

PRODUCT DATASHEET CA12474_SIRI-A

SIRI-A

 ${\sim}75^\circ$ + 135° wide area beam. Assembly with installation tape.

TECHNICAL SPECIFICATIONS:

| Dimensions | 13.9 x 13.9 mm |
|----------------|----------------|
| Height | 4.6 mm |
| Fastening | tape, pin |
| ROHS compliant | yes 🛈 |



MATERIAL SPECIFICATIONS:

Component SIRI-A SIRI-TAPE **Type** Single lens Tape

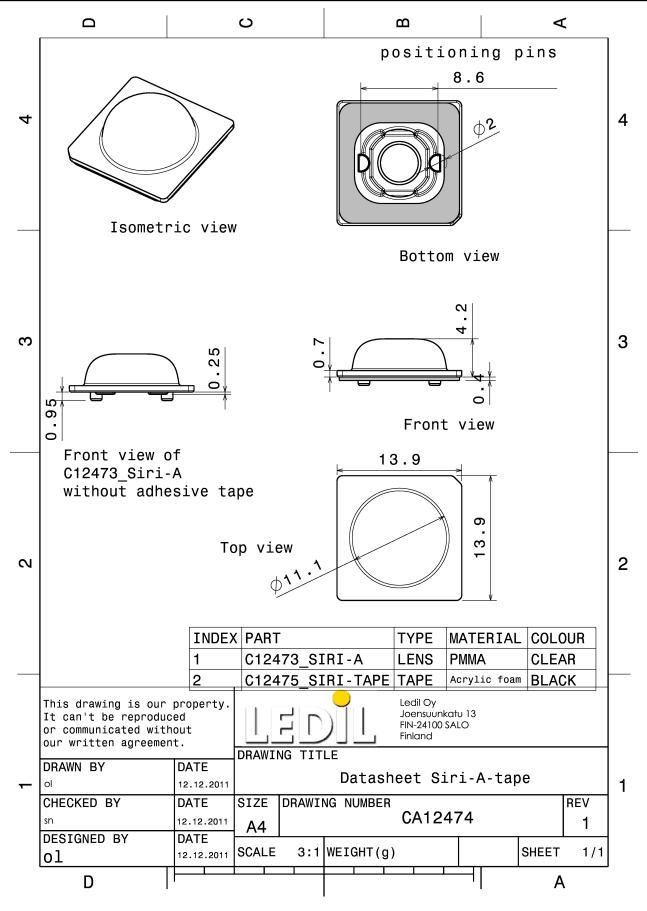
| Material | Colour | Finish |
|--------------|--------|--------|
| PMMA | clear | |
| Acrylic foam | | |

ORDERING INFORMATION:

| Component | | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------------------|-------------|------------|-----|-----|-----------------|
| CA12474_SIRI-A | Single lens | 5488 | 392 | 196 | 3.3 |
| » Box size: 450 x 260 x 160 mm | | | | | |



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



PHOTOMETRIC DATA (MEASURED):

| | _ | | | | |
|---------------------|-----------------|------|---|------------|-----|
| | D | | | 50° | 90* |
| LED | XP-G2 | | | | |
| FWHM / FWTM | 142.0° / 151.0° | | | 75* 100 | |
| Efficiency | 94 % | | | | |
| Peak intensity | 0.3 cd/lm | | | 698 200 | |
| LEDs/each optic | 1 | | | X 7 300 | |
| Light colour | White | | | 45* | |
| Required compone | nts: | | | 400 | |
| | | | | | |
| | | | | | |
| | | | | 30° 115 0° | |
| | EDS | | | <u> </u> | 20 |
| LED | LUXEON R | | | | |
| FWHM / FWTM | 75.0 + 134.0° | | | | |
| Efficiency | 94 % | | | | |
| Peak intensity | 0.4 cd/lm | | | | |
| LEDs/each optic | 1 | | A DESCRIPTION OF THE OWNER OWNER OF THE OWNER OWNER OF THE OWNER OWNE OWNER OWNER OWNER OWNE OWNER OWNER OWNER OWNER OWNE OWNER OWNE OWNE OWNE OWNER OWNER OWNE OWNER OWNE OWNER OWNE OWNE OWNER OWNE OWNER OWNE OWNER OWNE OWNE OWNER OWNE OWNER OWNE OWNE OWNE OWNE OWNE OWNE OWNER OWNE OWNE OWNE OWNE OWNE OWNE OWNE OWNE | | |
| Light colour | White | | | | |
| Required compone | nts: | | | | |
| | | | | | |
| LED | - NVSxx19A | | | | |
| FWHM / FWTM | 58.0 + 132.0° | | | | |
| Efficiency | 94 % | | | | |
| Peak intensity | 0.3 cd/lm | | | | |
| LEDs/each optic | 1 | | | | |
| Light colour | White | | | | |
| Required compone | ints: | | | | |
| | | | | | |
| OSRAM | | | | | |
| Opto Semiconductors | | | | | |
| LED | OSLON Square PC | | | | |
| FWHM / FWTM | 66.0 + 134.0° | | | | |
| Efficiency | 94 % | | | | |
| Peak intensity | 0.3 cd/lm | | | | |
| LEDs/each optic | 1 | | | | |
| Light colour | White | | | | |
| Required compone | ints: | | | | |
| | | | | | |
| | | | | | |
| | | | | | |



PHOTOMETRIC DATA (SIMULATED):

| | | 90° |
|---|---|--|
| LED | J Series 2835 | |
| FWHM / FWTM | 135.0° / 146.0° | 75 76 77. |
| Efficiency | 96 % | |
| Peak intensity | 0.4 cd/lm | 80° 200 60° |
| LEDs/each optic | 1 | |
| Light colour | White | |
| Required components: | | 400 |
| | | |
| | | 500 |
| | | 600 |
| | | 30* 15 ² 0 ⁰ 15* 30 ² |
| | | 90° 90° |
| LED | J Series 3030 | |
| FWHM / FWTM | 131.0° / 142.0° | 73.0 700 70.0 |
| Efficiency | 96 % | |
| Peak intensity | 0.3 cd/lm | 50° 200 60° |
| LEDs/each optic | 1 | |
| Light colour | White | 45* 300 |
| Required components: | | 400 |
| | | \times / \times |
| | | |
| | | |
| | | 30° 600 30° 30° |
| | | |
| | | 90* 90* |
| LED | XP-G2 HE | 90° - 90° |
| | XP-G2 HE 143.0 + 144.0° / 152.0° | 99* 99 7% 100 7% |
| LED FWHM / FWTM | | 9° 73 10 10 10 10 |
| LED FWHM / FWTM Efficiency | 143.0 + 144.0° / 152.0° | 9° 73 0° 0° 20 0° |
| LED FWHM / FWTM Efficiency Peak intensity | 143.0 + 144.0° / 152.0° 93 % | 97 97 73 100 75 60* 200 60* |
| LED FWHM / FWTM Efficiency | 143.0 + 144.0° / 152.0° 93 % 0.3 cd/lm | 9° 7° 100 100 100 100 7° 7° 60° 60° 60° |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic | 143.0 + 144.0° / 152.0° 93 % 0.3 cd/lm 1 | 9° 77 0° 0° 6° 0° 0° 0° 0° |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | 143.0 + 144.0° / 152.0° 93 % 0.3 cd/lm 1 | 91° 92° 23° 10° 72° 01° 20° 00° 40° 00° |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | 143.0 + 144.0° / 152.0° 93 % 0.3 cd/lm 1 | 9° 73 10 10 10 10 10 10 10 10 10 10 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | 143.0 + 144.0° / 152.0° 93 % 0.3 cd/lm 1 | 9° 73 10 0° 0° 20 6° 20 6° 6° 6° 6° 6° 6° 6° 6° 6° 6° |
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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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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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/ where_to_buy

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