

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 black frame.

TECHNICAL SPECIFICATIONS:

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

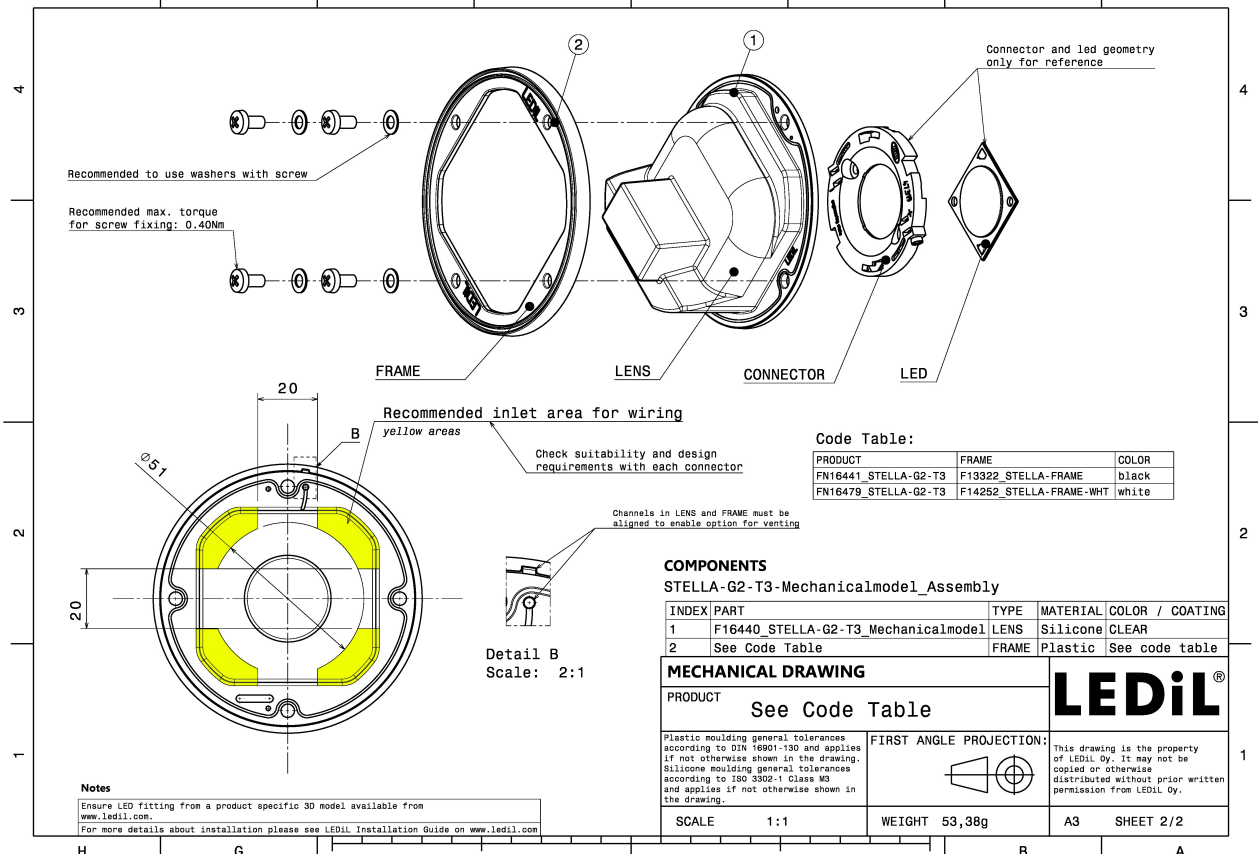
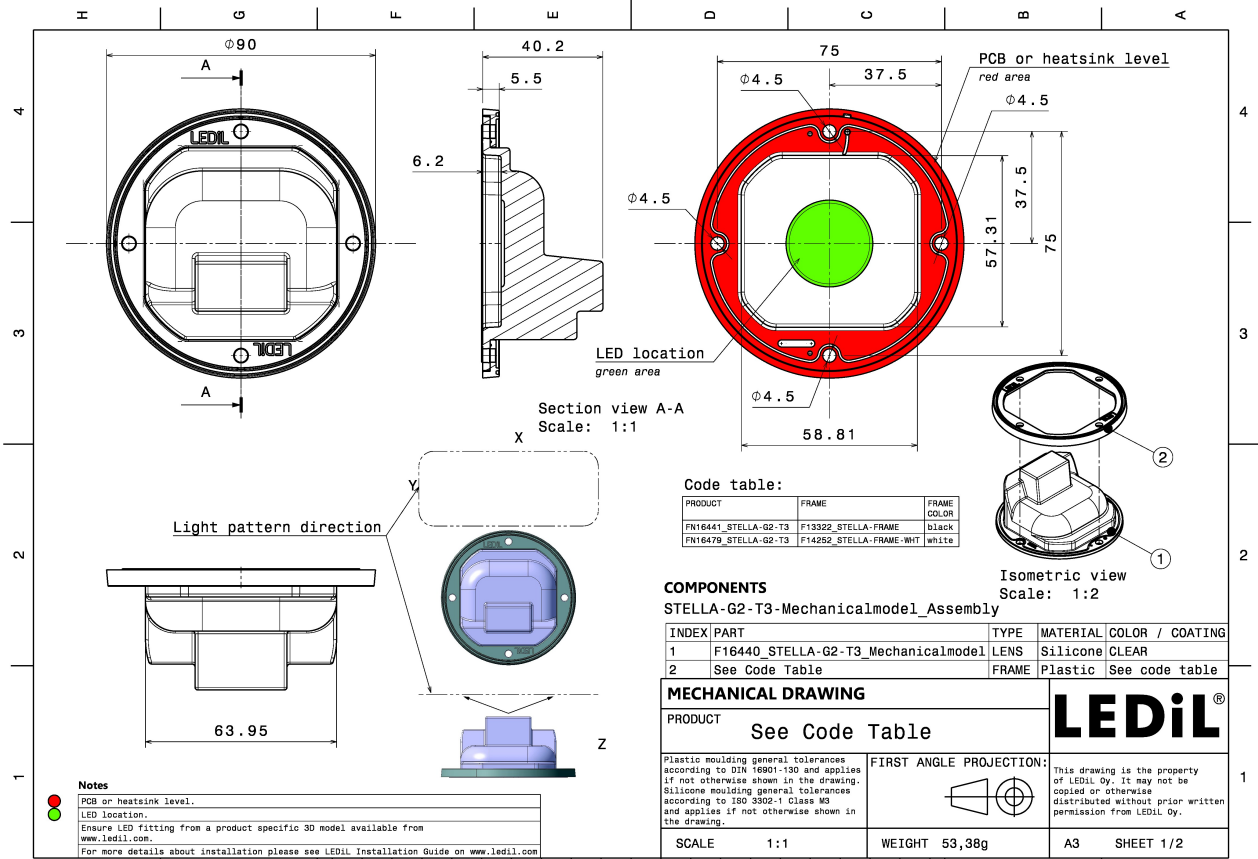


MATERIAL SPECIFICATIONS:

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

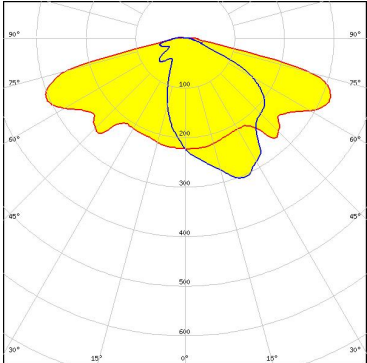
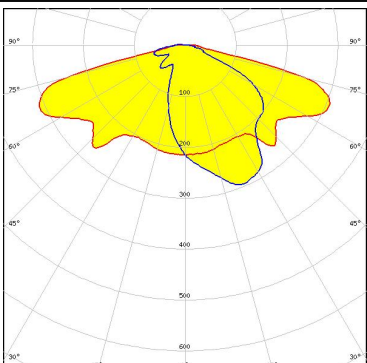
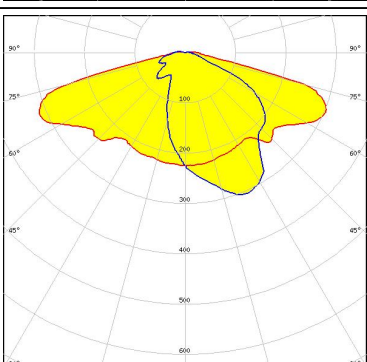
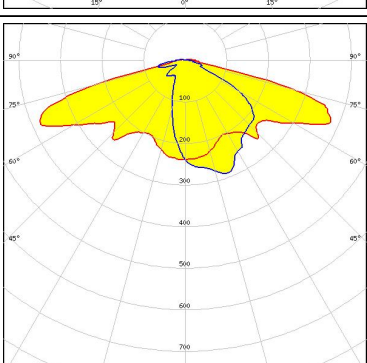
ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FN16441_STELLA-G2-T3	Single lens	90	90	15	5.6
» Box size: 480 x 280 x 300 mm					



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

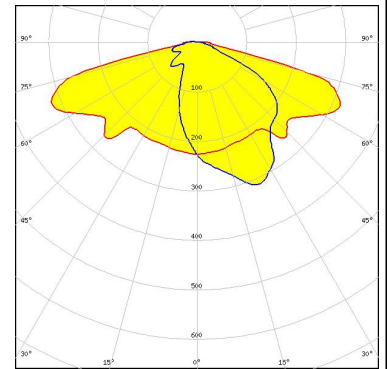
PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED V22 Gen7</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 91 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: TE Connectivity: 2213480-1</p>	 <p>A photometric beam spread diagram showing a yellow beam shape on a grid. The grid has vertical lines at 15°, 0°, and 15° and horizontal lines at 30°, 45°, 60°, 75°, and 90°. The beam is wider at the top and tapers towards the bottom. Concentric circles are labeled from 100 to 600.</p>
<p>bridgelux.</p> <p>LED V22 Gen7</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 90 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: Bender Wirth: 431 Typ Z1</p>	 <p>A photometric beam spread diagram showing a yellow beam shape on a grid. The grid has vertical lines at 15°, 0°, and 15° and horizontal lines at 30°, 45°, 60°, 75°, and 90°. The beam is wider at the top and tapers towards the bottom. Concentric circles are labeled from 100 to 600.</p>
<p>bridgelux.</p> <p>LED V22 Gen7</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 91 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: BJB: 47.319.2030</p>	 <p>A photometric beam spread diagram showing a yellow beam shape on a grid. The grid has vertical lines at 15°, 0°, and 15° and horizontal lines at 30°, 45°, 60°, 75°, and 90°. The beam is wider at the top and tapers towards the bottom. Concentric circles are labeled from 100 to 600.</p>
<p>bridgelux.</p> <p>LED VERO18</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 90 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	 <p>A photometric beam spread diagram showing a yellow beam shape on a grid. The grid has vertical lines at 15°, 0°, and 15° and horizontal lines at 30°, 45°, 60°, 75°, and 90°. The beam is wider at the top and tapers towards the bottom. Concentric circles are labeled from 100 to 700.</p>

PHOTOMETRIC DATA (MEASURED):

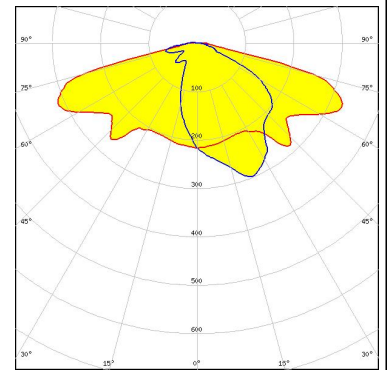
CITIZEN

LED CLL04x/CLU04x
 FWHM / FWTM Asymmetric
 Efficiency 91 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.319.2030

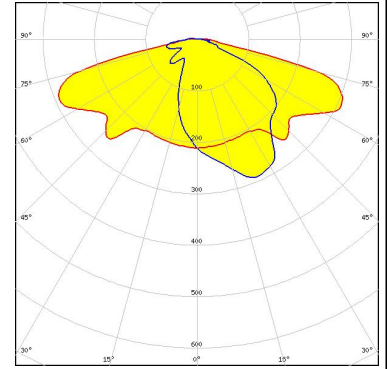


CITIZEN

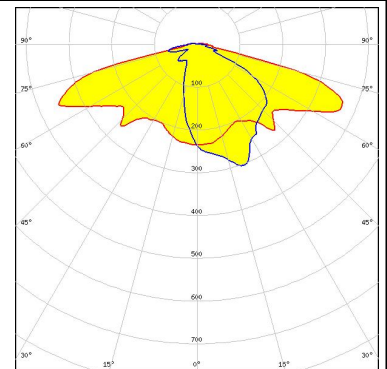
LED CLL04x/CLU04x
 FWHM / FWTM Asymmetric
 Efficiency 89 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED CMA3090
 FWHM / FWTM Asymmetric
 Efficiency 89 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



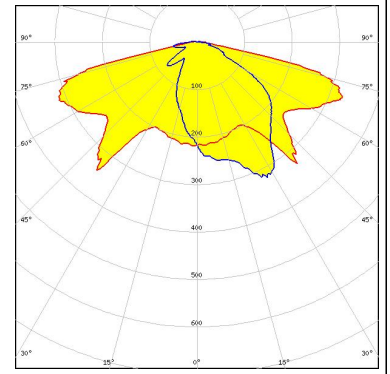
LED LUXEON CoB 1211
 FWHM / FWTM Asymmetric
 Efficiency 90 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 431 Typ L3




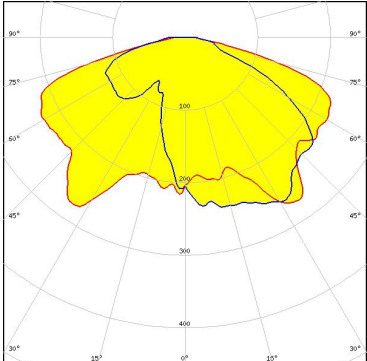

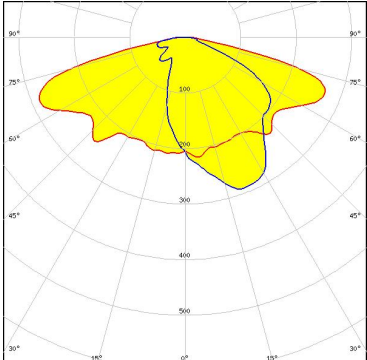



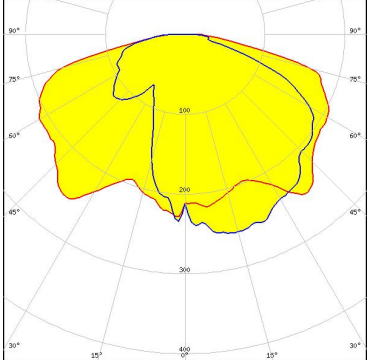
PHOTOMETRIC DATA (MEASURED):

SAMSUNG

LED LC040D / LC060D / LC080D
FWHM / FWTM Asymmetric
Efficiency 90 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



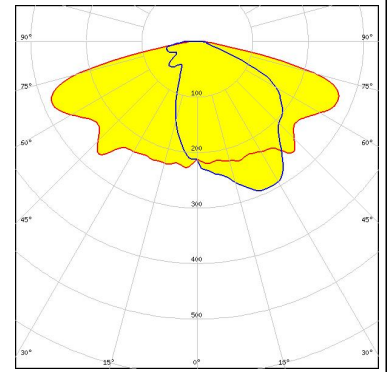
PHOTOMETRIC DATA (SIMULATED):

<p> bridgelux</p> <p>LED: VERO29 FWHM / FWTM: Asymmetric Efficiency: 93 % Peak intensity: 0.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p> CREE LED</p> <p>LED: CMT28xx FWHM / FWTM: Asymmetric Efficiency: 85 % Peak intensity: 0.3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p> CREE LED</p> <p>LED: CMT28xx FWHM / FWTM: Asymmetric Efficiency: 90 % Peak intensity: 0.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p> LUMILEDS</p> <p>LED: LUXEON CoB 1321 FWHM / FWTM: Asymmetric Efficiency: 92 % Peak intensity: 0.3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

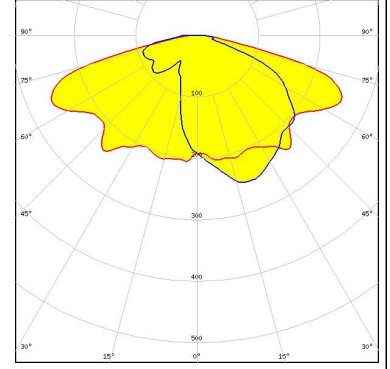
PHILIPS

LED Fortimo SLM L23 + SLM holder (PI)
FWHM / FWTM Asymmetric
Efficiency 91 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

LED MJT COB LES 22
FWHM / FWTM Asymmetric
Efficiency 90 %
Peak intensity 0.3 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.

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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