

PRODUCT DATASHEET CA12376_TINA2-SS

TINA2-SS

~20° smooth spot beam. Assembly with holder, installation tape and location pins.

TECHNICAL SPECIFICATIONS:

| Dimensions | Ø 16.0 mm |
|----------------|-----------|
| Height | 9.3 mm |
| Fastening | tape, pin |
| ROHS compliant | yes 🛈 |



MATERIAL SPECIFICATIONS:

| Component |
|---------------|
| TINA2-SS |
| TINA2-HLD-BLK |
| TINA-TAPE3 |

| Туре | |
|-------------|--|
| Single lens | |
| Holder | |
| Таре | |

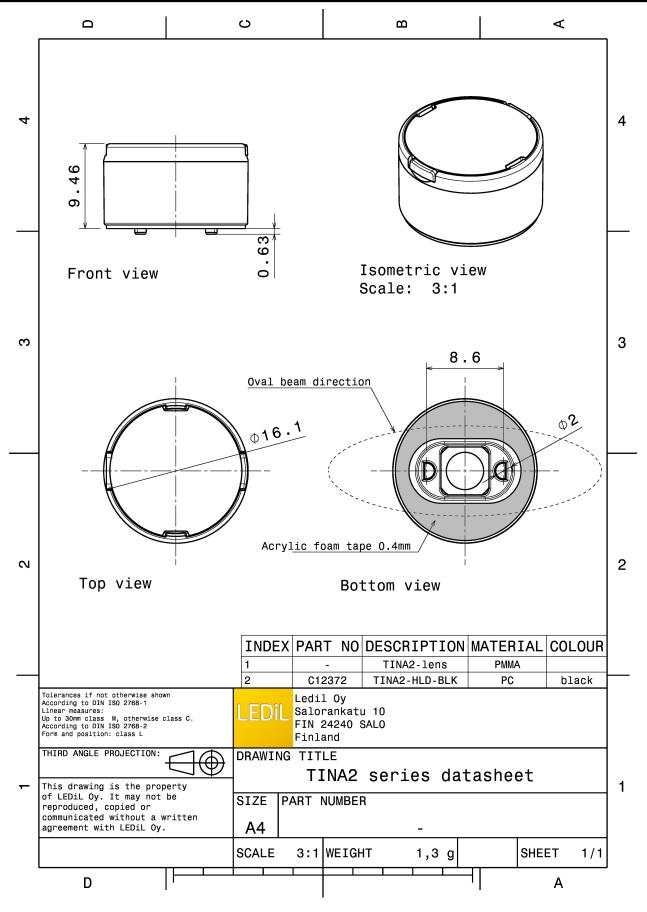
| Material | Colour | Finish |
|----------|--------|--------|
| PMMA | clear | |
| PC | black | |
| PU tape | black | |

ORDERING INFORMATION:

| Component | | Qty in box | MOQ | MPQ | Box weight (kg) |
|------------------|-------------|------------|-----|-----|-----------------|
| CA12376_TINA2-SS | Single lens | 4140 | 230 | 230 | 8.6 |
| » Box size: | | | | | |



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



PHOTOMETRIC DATA (MEASURED):

| CREE - | | 50° 900 |
|---|---|-------------------|
| LED | XB-H | |
| FWHM / FWTM | 22.0° / 41.0° | 75 |
| Efficiency | 87 % | |
| Peak intensity | 4.8 cd/lm | |
| LEDs/each optic | 1 | |
| Light colour | White | gr et |
| Required compone | | |
| | | |
| | | |
| | | 30" 35 of 35" 36" |
| CREE - | | |
| LED | XQ-E HD | |
| EED FWHM / FWTM | 22.0° / 39.0° | |
| Efficiency | 85 % | |
| Peak intensity | 6.2 cd/lm | |
| LEDs/each optic | 1 | |
| Light colour | White | |
| Required compone | | |
| | | |
| | | <u>50'</u> 50' |
| LED FWHM / FWTM | | 75 |
| Efficiency | 20.0° / 33.0° 91 % | |
| Peak intensity | 7.3 cd/lm | |
| LEDs/each optic | 1 | |
| Light colour | White | at a |
| Required compone | | |
| | | |
| | | 600 |
| | | 30" |
| | | |
| C LUMIL | EDS | 00 |
| | | |
| LED | LUXEON TX | 25° |
| LED FWHM / FWTM | LUXEON TX 22.0° / 40.0° | 23 ⁻ |
| LED FWHM / FWTM Efficiency | LUXEON TX 22.0° / 40.0° 89 % | |
| LED FWHM / FWTM Efficiency Peak intensity | LUXEON TX 22.0° / 40.0° | 77 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic | LUXEON TX 22.0° / 40.0° 89 % 5.1 cd/lm 1 | |
| LED FWHM / FWTM Efficiency Peak intensity | LUXEON TX 22.0° / 40.0° 89 % 5.1 cd/lm 1 White | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | LUXEON TX 22.0° / 40.0° 89 % 5.1 cd/lm 1 White | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | LUXEON TX 22.0° / 40.0° 89 % 5.1 cd/lm 1 White | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | LUXEON TX 22.0° / 40.0° 89 % 5.1 cd/lm 1 White | |



PHOTOMETRIC DATA (MEASURED):

| LED | LUX |
|------------------|-------|
| FWHM / FWTM | 21.0 |
| Efficiency | 88 % |
| Peak intensity | 6.9 c |
| LEDs/each optic | 1 |
| Light colour | Whit |
| Required compone | ents: |

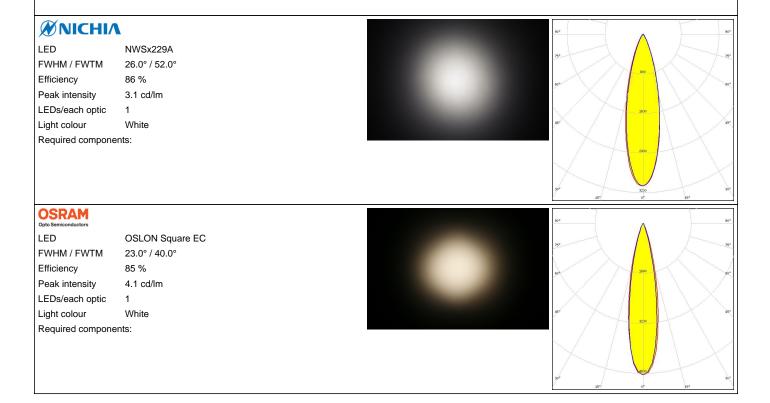




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| LED | NVS |
|-------------------|------|
| FWHM / FWTM | 22.0 |
| Efficiency | 88 % |
| Peak intensity | 4.5 |
| LEDs/each optic | 1 |
| Light colour | Whi |
| Required componen | ts: |

NVSxx19B/NVSxx19C 22.0° / 44.0° 88 % 4.5 cd/lm 1 White ents:





PHOTOMETRIC DATA (MEASURED):

| OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone | OSLON SSL 150 22.0° / 37.0° 89 % 6.3 cd/lm 1 White ents: | | 34 73 94 94 94 | 100 233 433 433 | 22 05 05 05 05 05 05 05 05 05 05 |
|---|--|--|----------------------------|--------------------------|--|
| OSERAM Opto Semiconductors | SFH 4725S 20.0° / 39.0° % 1 White ents: | | | | |
| scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone | Z5M3 23.0° / 45.0° 87 % 4 cd/lm 1 White ents: | | 90° 90° 90° | 2009 | 9° |



PHOTOMETRIC DATA (SIMULATED):

| | DS | 50° 39 |
|---|--|---|
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: | LUXEON C 26.0° / 45.0° 93 % 3.8 cd/lm 1 White | 20 20 20 20 20 20 20 20 20 20 20 20 20 2 |
| UMILEI | DS | |
| LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required components: | LUXEON IR Compact 26.0° / 44.0° 84 % 1 White | |
| | NFSx757G | 9 ¹ |
| FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | 27.0° / 47.0° 92 % 3.7 cd/lm 1 White | 9 · · · · · · · · · · · · · · · · · · · |
| Required components: | white | |
| OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity | Duris S5 (2 chip) 25.0° / 46.0° 92 % 4.1 cd/lm | 00 ⁴ 100 00 |
| LEDs/each optic Light colour Required components: | 1 White | 57 |



PHOTOMETRIC DATA (SIMULATED):

| OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: | OSCONIQ P 3030 24.0° / 44.0 + 45.0° 91 % 4.4 cd/lm 1 Blue | 30, 30, 31, 40, 52, 52, 52, 52, 52, 52, 52, 52 |
|---|--|--|
| OSRAM | | 357 507 327 |
| Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: | OSLON Square Flat 27.0° / 45.0° 90 % 3.9 cd/lm 1 White | 20° 0° 22° 20° 0° 22° 20° 0° 22° 20° 0° 0° 20° 0° 2 |
| OSRAM | | |
| Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: | OSLON SSL 80 26.0° / 42.0° 91 % 3.9 cd/lm 1 White | |
| | | |
| OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: | OSLON SSL 80 27.0° / 46.0° 90 % 3.7 cd/lm 1 White | 5 ¹ 5 ¹ |



PHOTOMETRIC DATA (SIMULATED):

| OSRAM Opto Semiconductors | |
|------------------------------|---------------|
| LED | SFH 4770S |
| FWHM / FWTM | 24.0° / 44.0° |
| Efficiency | 86 % |
| Peak intensity | 4.1 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components | : |
| | |
| | |



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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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