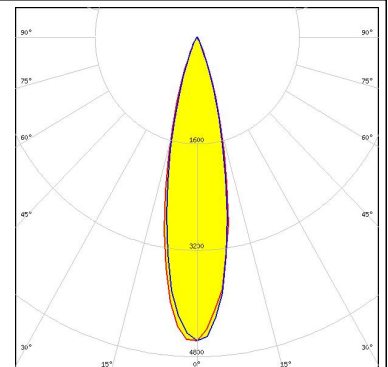
LED NCSxx19B  
FWHM 24.0°  
Efficiency 91 %  
Peak intensity 4.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NVSxx19A  
FWHM 22.0°  
Efficiency 92 %  
LEDs/each optic 1  
Light colour White  
Required components:



LED NVSxx19B/NVSxx19C  
FWHM 24.0°  
Efficiency 94 %  
Peak intensity 4.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



## PHOTOMETRIC DATA (SIMULATED):



LED	NCSxx19A
FWHM	30.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	



Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM	26.0°
Efficiency	96 %
Peak intensity	4.3 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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