

PRODUCT DATASHEET C10946_FLARE-B

FLARE-B

29 x 23 mm lens with ~100° x 10° oval beam

SPECIFICATION:

| Dimensions | 29.0 x 23.0 mm |
|----------------|----------------|
| Height | 12.7 mm |
| Fastening | glue, screw |
| ROHS compliant | yes 🛈 |



MATERIALS:

Component FLARE-B

| Туре | |
|--------|------|
| Single | lens |

Qty in box

1792

| Material | Colour | Finish |
|----------|--------|--------|
| PMMA | clear | |

MOQ MPQ

224

224

ORDERING INFORMATION:

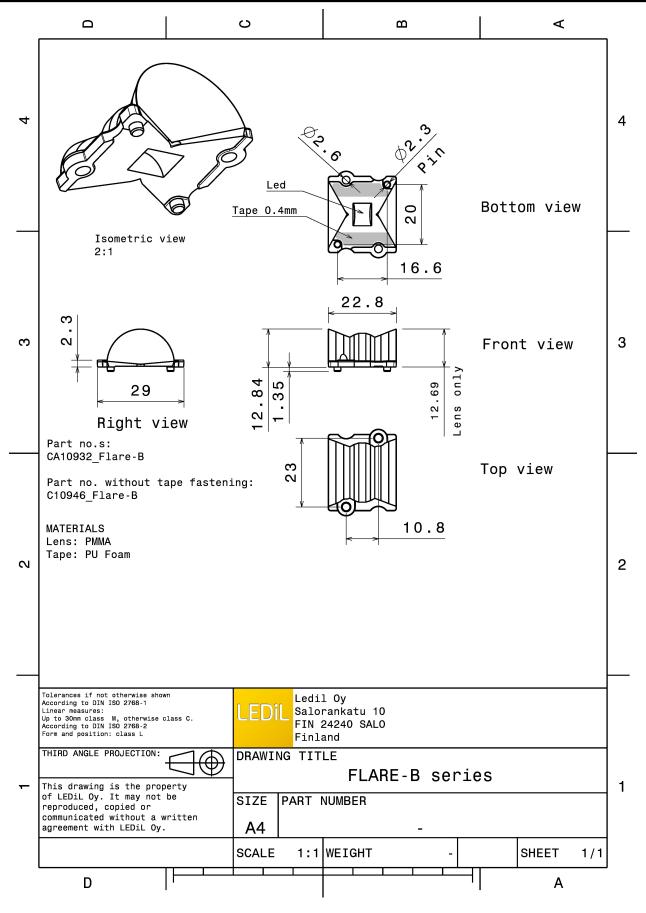
| Component | | |
|--------------------------------|--|--|
| C10946_FLARE-B | | |
| » Box size: 460 x 250 x 300 mm | | |

Box weight (kg)

8.6



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

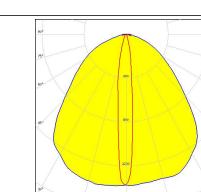


| | | 90* 90* |
|--|--|--|
| LED | XB-D | |
| FWHM / FWTM | 10.0 + 108.0° / 30.0 + 167.0° | 730 731 |
| Efficiency | 93 % | 400 |
| Peak intensity | 1.5 cd/lm | 60* 60* |
| LEDs/each optic | 1 | |
| Light colour | White | 45" |
| Required compone | nts: | 1200 |
| | | |
| | | |
| | | 1600 |
| | | 13 ⁶ 0 ⁴ 19 ⁴ |
| CREE - CE | | 90* 90* |
| | | 73* |
| LED | XP-E | |
| FWHM / FWTM | 12.0 + 96.0° | 60* |
| Efficiency | 94 % | |
| LEDs/each optic | 1 | |
| Light colour | White | |
| Required compone | nts: | |
| | | |
| | | |
| | | 30° 30° |
| | | |
| | | |
| | | 84° |
| | | |
| LED | XP-G | |
| LED FWHM / FWTM | XP-G 14.0 + 112.0° | 20 20 20 20 20 20 20 20 20 20 20 20 20 2 |
| LED FWHM / FWTM Efficiency | XP-G 14.0 + 112.0° 94 % | |
| LED FWHM / FWTM Efficiency LEDs/each optic | XP-G 14.0 + 112.0° 94 % 1 | |
| LED FWHM / FWTM Efficiency LEDs/each optic Light colour | XP-G 14.0 + 112.0° 94 % 1 White | |
| LED FWHM / FWTM Efficiency LEDs/each optic | XP-G 14.0 + 112.0° 94 % 1 White | |
| LED FWHM / FWTM Efficiency LEDs/each optic Light colour | XP-G 14.0 + 112.0° 94 % 1 White | |
| LED FWHM / FWTM Efficiency LEDs/each optic Light colour | XP-G 14.0 + 112.0° 94 % 1 White | |
| LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required compone | XP-G 14.0 + 112.0° 94 % 1 White nts: | |
| LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required compone | XP-G 14.0 + 112.0° 94 % 1 White nts: | |
| LED FWHM / FWTM Efficiency LEDs/each optic Light colour | XP-G 14.0 + 112.0° 94 % 1 White nts: | 1220 1220 1220 1220 1220 1220 120 120 12 |
| LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required compone | XP-G 14.0 + 112.0° 94 % 1 White nts: | 1220 1220 1220 1220 1220 1220 120 120 12 |
| LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required compone | XP-G 14.0 + 112.0° 94 % 1 White nts: EDS LUXEON Rebel | 1220 1220 1220 1220 1220 1220 120 120 12 |
| LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required compone | XP-G 14.0 + 112.0° 94 % 1 White nts: EDS LUXEON Rebel 11.0 + 93.0° | 1220 1220 1220 1220 1220 1220 120 120 12 |
| LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required compone | XP-G 14.0 + 112.0° 94 % 1 White nts: EDS LUXEON Rebel 11.0 + 93.0° 94 % | 1220 1220 1220 1220 1220 1220 120 120 12 |
| LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required compone | XP-G 14.0 + 112.0° 94 % 1 White nts: EDS LUXEON Rebel 11.0 + 93.0° 94 % 1 | 1220 1220 1220 1220 1220 1220 120 120 12 |
| LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required compone Compose LUMIL LED FWHM / FWTM Efficiency LEDs/each optic Light colour | XP-G 14.0 + 112.0° 94 % 1 White nts: EDS LUXEON Rebel 11.0 + 93.0° 94 % 1 White | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 |
| LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required compone | XP-G 14.0 + 112.0° 94 % 1 White nts: EDS LUXEON Rebel 11.0 + 93.0° 94 % 1 White | 20 20 20 20 20 20 20 20 20 20 |
| LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required compone Compose LUMIL LED FWHM / FWTM Efficiency LEDs/each optic Light colour | XP-G 14.0 + 112.0° 94 % 1 White nts: EDS LUXEON Rebel 11.0 + 93.0° 94 % 1 White | 100 100 100 100 100 100 100 100 |
| LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required compone Compose LUMIL LED FWHM / FWTM Efficiency LEDs/each optic Light colour | XP-G 14.0 + 112.0° 94 % 1 White nts: EDS LUXEON Rebel 11.0 + 93.0° 94 % 1 White | 100 100 100 100 100 100 100 100 |



UMILEDS

| LED | LUXEON Rebel ES |
|-------------------|-------------------------------|
| FWHM / FWTM | 12.0 + 104.0° / 35.0 + 154.0° |
| Efficiency | 94 % |
| Peak intensity | 1.4 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required componen | ts: |
| | |



ØNICHIΛ

| LED | NCSxx19A | |
|----------------------|-------------|--|
| FWHM / FWTM | 9.0 + 88.0° | |
| Efficiency | 94 % | |
| LEDs/each optic | 1 | |
| Light colour | White | |
| Required components: | | |

| ØNICHI/ | N Contraction of the second seco | 50° 50° |
|---------------------|--|--|
| LED | NVSW219F | |
| FWHM / FWTM | 16.0 + 111.0° / 29.0 + 151.0° | |
| Efficiency | 94 % | |
| Peak intensity | 1.5 cd/lm | |
| LEDs/each optic | 1 | |
| Light colour | White | er er |
| Required compone | ents: | |
| | | |
| | | 100 |
| | | 30 ⁴ 15 ⁴ 0 ⁴ 15 ⁵ 30 ⁴ |
| OSRAM | | |
| Opto Semiconductors | | 19× |
| LED | OSLON Square EC | |
| FWHM / FWTM | 13.0 + 107.0° / 23.0 + 158.0° | |
| Efficiency | 94 % | |
| Peak intensity | 1.8 cd/lm | |
| LEDs/each optic | 1 | |
| Light colour | White | |
| Required compone | ents: | |
| | | 100/ |
| | | |
| | | |
| | | 13 ² 0 ⁸ 19* |



| OSRAM Opto Semiconductors | | |
|------------------------------|-------------------------------|---|
| | | 90*92 |
| | OSLON SSL 150 | |
| FWHM / FWTM | 9.0 + 117.0° | |
| Efficiency | 93 % | |
| Peak intensity | 1.6 cd/lm | |
| LEDs/each optic | 1 | |
| Light colour | White | |
| Required compone | ents: | |
| | | |
| | | |
| | | 20 ⁴ and all 10 ⁴ 30 ⁴ |
| OSRAM Opto Semiconductors | | 20° 0 20 |
| Opto Semiconductors | | |
| LED | OSLON SSL 80 | |
| FWHM / FWTM | 9.0 + 88.0° | |
| Efficiency | 94 % | 60 ¹ |
| LEDs/each optic | 94 % 1 | |
| Light colour | White | |
| Required compone | | |
| Requirea compone | ents: | |
| | | |
| | | |
| | | 30 ⁴ 30 ⁹ 30 |
| SAMSI | UNG | |
| LED | LH351Z | |
| FWHM / FWTM | 14.0 + 106.0° / 24.0 + 134.0° | |
| Efficiency | 94 % | |
| Peak intensity | 1.9 cd/lm | er an |
| LEDs/each optic | 1 | |
| Light colour | White | |
| Required compone | | |
| Required compone | ents. | 100 |
| | | |
| | | \times / \setminus \times |
| | | 20* 23* 28% 23* |
| SEOUL | | |
| SEOUL SEMICONDUCTOR | | |
| LED | Z5 | |
| FWHM / FWTM | 12.0 + 96.0° | |
| Efficiency | % | |
| LEDs/each optic | 1 | |
| Light colour | White | |
| Required compone | | |
| | 511G. | |
| | | |
| | | |
| | | |
| | | |



SHARP

| LED | Do |
|-------------------|------|
| FWHM / FWTM | 11 |
| Efficiency | % |
| LEDs/each optic | 1 |
| Light colour | W |
| Required componer | nts: |

Double Dome (GM2BB) 11.0 + 104.0° % 1 White





OPTICAL RESULTS (SIMULATED):

| | MHB-A/B | 90° 90° |
|-----------------------------------|---------------------------------------|-----------------------------------|
| FWHM / FWTM | 26.0 + 100.0° / 48.0 + 150.0° | 73* |
| Efficiency | 94 % | |
| Peak intensity | 1 cd/lm | 50 ⁴ 60 ⁴ . |
| LEDs/each optic | 1 | |
| Light colour | White | 45" |
| Required components: | Wine | |
| | | |
| | | |
| | | |
| | | 30° 13 ⁵ 0° 10° 30° |
| | | 90* |
| LED | XHP50.3 HD | |
| FWHM / FWTM | 104.0 + 26.0° / 151.0 + 112.0° | 73% |
| Efficiency | 95 % | 60 ⁺ 60 ⁺ |
| Peak intensity | 1 cd/lm | 400 00 |
| LEDs/each optic | 1 | |
| Light colour | White | -5° 6* |
| Required components: | | |
| | | |
| | | |
| | | 30* 30* |
| | | 13 ° 15 |
| LED | XP-E2 | |
| ED FWHM / FWTM | | |
| Efficiency | 18.0 + 108.0° / 32.0 + 155.0° 94 % | |
| | 94 % 1.6 cd/lm | |
| Peak intensity LEDs/each optic | 1.6 cd/im 1 | |
| Light colour | White | |
| Required components: | Wille | |
| Required components. | | |
| | | |
| | | |
| | | 90* 90* |
| LED | XP-G2 | |
| FWHM / FWTM | 110.0 + 30.0° / 151.0 + 41.0° | 73* 73* |
| Efficiency | 96 % | |
| Peak intensity | 1 cd/lm | 50 ⁴ 50 ⁴ |
| LEDs/each optic | 1 | |
| Light colour | White | -5° |
| Required components: | | |
| | | |
| | | \times / \land \times |
| | | 1220 |
| | | (30° 30°) |



OPTICAL RESULTS (SIMULATED):

| XP-0 |
|------|
| 16.0 |
| 95 % |
| 15.2 |
| 1 |
| Whit |
| |
| |

| XP-G2 HE |
|------------------------------|
| 16.0 + 99.0° / 29.0 + 150.0° |
| 95 % |
| 15.2 cd/lm |
| 1 |
| White |

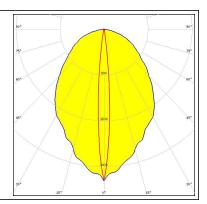
| OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: | Duris S8 19.0 + 97.0° / 37.0 + 148.0° 94 % 1.2 cd/lm 1 White | 25° 25° 25° 25° 25° 25° 25° 25° |
|---|--|--|
| OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: | OSLON Signal 8.0 + 80.0° / 18.0 + 149.0° 97 % 2.8 cd/lm 1 White | 30 ⁻ 50 |
| OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: | OSLON Signal 8.0 + 80.0° / 18.0 + 149.0° 97 % 2.8 cd/lm 1 White | 900 900 900 900 900 900 900 900 |



OPTICAL RESULTS (SIMULATED):

OSRAM Opto Semiconductors

LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSLON Signal 9.0 + 82.0° / 18.0 + 150.0° 97 % 2.6 cd/lm 1 White





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

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