

TINA-RS

~13° spot beam optimized for Nichia NS6x83.
Assembly with holder and installation tape.



TECHNICAL SPECIFICATIONS:

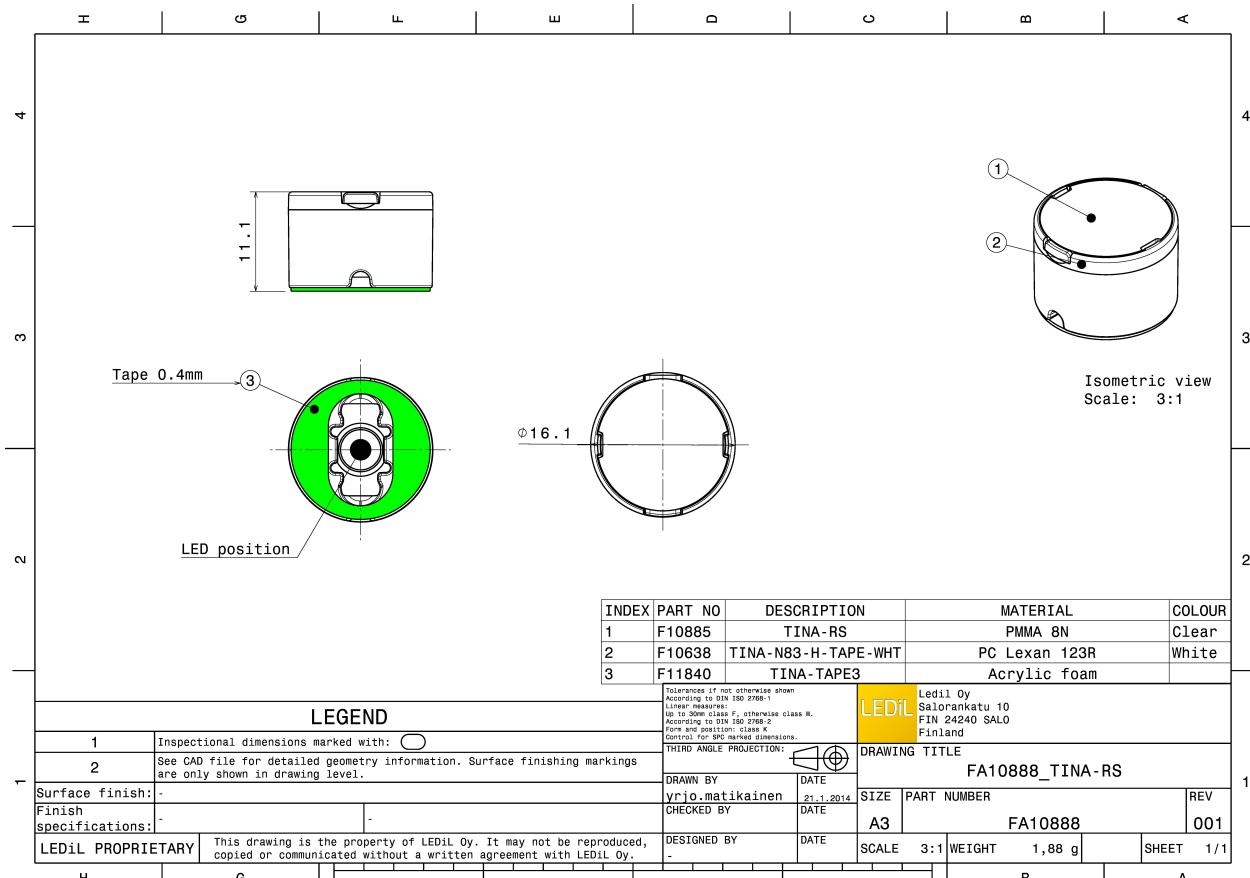
| | |
|----------------|---|
| Dimensions | Ø 16.1 mm |
| Height | 11.1 mm |
| Fastening | tape |
| ROHS compliant | yes  |

MATERIAL SPECIFICATIONS:

| Component | Type | Material | Colour | Finish |
|---------------------|-------------|--------------|--------|--------|
| TINA-RS | Single lens | PMMA | clear | |
| TINA-N83-H-TAPE-WHT | Holder | PC | white | |
| TINA-TAPE3 | Tape | Acrylic foam | black | |

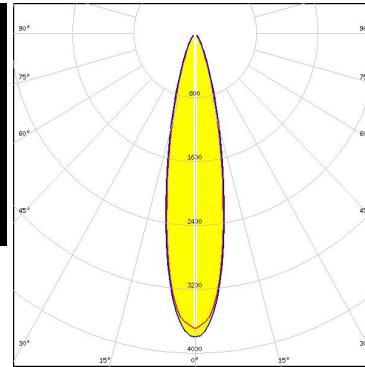
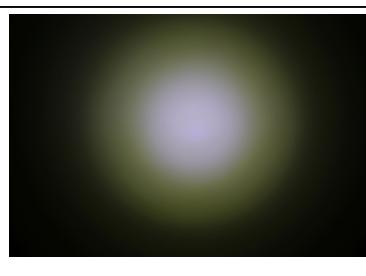
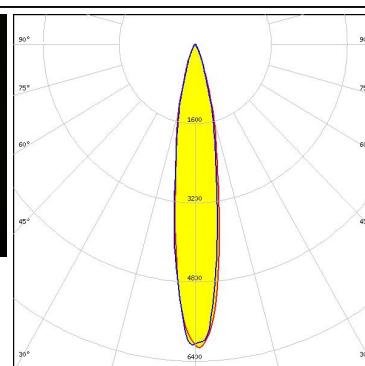
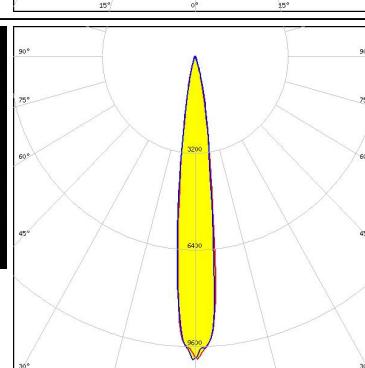
ORDERING INFORMATION:

| Component | Qty in box | MOQ | MPQ | Box weight (kg) |
|---|-------------|------|-----|-----------------|
| FA10888_TINA-RS » Box size: 470 x 240 x 105 mm | Single lens | 2016 | 288 | 144 |



See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

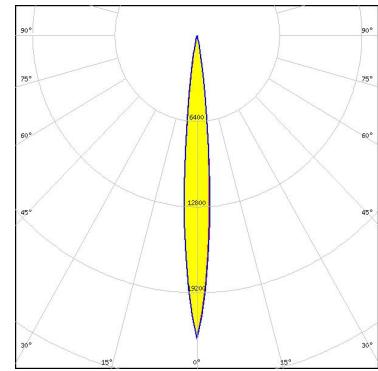
| | | | |
|---|--|--|--|
|  | <p>LED MX-6 FWHM / FWTM 14.0° / 36.0° Efficiency 93 % Peak intensity 7.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  <p>1000 1600 2400 3200 4000 4800 6400 8000</p> |
|  | <p>LED NS6x83 FWHM / FWTM 17.0° / 39.0° Efficiency 94 % Peak intensity 6.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  <p>1000 1600 3200 4800 6400</p> |
|  Leading Innovation >> | <p>LED TL1L4 FWHM / FWTM 13.0° / 28.0° Efficiency 90 % Peak intensity 10 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  <p>3200 6400 8000</p> |

PHOTOMETRIC DATA (SIMULATED):



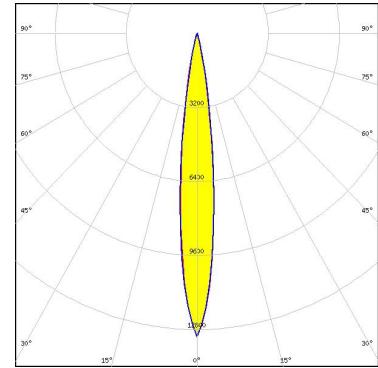
| | |
|-----------------|---------------|
| LED | XP-E2 |
| FWHM / FWTM | 10.0° / 20.0° |
| Efficiency | 92 % |
| Peak intensity | 22.6 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |

Required components:



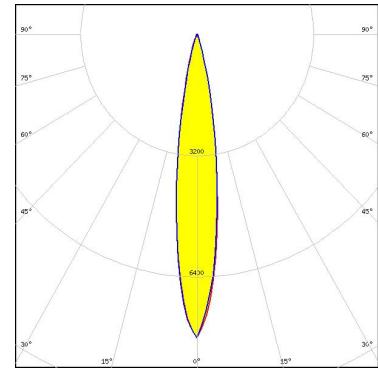
| | |
|-----------------|---------------|
| LED | XP-G2 |
| FWHM / FWTM | 14.0° / 25.0° |
| Efficiency | 92 % |
| Peak intensity | 13.1 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |

Required components:



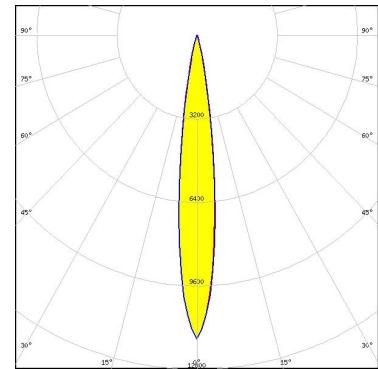
| | |
|-----------------|---------------|
| LED | XP-G3 |
| FWHM / FWTM | 16.0° / 32.0° |
| Efficiency | 89 % |
| Peak intensity | 8 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |

Required components:



| | |
|-----------------|---------------|
| LED | XP-L HI |
| FWHM / FWTM | 14.0° / 26.0° |
| Efficiency | 93 % |
| Peak intensity | 11.6 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |

Required components:

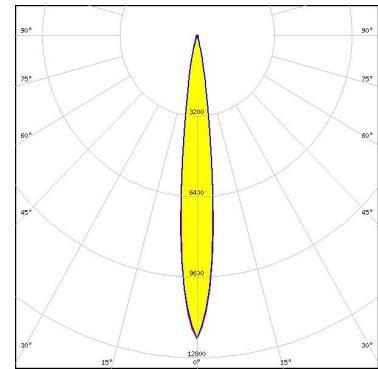


PHOTOMETRIC DATA (SIMULATED):



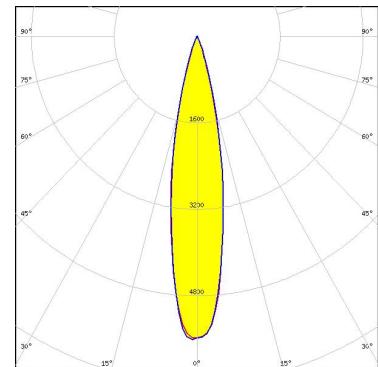
| | |
|-----------------|---------------|
| LED | XT-E |
| FWHM / FWTM | 12.0° / 24.0° |
| Efficiency | 86 % |
| Peak intensity | 12.1 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |

Required components:



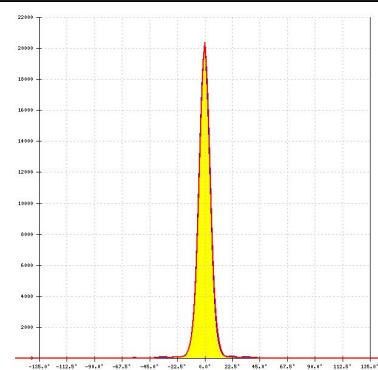
| | |
|-----------------|---------------|
| LED | NVSW519A |
| FWHM / FWTM | 20.0° / 37.0° |
| Efficiency | 88 % |
| Peak intensity | 5.6 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |

Required components:



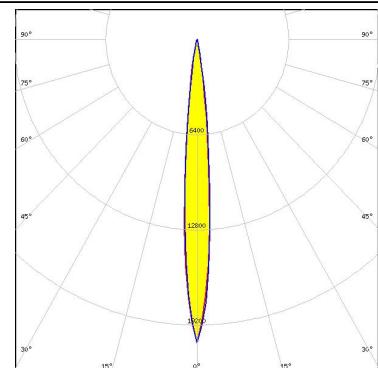
| | |
|-----------------|---------------|
| LED | OSLON Black |
| FWHM / FWTM | 10.0° / 20.0° |
| Efficiency | 89 % |
| Peak intensity | 20.4 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |

Required components:



| | |
|-----------------|---------------|
| LED | SFH 4716AS |
| FWHM / FWTM | 11.0° / 21.0° |
| Efficiency | 90 % |
| Peak intensity | 17.7 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |

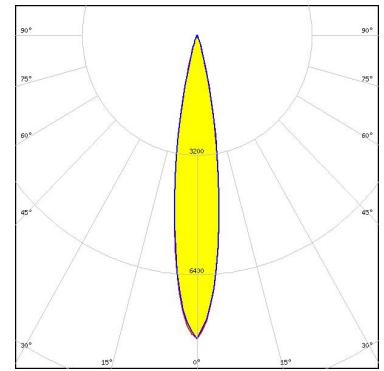
Required components:



PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

LED LH351C
FWHM / FWTM 18.0° / 32.0°
Efficiency 94 %
Peak intensity 8.1 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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LEDiL Oy
Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.
228 West Page Street
Suite D
Sycamore IL 60178
USA

**Ledil Optics Technology
(Shenzhen) Co., Ltd.**
405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

**Local sales and technical
support**
[www.ledil.com/
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