

## STELLA-G2-VSM

IESNA Type V (square) beam for wide areas such as car parks. Compatible with up to 30 mm LES size COBs. Variant with black frame.

### SPECIFICATION:

Dimensions	Ø 90.0 mm
Height	25.6 mm
Fastening	screw, socket
Ingress protection classes	IP67
ROHS compliant	yes ⓘ

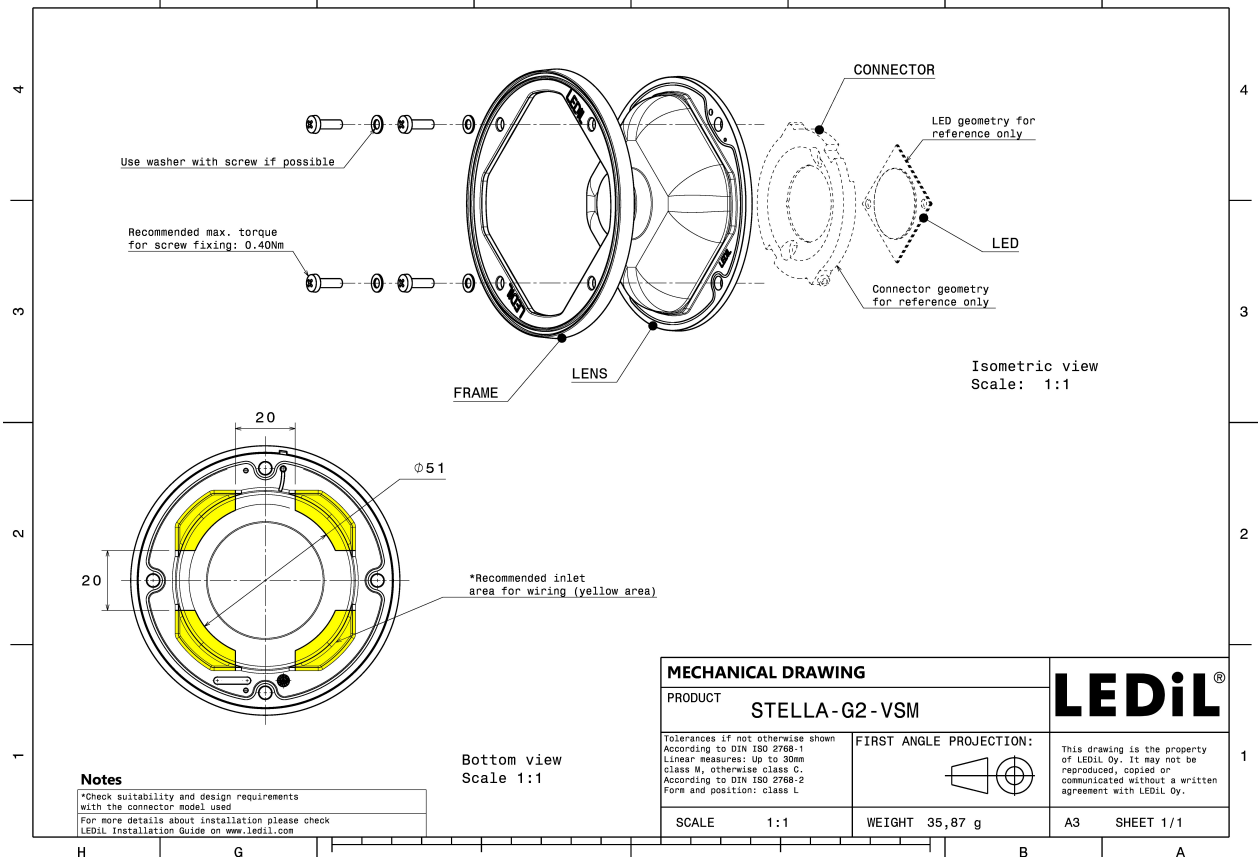
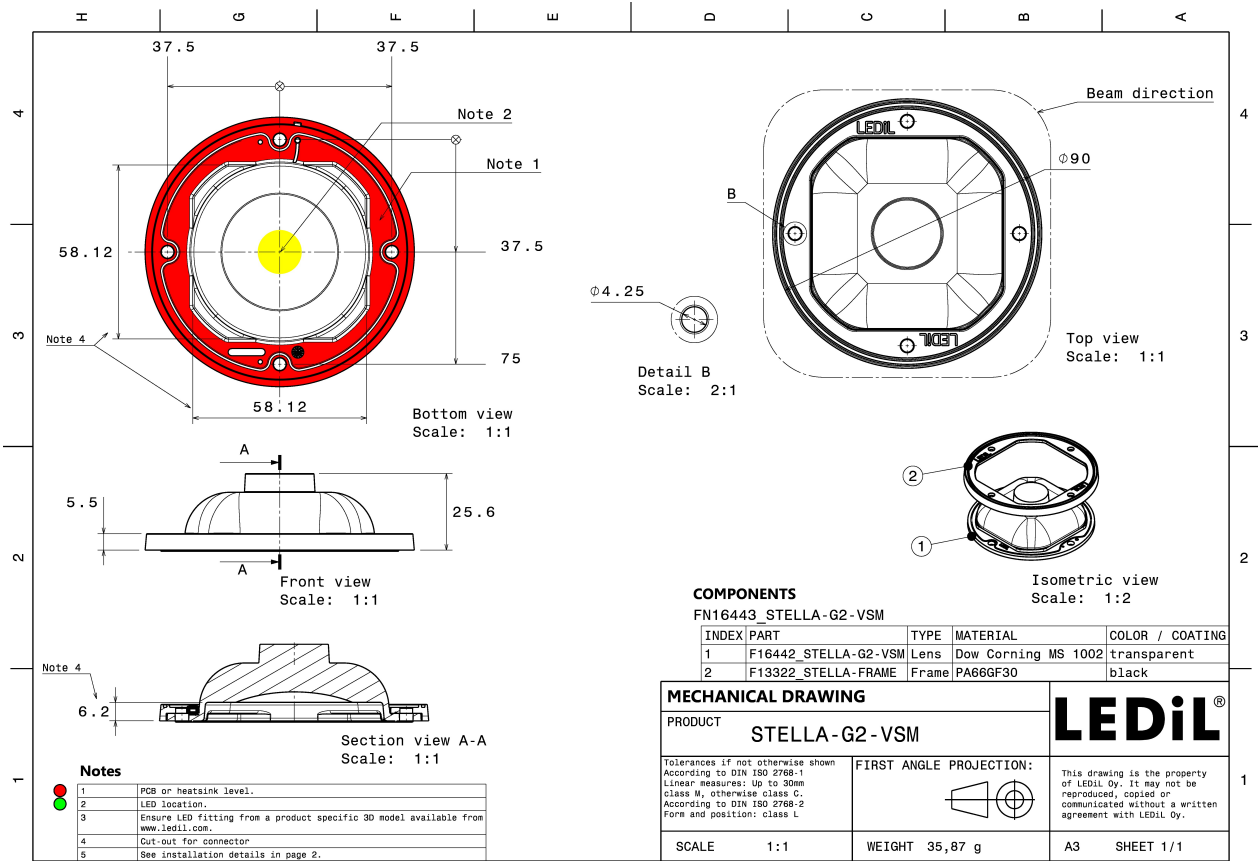


### MATERIALS:

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


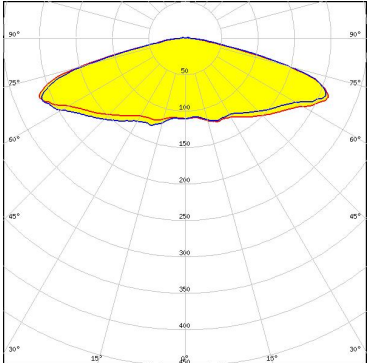

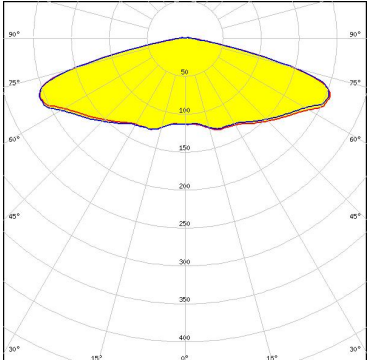

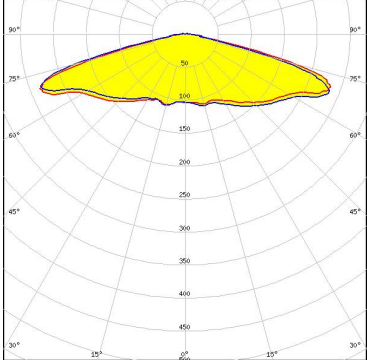
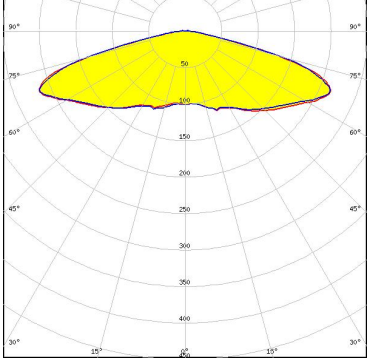
### ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
FN16443_STELLA-G2-VSM » Box size: 480 x 280 x 300 mm	Single lens	135	135	15	7.2



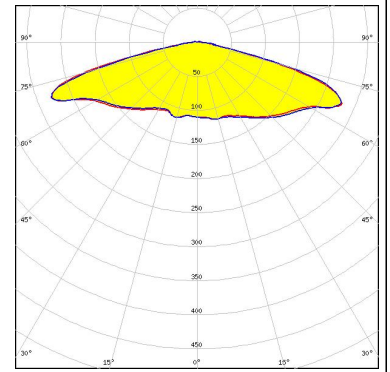
See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):


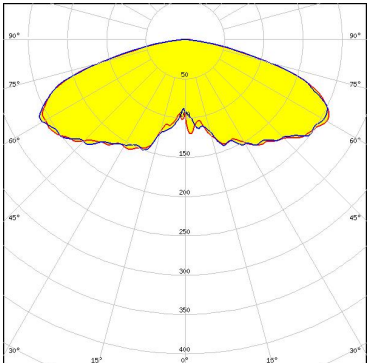
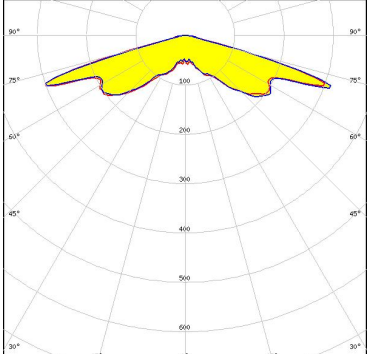
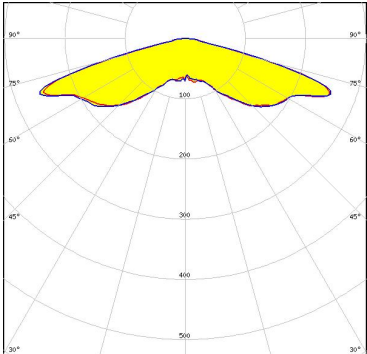

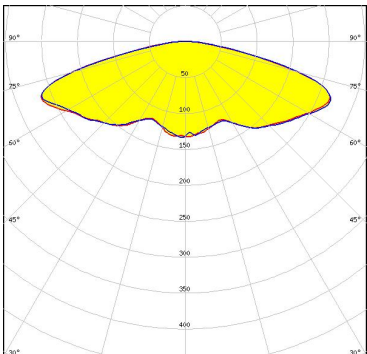
<p></p> <p>LED V22 Gen7            FWHM / FWTM Asymmetric            Efficiency 91 %            Peak intensity 0.3 cd/lm            LEDs/each optic 1            Light colour White            Required components:            Bender Wirth: 431 Typ Z1</p>	
<p></p> <p>LED V22 Gen7            FWHM / FWTM Asymmetric            Efficiency 92 %            Peak intensity 0.3 cd/lm            LEDs/each optic 1            Light colour White            Required components:            TE Connectivity: 2213480-1</p>	
<p></p> <p>LED VERO18            FWHM / FWTM Asymmetric            Efficiency 91 %            Peak intensity 0.3 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>CITIZEN</b></p> <p>LED CLL04x/CLU04x            FWHM / FWTM Asymmetric            Efficiency 90 %            Peak intensity 0.3 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	

### OPTICAL RESULTS (MEASURED):

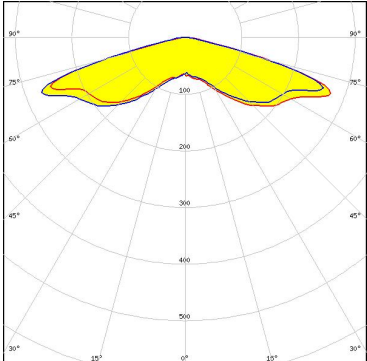
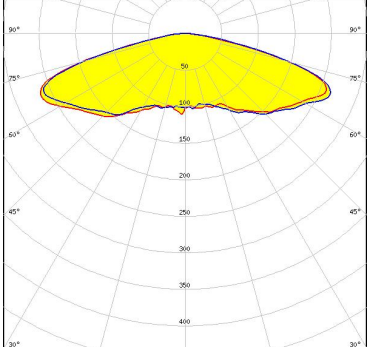
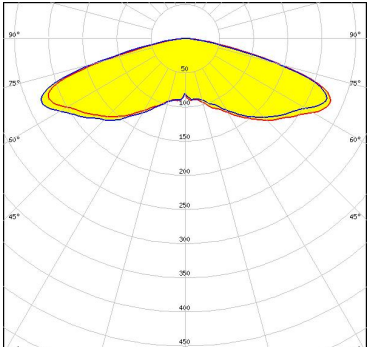
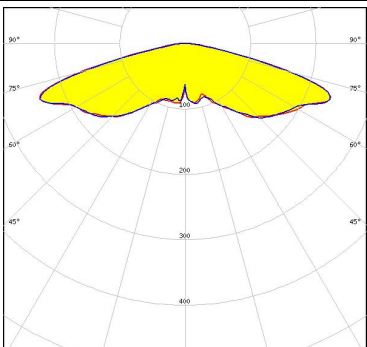
	
LED	LUXEON CoB 1211
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
	Bender Wirth: 431 Typ L3



#### OPTICAL RESULTS (SIMULATED):

<p></p> <p>LED: VERO29            FWHM / FWTM: Asymmetric            Efficiency: 93 %            Peak intensity: 0.2 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>CITIZEN</b></p> <p>LED: CLL02x/CLU02x (LES10)            FWHM / FWTM: Asymmetric            Efficiency: 89 %            Peak intensity: 0.4 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>CITIZEN</b></p> <p>LED: CLL03x/CLU03x            FWHM / FWTM: Asymmetric            Efficiency: 89 %            Peak intensity: 0.4 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p></p> <p>LED: CMA3090            FWHM / FWTM: Asymmetric            Efficiency: 94 %            Peak intensity: 0.3 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	

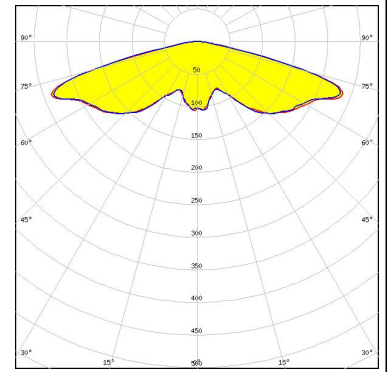
#### OPTICAL RESULTS (SIMULATED):

<p><b>CREE</b> LEDs</p> <p>LED: CMT19xx            FWHM / FWTM: Asymmetric            Efficiency: 93 %            Peak intensity: 0.4 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:            Bender Wirth: 477 Typ Z1</p>	
<p><b>CREE</b> LEDs</p> <p>LED: CMT28xx            FWHM / FWTM: Asymmetric            Efficiency: 89 %            Peak intensity: 0.3 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>CREE</b> LEDs</p> <p>LED: CMT28xx            FWHM / FWTM: Asymmetric            Efficiency: 93 %            Peak intensity: 0.3 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>CREE</b> LEDs</p> <p>LED: CXA/B 25xx            FWHM / FWTM: Asymmetric            Efficiency: 92 %            Peak intensity: 0.3 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	

#### OPTICAL RESULTS (SIMULATED):

#### TRIDONIC

LED	SLE G7 LES17
FWHM / FWTM	Asymmetric
Efficiency	90 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
Bender Wirth: 466 Typ L4	





### 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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#### 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

#### Local sales and technical support

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