

## 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 ⓘ     |

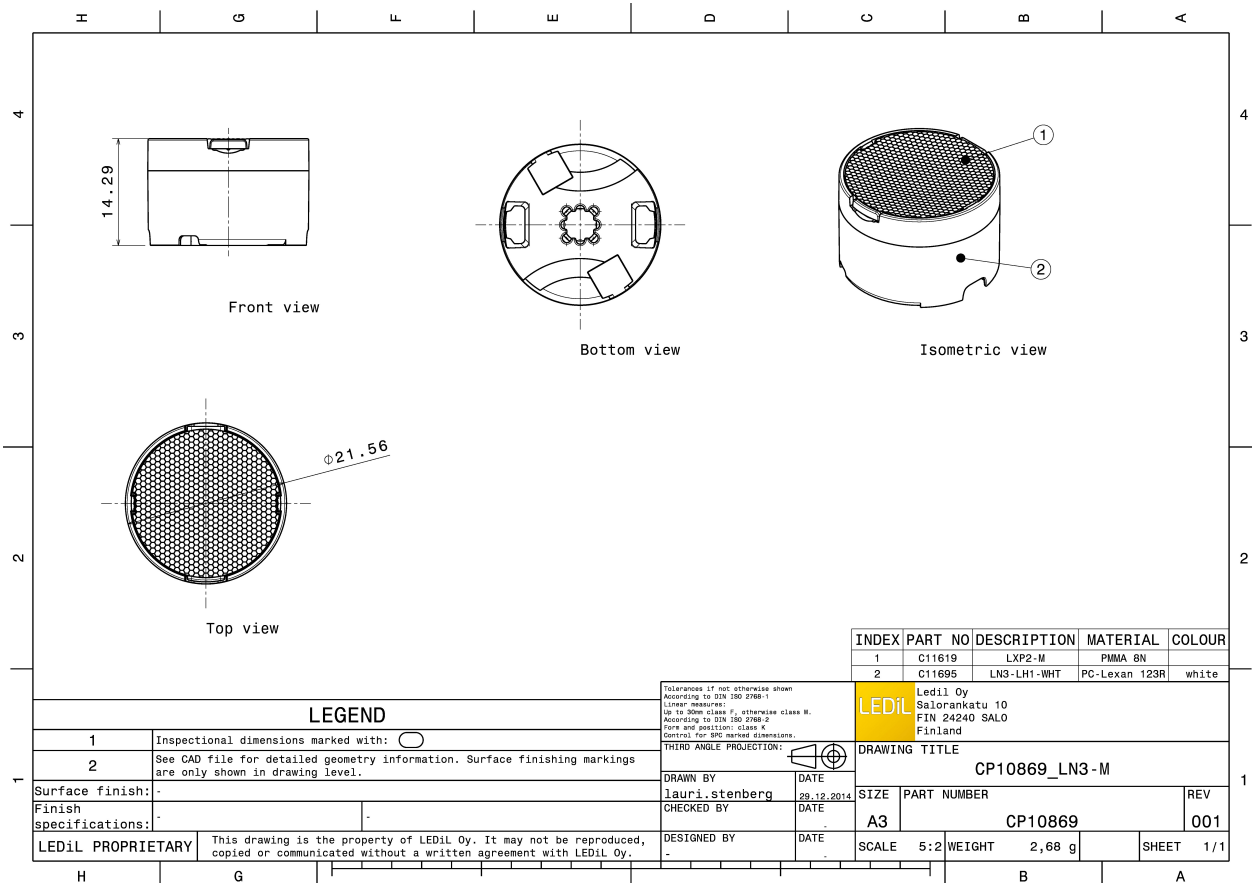
### MATERIAL SPECIFICATIONS:

| 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 |             |            |     |     |                 |

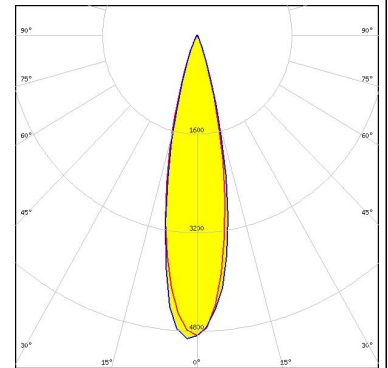




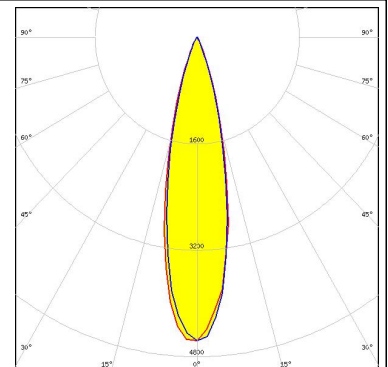
### PHOTOMETRIC DATA (MEASURED):



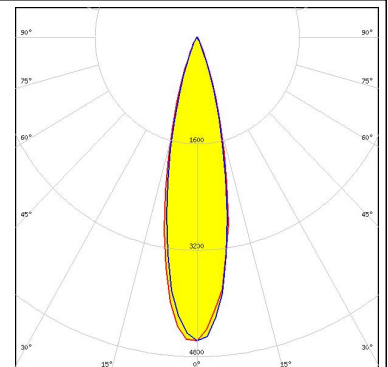
LED NCSxx19B  
FWHM 24.0°  
Efficiency 91 %  
Peak intensity 4.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



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: |          |



|                      |                            |
|----------------------|----------------------------|
| 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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