

## NIS83-MX-2-O

~45° x 15° oval beam optimized for Nichia NS6x83. Assembly with white holder.

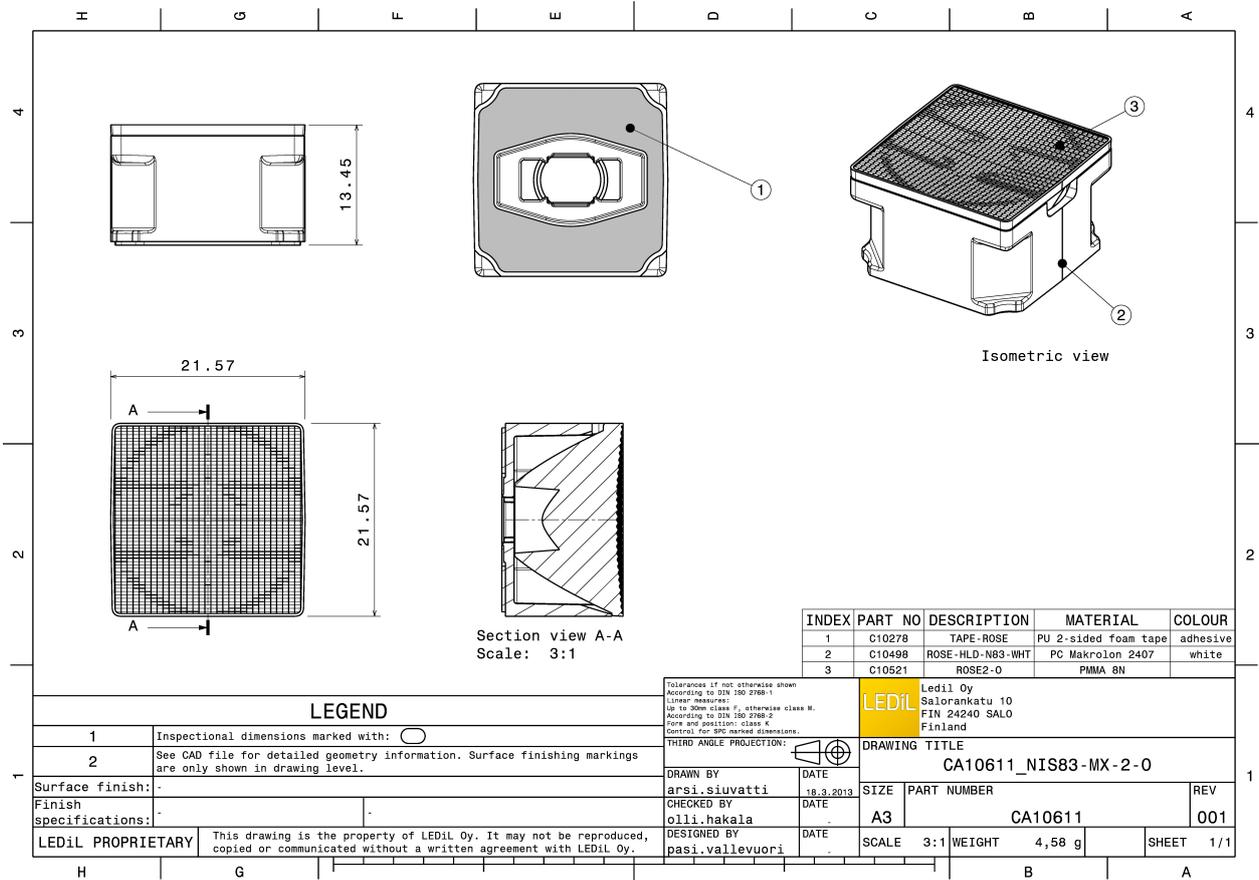
### TECHNICAL SPECIFICATIONS:

|                 |                    |
|-----------------|--------------------|
| Dimensions      | 21.6 mm            |
| Height          | 13.5 mm            |
| Fastening       | tape               |
| Colour          | white              |
| Box size        | 451 x 254 x 152 mm |
| Box weight      | 7.6 kg             |
| Quantity in Box | 1440 pcs           |
| ROHS compliant  | yes ⓘ              |



### MATERIAL SPECIFICATIONS:

| Component        | Type        | Material | Colour |
|------------------|-------------|----------|--------|
| ROSE2-O          | Single lens | PMMA     |        |
| ROSE-HLD-N83-WHT | Holder      | PC       | white  |
| ROSE-TAPE        | Tape        | PU tape  | black  |



## PHOTOMETRIC DATA (MEASURED):

### **CREE**

LED MX-6  
FWHM 44.0 + 18.0°  
Efficiency %  
Peak intensity cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

### **NICHIA**

LED NS6x83  
FWHM 14.0 + 38.0°  
Efficiency %  
Peak intensity 3.510 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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