

## 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 ⓘ

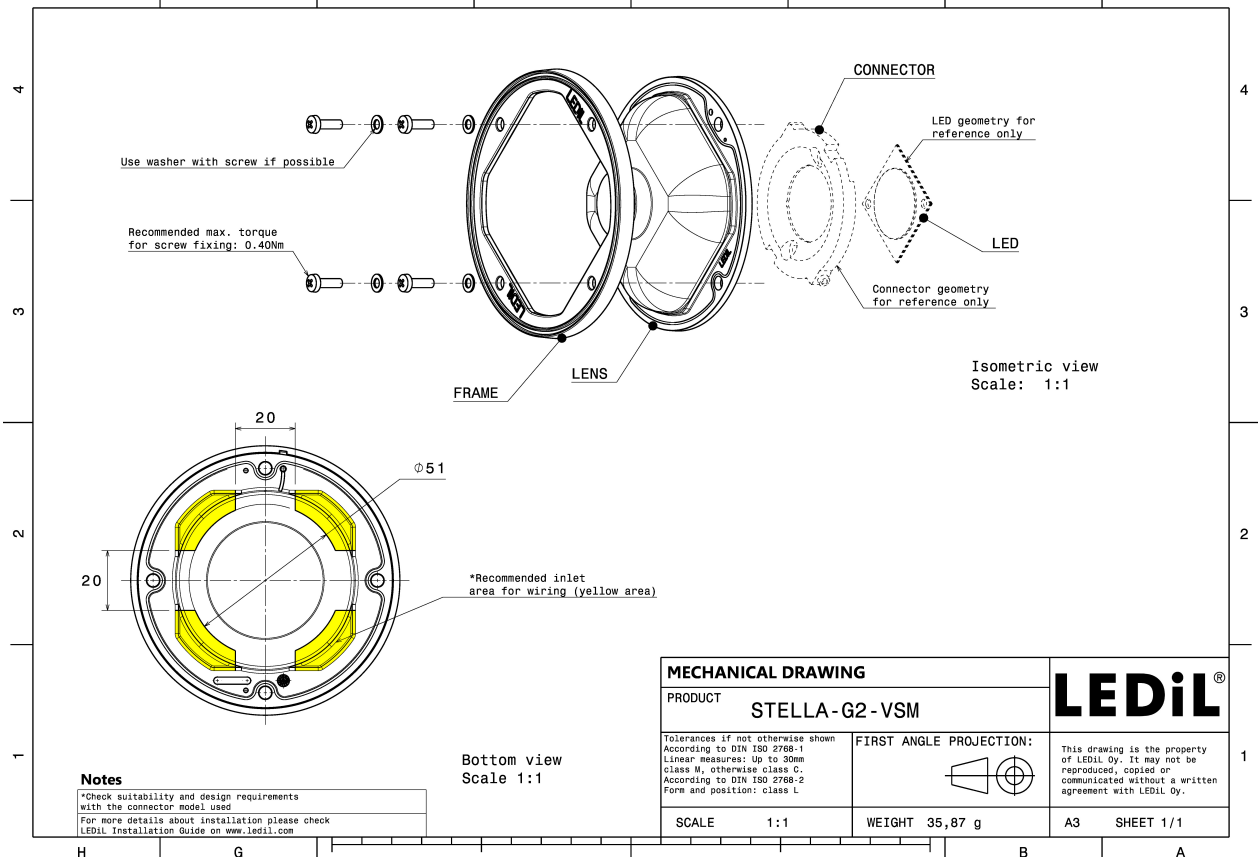
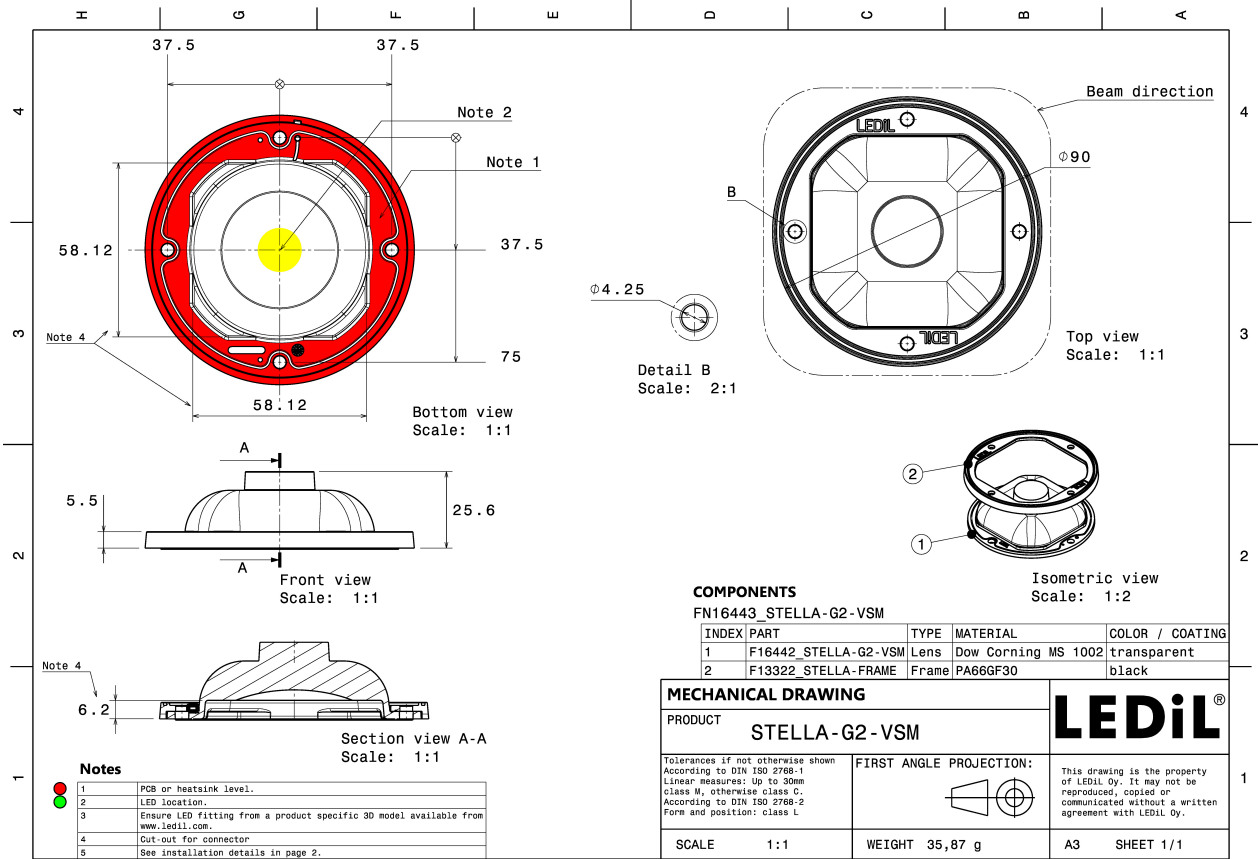


### MATERIALS:

Component	Type	Material	Colour	Finish	Length
STELLA-G2-VSM	Single lens	Silicone	clear		90.0
STELLA-FRAME	Holder	PA66	black		90.0

### ORDERING INFORMATION:

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

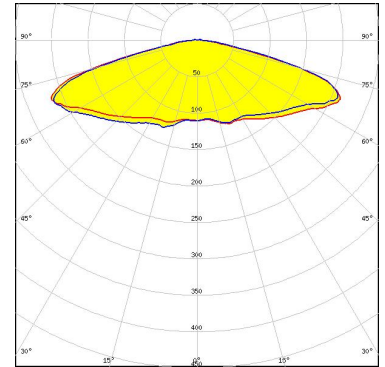


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):

bridgelux

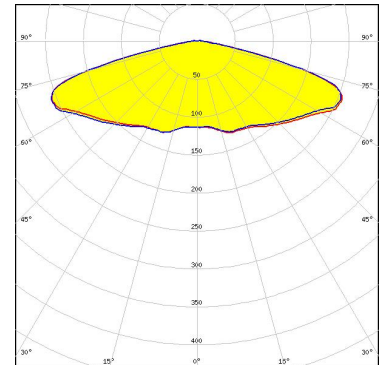
LED V22 Gen7  
FWHM / FWTM Asymmetric  
Efficiency 91 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
Bender Wirth: 431 Typ Z1



Light distribution files

bridgelux

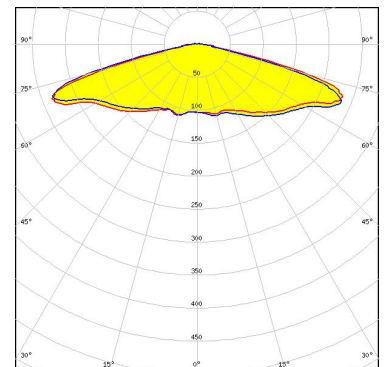
LED V22 Gen7  
FWHM / FWTM Asymmetric  
Efficiency 92 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
TE Connectivity: 2213480-1



Light distribution files

bridgelux

LED VERO18  
FWHM / FWTM Asymmetric  
Efficiency 91 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

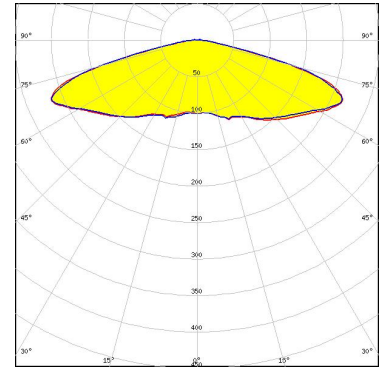


Light distribution files

#### OPTICAL RESULTS (MEASURED):

### CITIZEN

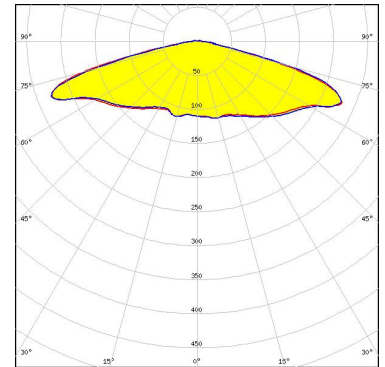
LED CLL04x/CLU04x  
FWHM / FWTM Asymmetric  
Efficiency 90 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

### LUMILEDS

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

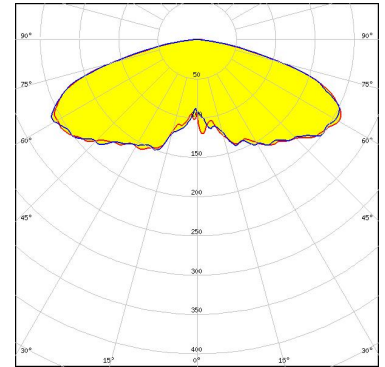


Light distribution files

#### OPTICAL RESULTS (SIMULATED):

bridgelux

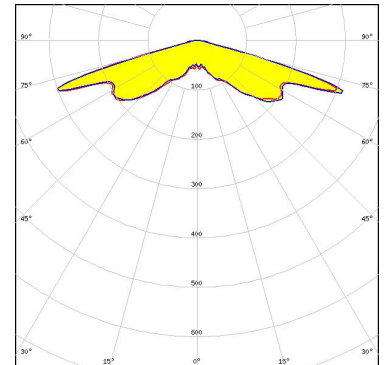
LED VERO29  
FWHM / FWTM Asymmetric  
Efficiency 93 %  
Peak intensity 0.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

#### CITIZEN

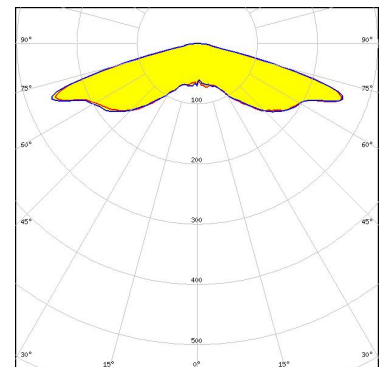
LED CLL02x/CLU02x (LES10)  
FWHM / FWTM Asymmetric  
Efficiency 89 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

#### CITIZEN

LED CLL03x/CLU03x  
FWHM / FWTM Asymmetric  
Efficiency 89 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

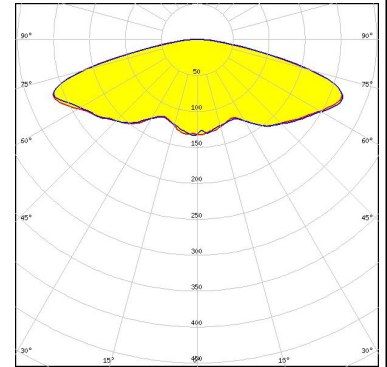


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



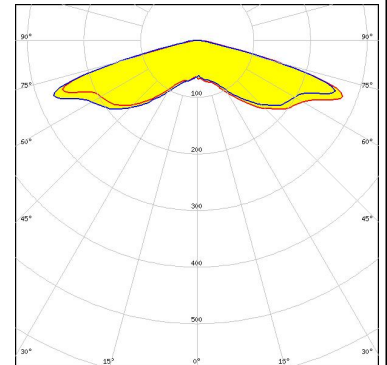
LED CMA3090  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED CMT19xx  
FWHM / FWTM Asymmetric  
Efficiency 93 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

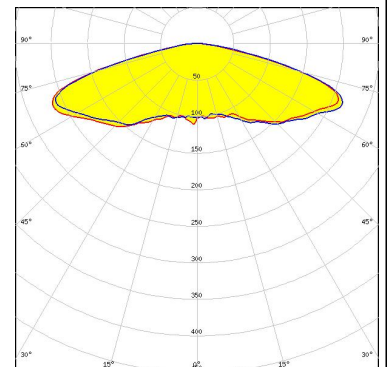


Bender Wirth: 477 Typ Z1

Light distribution files



LED CMT28xx  
FWHM / FWTM Asymmetric  
Efficiency 89 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

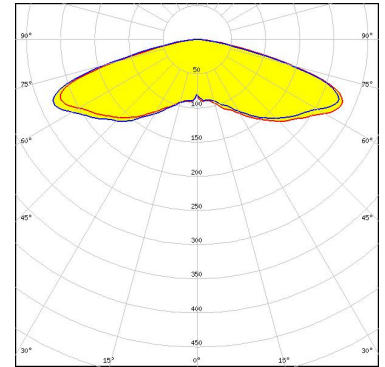


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



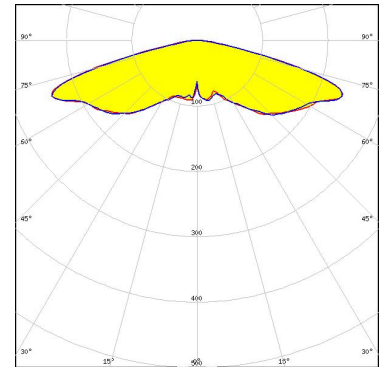
LED CMT28xx  
FWHM / FWTM Asymmetric  
Efficiency 93 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



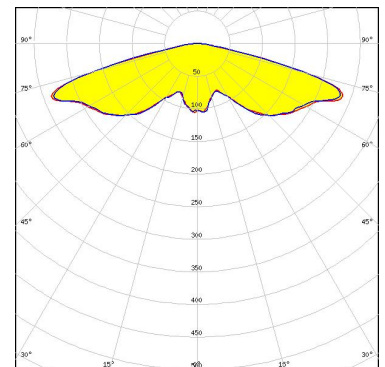
LED CXA/B 25xx  
FWHM / FWTM Asymmetric  
Efficiency 92 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



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



Bender Wirth: 466 Typ L4

Light distribution files



#### 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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