

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 ⓘ

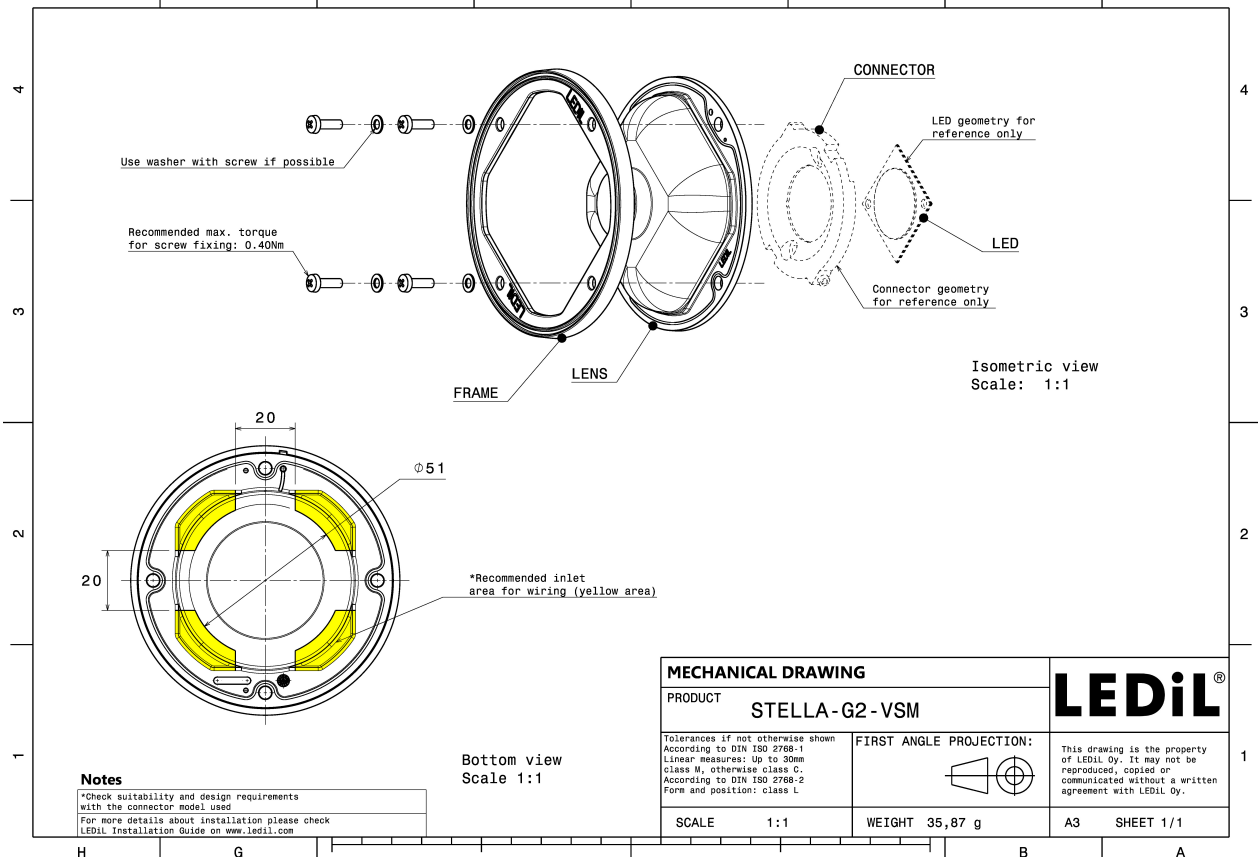
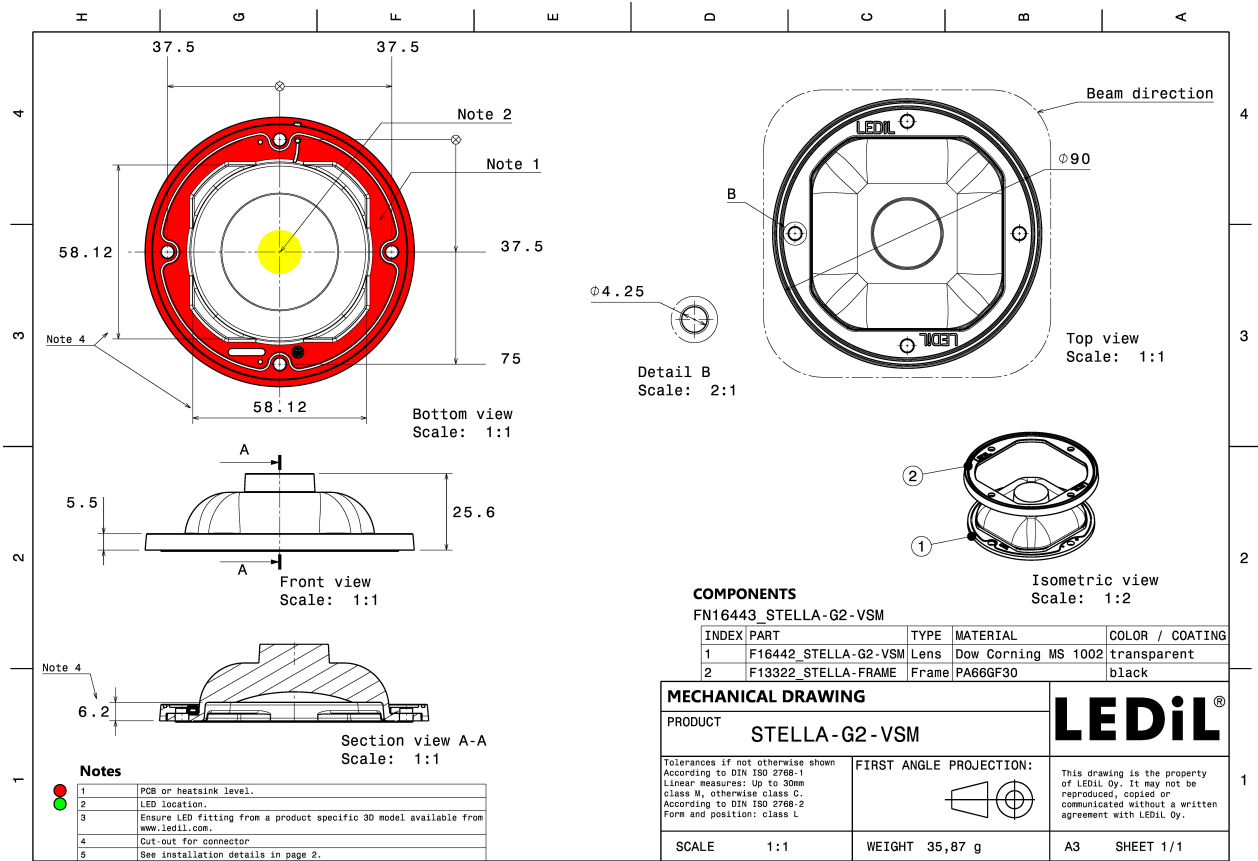


MATERIALS:

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					

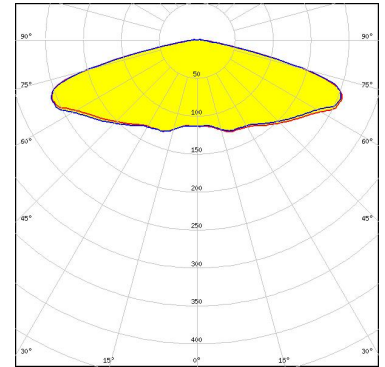


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



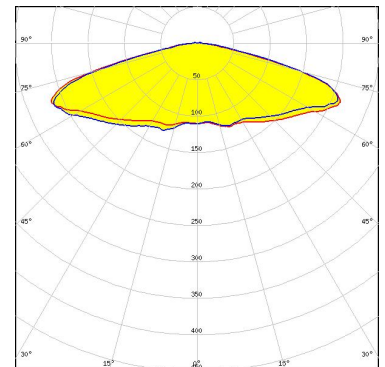
LED V22 Gen7
FWHM / FWTM Asymmetric
Efficiency 92 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
TE Connectivity: 2213480-1



Light distribution files



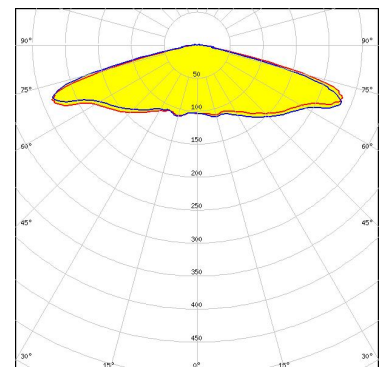
LED V22 Gen7
FWHM / FWTM Asymmetric
Efficiency 91 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
Bender Wirth: 431 Typ Z1



Light distribution files



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

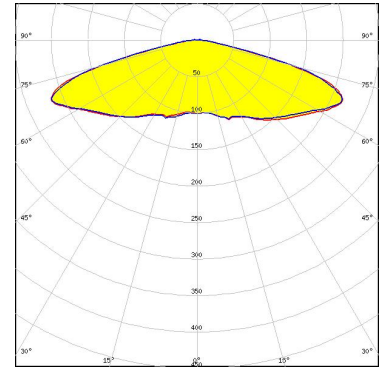


Light distribution files

OPTICAL RESULTS (MEASURED):

CITIZEN

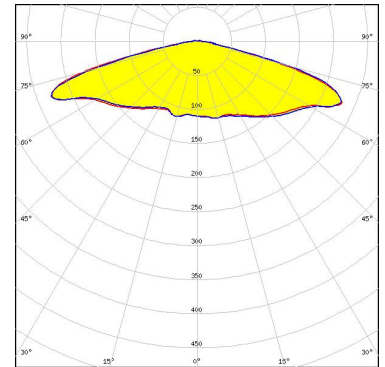
LED CLL04x/CLU04x
FWHM / FWTM Asymmetric
Efficiency 90 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



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

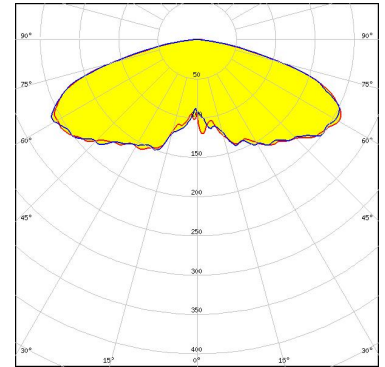


Light distribution files

OPTICAL RESULTS (SIMULATED):

bridgelux

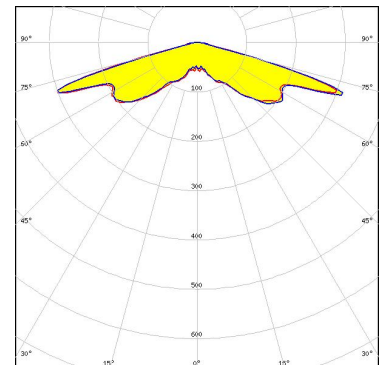
LED VERO29
FWHM / FWTM Asymmetric
Efficiency 93 %
Peak intensity 0.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

CITIZEN

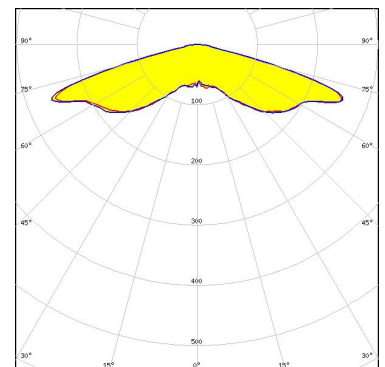
LED CLL02x/CLU02x (LES10)
FWHM / FWTM Asymmetric
Efficiency 89 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



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:

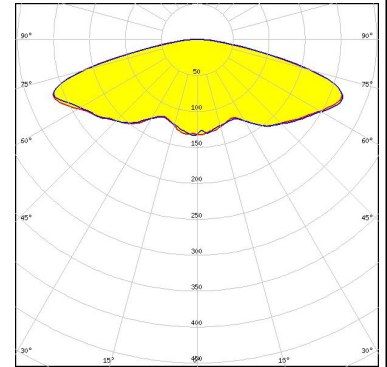


Light distribution files

OPTICAL RESULTS (SIMULATED):



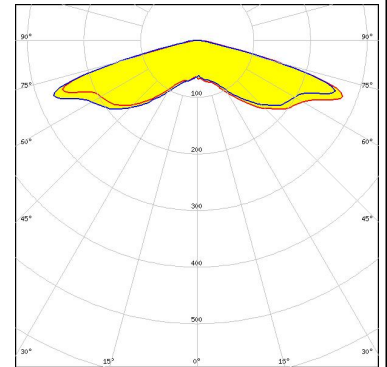
LED CMA3090
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



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:

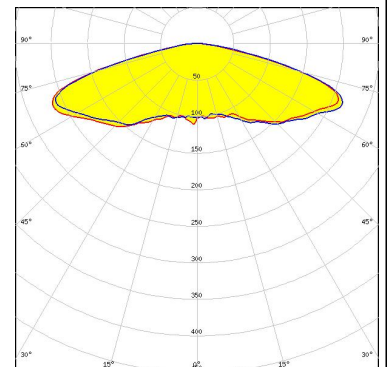


Bender Wirth: 477 Typ Z1

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:

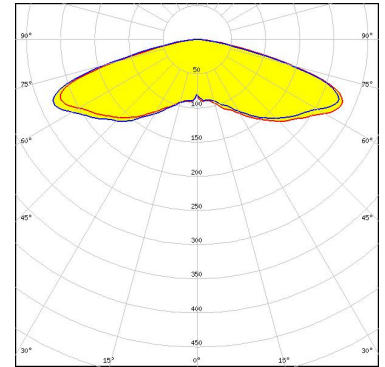


Light distribution files

OPTICAL RESULTS (SIMULATED):



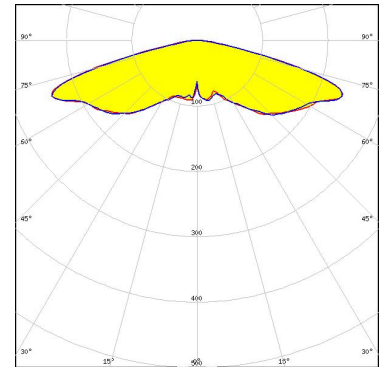
LED CMT28xx
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



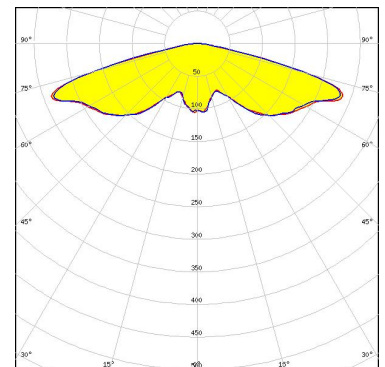
LED CXA/B 25xx
 FWHM / FWTM Asymmetric
 Efficiency 92 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



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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