

## LN2-M

~25° medium beam optimized for Nichia NS6x83.  
13.3 mm high assembly with installation tape.

### SPECIFICATION:

|                |           |
|----------------|-----------|
| Dimensions     | Ø 21.6 mm |
| Height         | 13.5 mm   |
| Fastening      | tape      |
| ROHS compliant | yes ⓘ     |

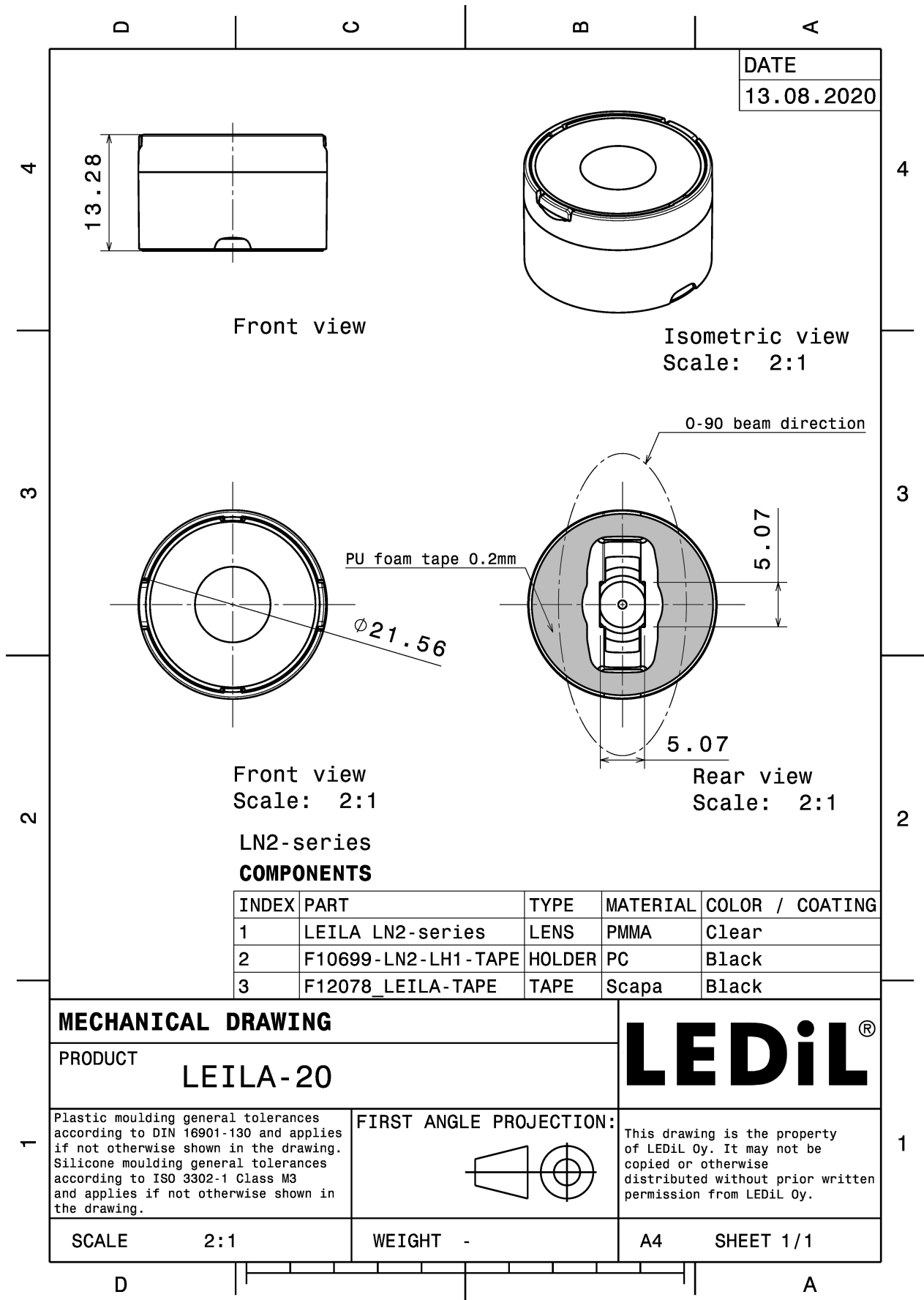


### MATERIALS:

| Component    | Type        | Material     | Colour | Finish | Length |
|--------------|-------------|--------------|--------|--------|--------|
| LN2-M        | Single lens | PMMA         | clear  |        | 21.6   |
| LN2-LH1-TAPE | Holder      | PC           | black  |        | 21.6   |
| LEILA-TAPE   | Tape        | Acrylic foam | black  |        | 21.6   |

### ORDERING INFORMATION:

| Component     | Qty in box | MOQ | MPQ | Box weight (kg) |
|---------------|------------|-----|-----|-----------------|
| FA10697_LN2-M | 2304       | 288 | 144 | 10.1            |
| » Box size:   |            |     |     |                 |

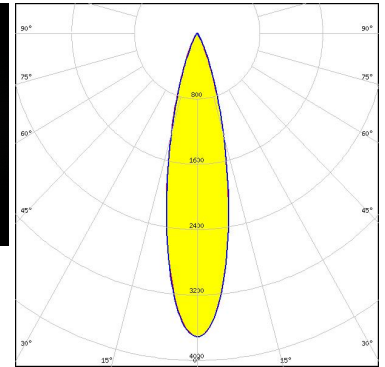
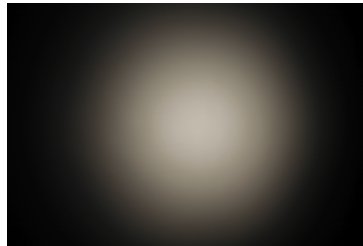


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):



LED XM-L2  
FWHM / FWTM 24.0° / 47.0°  
Efficiency 84 %  
Peak intensity 3.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

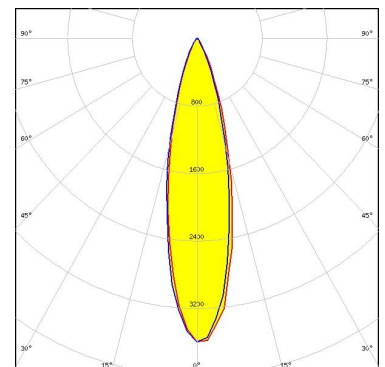


LED NS6x83  
FWHM / FWTM 26.0°  
Efficiency 90 %  
LEDs/each optic 1  
Light colour/type White  
Required components:

Light distribution files



LED OLP-x5050F6L  
FWHM / FWTM 28.0° / 54.0°  
Efficiency 90 %  
Peak intensity 3.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

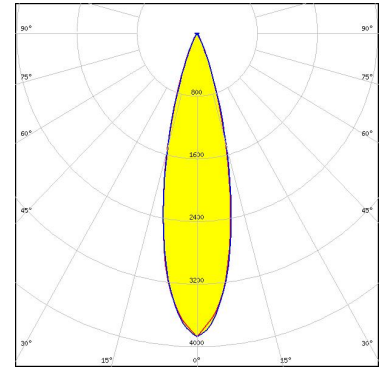


Light distribution files

### OPTICAL RESULTS (SIMULATED):



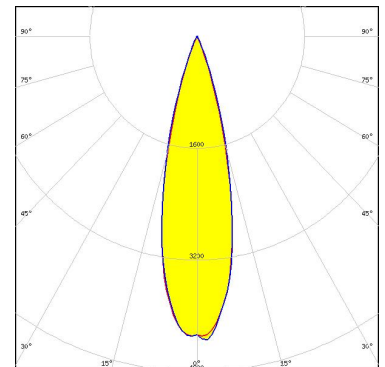
**LED** XP-G3  
**FWHM / FWTM** 26.0° / 46.0°  
**Efficiency** 87 %  
**Peak intensity** 3.9 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**



Light distribution files



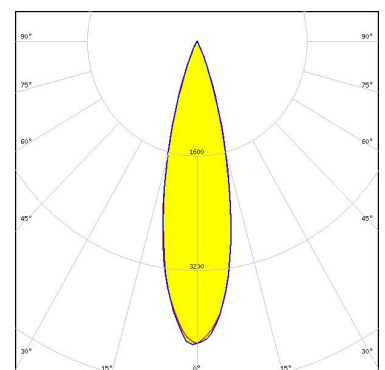
**LED** SFT-40-WCS  
**FWHM / FWTM** 26.0° / 42.0° + 44.0°  
**Efficiency** 92 %  
**Peak intensity** 4.4 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**



Light distribution files



**LED** SFT-70X-WCS  
**FWHM / FWTM** 26.0° / 44.0°  
**Efficiency** 92 %  
**Peak intensity** 4.2 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**



Light distribution files

### 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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