

STELLA-G2-T2

IESNA Type II (medium) beam, applicable for European P-class standard pedestrian lighting and M-class roads. Compatible with up to 30 mm LES size COBs. Variant with black frame.

SPECIFICATION:

Dimensions	Ø 90.0 mm
Height	27 mm
Fastening	socket
Ingress protection classes	IP67
ROHS compliant	yes ⓘ

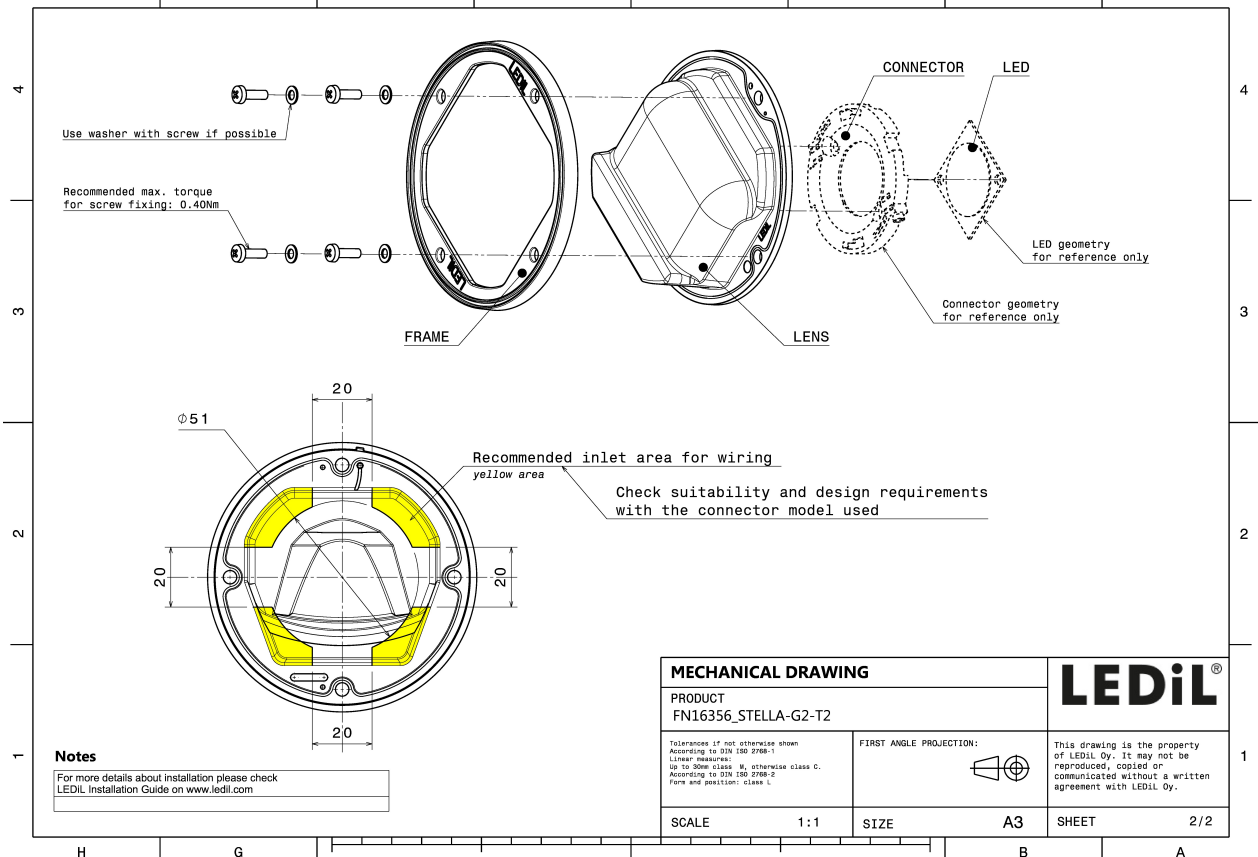
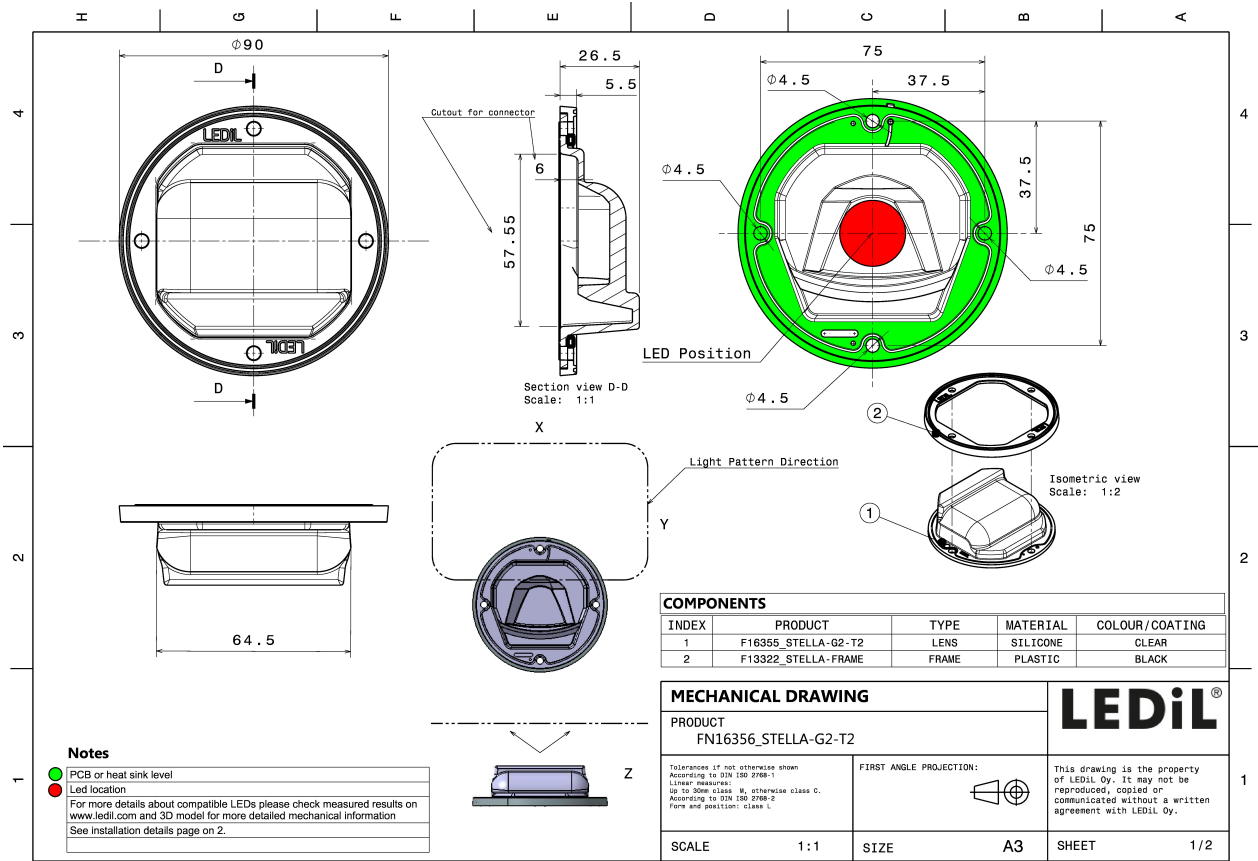


MATERIALS:

Component	Type	Material	Colour	Finish
STELLA-G2-T2	Single lens	Silicone	clear	
STELLA-FRAME	Holder	PA66	black	


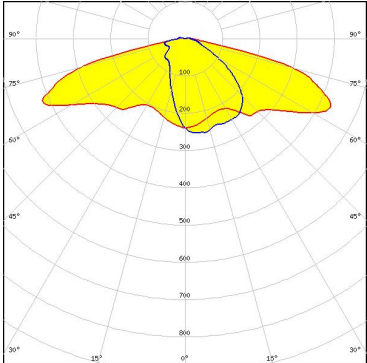

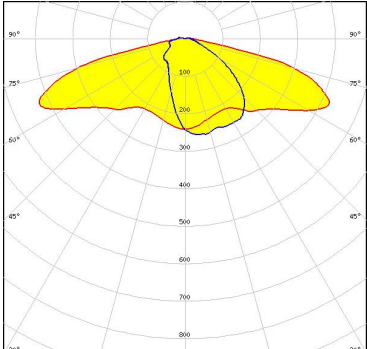

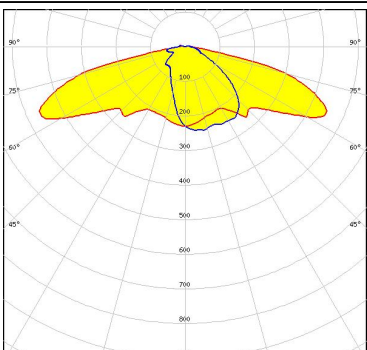

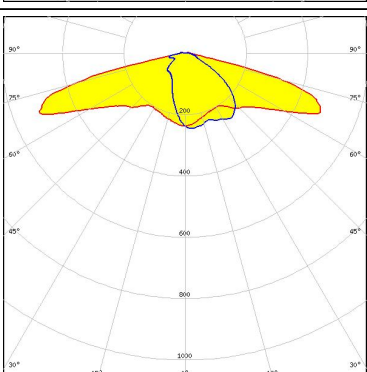
ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
FN16356_STELLA-G2-T2	Single lens	135		15	7.9
» Box size: 480 x 280 x 300 mm					



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

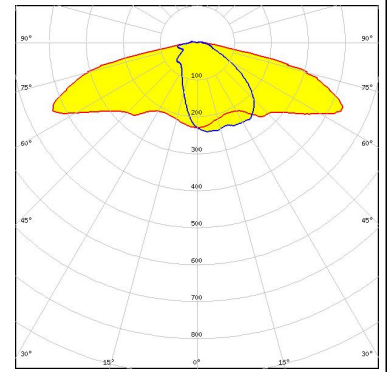
OPTICAL RESULTS (MEASURED):

<p> bridgelux</p> <p>LED V22 Gen7 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components: Bender Wirth: 431 Typ Z1</p>	
<p> bridgelux</p> <p>LED V22 Gen7 FWHM / FWTM Asymmetric Efficiency 87 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components: TE Connectivity: 2213480-1</p>	
<p> bridgelux</p> <p>LED V22 Gen7 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p> CREE LED</p> <p>LED CXA/B 25xx FWHM / FWTM Asymmetric Efficiency 87 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

OPTICAL RESULTS (MEASURED):

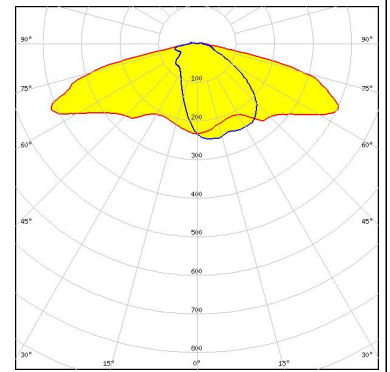
SAMSUNG

LED LC040D / LC060D / LC080D
FWHM / FWTM Asymmetric
Efficiency 86 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:


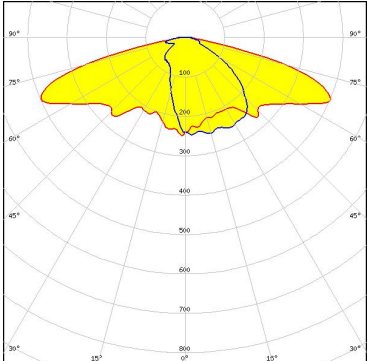

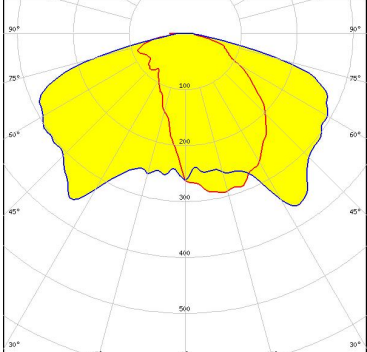
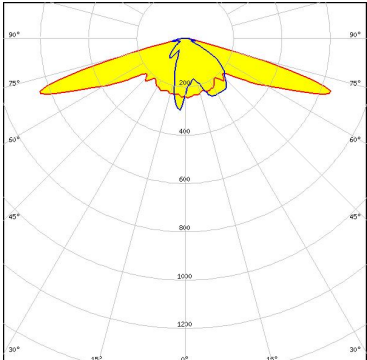
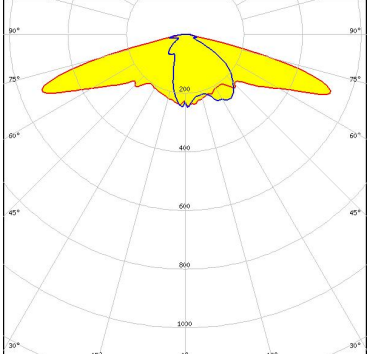


SAMSUNG

LED LC040D / LC060D / LC080D
FWHM / FWTM Asymmetric
Efficiency 86 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



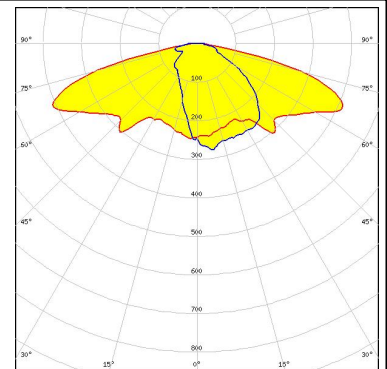
OPTICAL RESULTS (SIMULATED):

<p></p> <p>LED V18 Gen 8</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 82 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: Bender Wirth: 462 Typ Z1</p>	
<p></p> <p>LED VERO29</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:</p>	
<p>CITIZEN</p> <p>LED CLL02x/CLU02x (LES10)</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 83 %</p> <p>Peak intensity 0.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>CITIZEN</p> <p>LED CLL03x/CLU03x</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 83 %</p> <p>Peak intensity 0.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

OPTICAL RESULTS (SIMULATED):

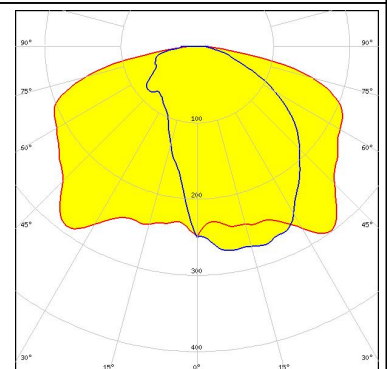
CITIZEN

LED CLL04x/CLU04x
 FWHM / FWTM Asymmetric
 Efficiency 89 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



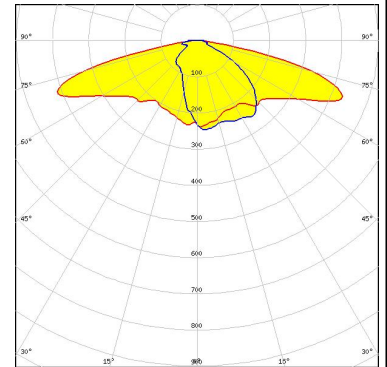
CITIZEN

LED CLL05x/CLU05x
 FWHM / FWTM Asymmetric
 Efficiency 82 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 458 Typ L4



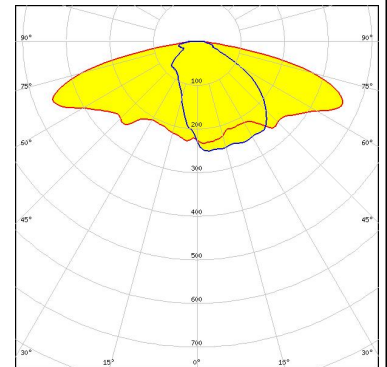
CREE LED

LED CMA2550
 FWHM / FWTM Asymmetric
 Efficiency 84 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 439 Typ L3

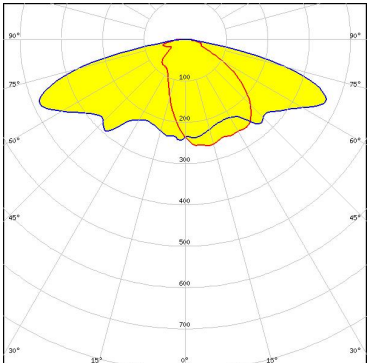
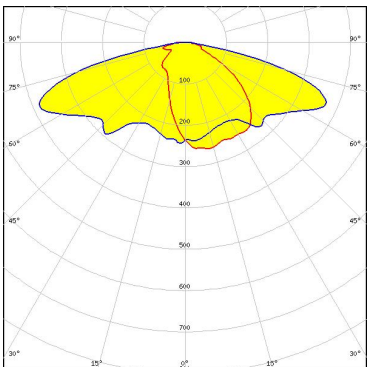
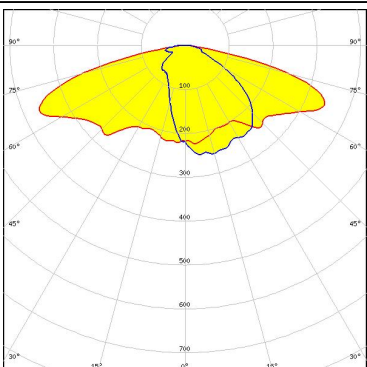
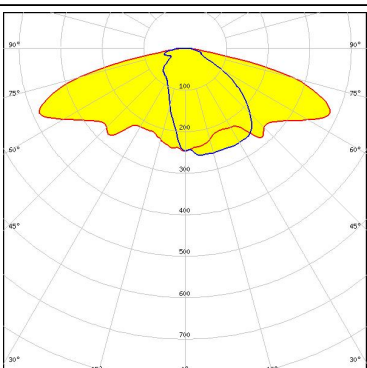


CREE LED

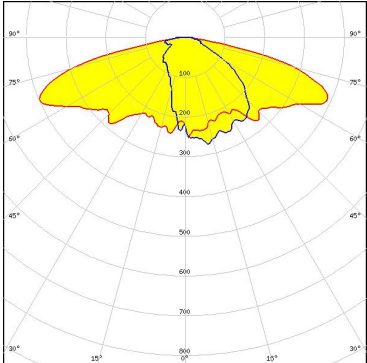
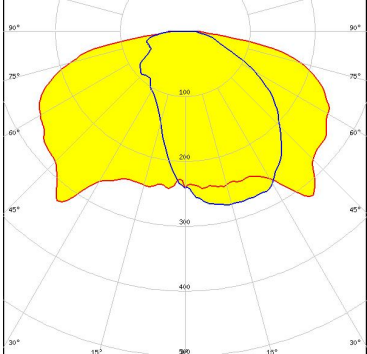
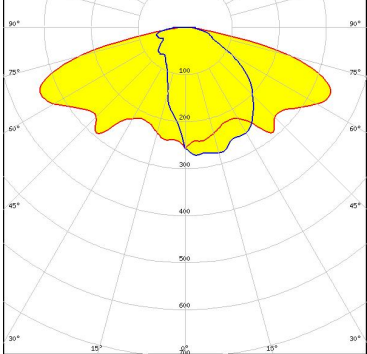
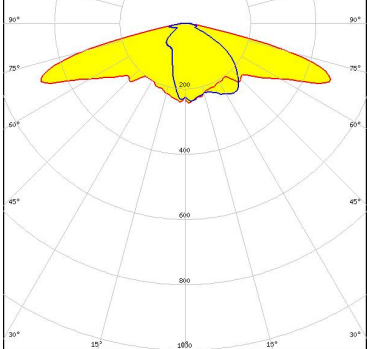
LED CMA3090
 FWHM / FWTM Asymmetric
 Efficiency 85 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 447 Typ L3



OPTICAL RESULTS (SIMULATED):

<p>CREE → LED</p> <p>LED: CMT19xx FWHM / FWTM: Asymmetric Efficiency: 87 % Peak intensity: 0.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE → LED</p> <p>LED: CMT28xx FWHM / FWTM: Asymmetric Efficiency: 87 % 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: 82 % Peak intensity: 0.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE → LED</p> <p>LED: CMU22xx FWHM / FWTM: Asymmetric Efficiency: 86 % Peak intensity: 0.4 cd/lm LEDs/each optic: 1 Light colour: White Required components: Bender Wirth: 431 Typ L3</p>	

OPTICAL RESULTS (SIMULATED):

<p>CREE LED</p> <p>LED: CXA/B 30xx FWHM / FWTM: Asymmetric Efficiency: 86 % 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: 90 % Peak intensity: 0.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED: Duris S8 FWHM / FWTM: Asymmetric Efficiency: 88 % Peak intensity: 0.4 cd/lm LEDs/each optic: 16 Light colour: White Required components:</p>	
<p>TRIDONIC</p> <p>LED: SLE G7 LES17 FWHM / FWTM: Asymmetric Efficiency: 83 % Peak intensity: 0.6 cd/lm LEDs/each optic: 1 Light colour: White Required components: Bender Wirth: 466 Typ Z1</p>	

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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