# STELLA-G2-T3

**IESNA Type III (medium) beam for roads that are equal to or wider than mounting height. Compatible with up to 30 mm LES size COBs. Variant with white frame.**


## SPECIFICATION:

| | |
|---|---|
| Dimensions | Ø 90.0 mm |
| Height | 40.2 mm |
| Fastening | socket |
| Ingress protection classes | IP67 |
| ROHS compliant | yes |

## MATERIALS:

| Component | Type | Material | Colour | Finish |
|---|---|---|---|---|
| STELLA-G2-T3 | Single lens | Silicone | clear | |
| STELLA-FRAME-WHT | Holder | PA66 | white | |

## ORDERING INFORMATION:

| Component | | Qty in box | MOQ | MPQ | Box weight (kg) |
|---|---|---|---|---|---|
| FN16479_STELLA-G2-T3 | Single lens | 90 | 90 | 15 | 5.6 |
| » Box size: 480 x 280 x 300 mm | | | | | |


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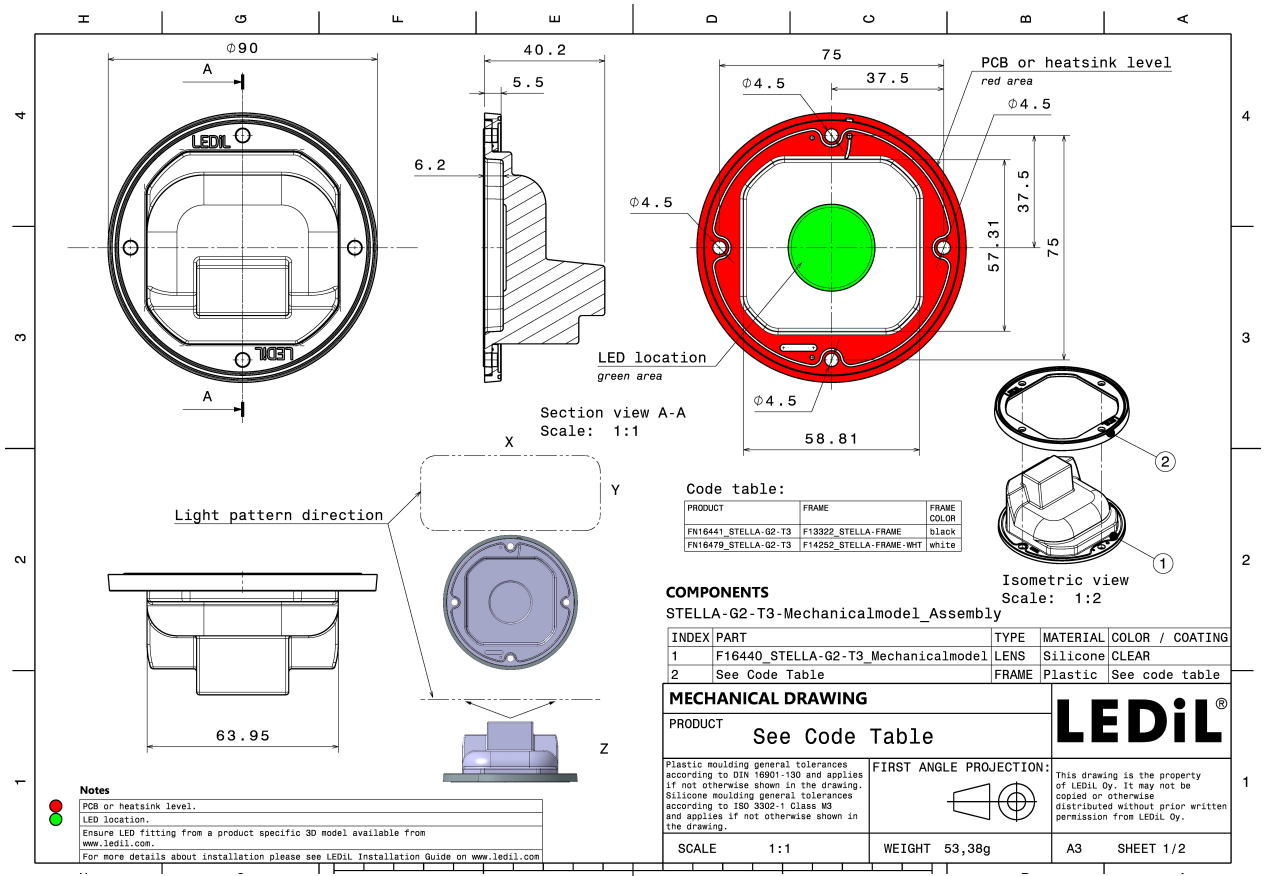


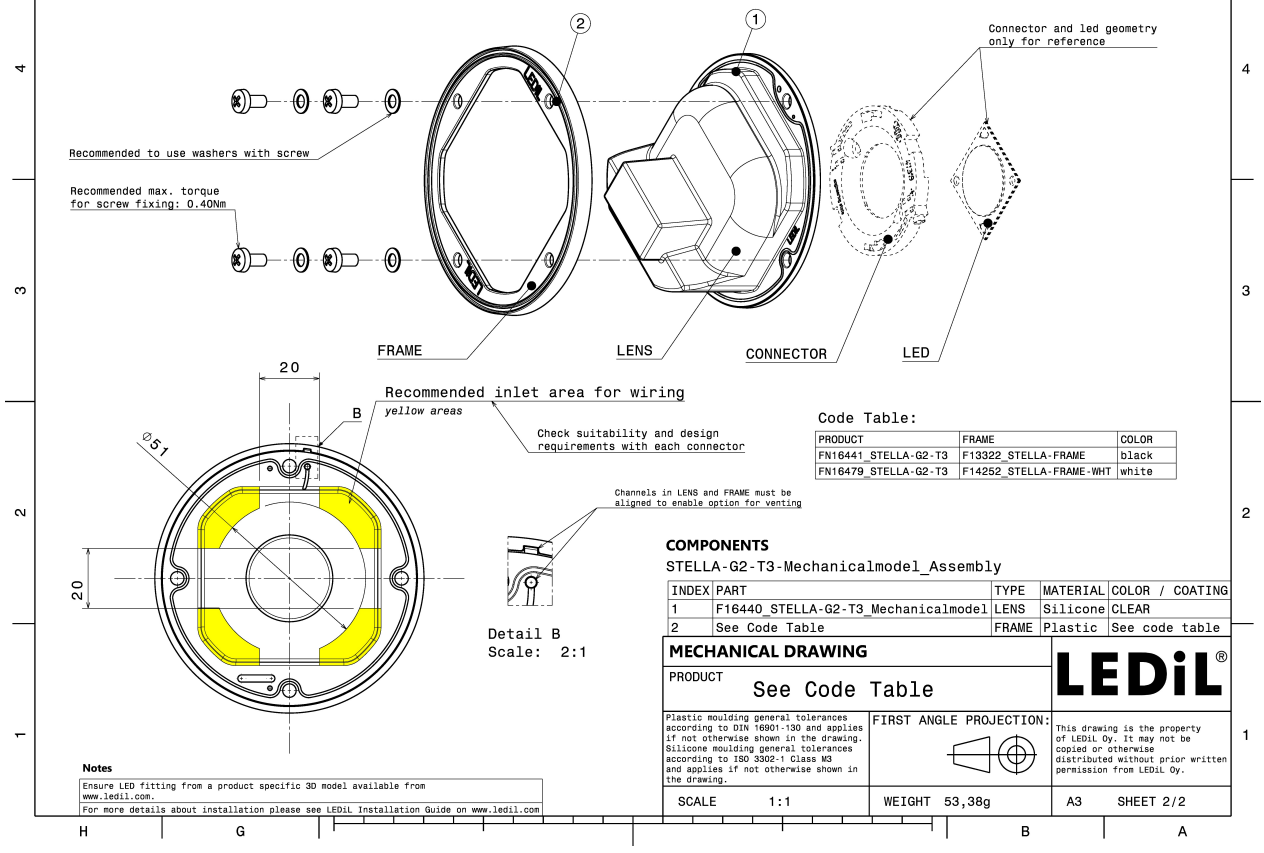


See also our general installation guide: www.ledil.com/installation_guide


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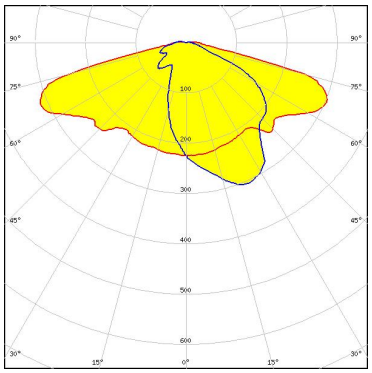
## OPTICAL RESULTS (MEASURED):

bridgelux

| | |
|---|---|
| LED | V22 Gen7 |
| FWHM / FWTM | Asymmetric |
| Efficiency | 91 % |
| Peak intensity | 0.4 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |

Required components:

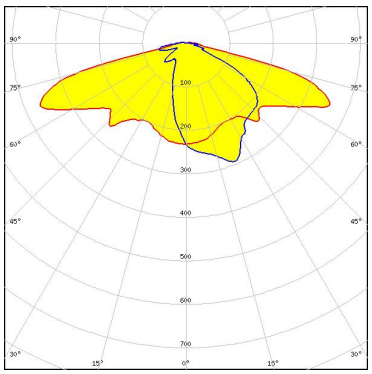
BJB: 47.319.2030



CREE LEDs

| | |
|---|---|
| LED | CMA2550 |
| FWHM / FWTM | Asymmetric |
| Efficiency | 91 % |
| Peak intensity | 0.3 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |

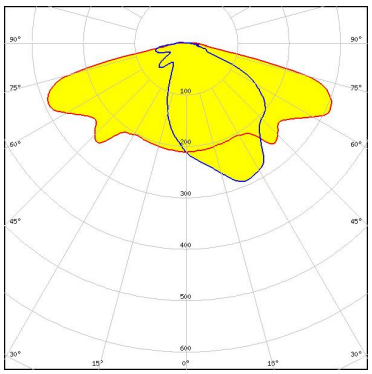
Required components:



CREE LEDs

| | |
|---|---|
| LED | CMA3090 |
| FWHM / FWTM | Asymmetric |
| Efficiency | 89 % |
| Peak intensity | 0.4 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |

Required components:

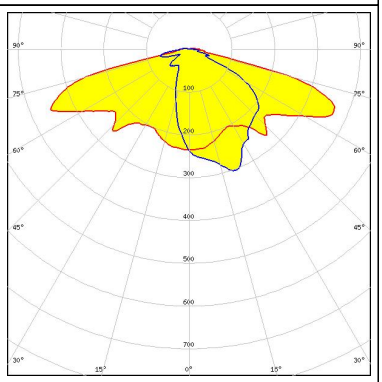


LUMILEDS

| | |
|---|---|
| LED | LUXEON CoB 1211 |
| FWHM / FWTM | Asymmetric |
| Efficiency | 90 % |
| Peak intensity | 0.4 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |

Required components:

Bender Wirth: 431 Typ L3

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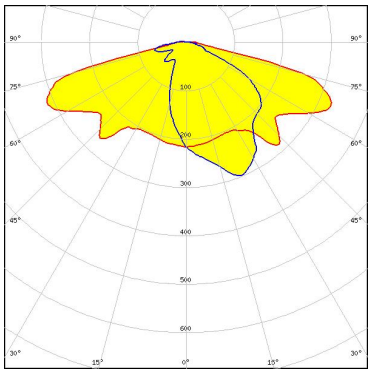
## OPTICAL RESULTS (SIMULATED):

CITIZEN

| | |
|---|---|
| LED | CLL04x/CLU04x |
| FWHM / FWTM | Asymmetric |
| Efficiency | % |
| 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.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

## 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.

## PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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