

STELLA-DWC2

Universal road lighting (IESNA Type II Medium) beam with excellent mixed illuminance and luminance uniformity. White version. Compatible with up to 23 mm LES size COBs.

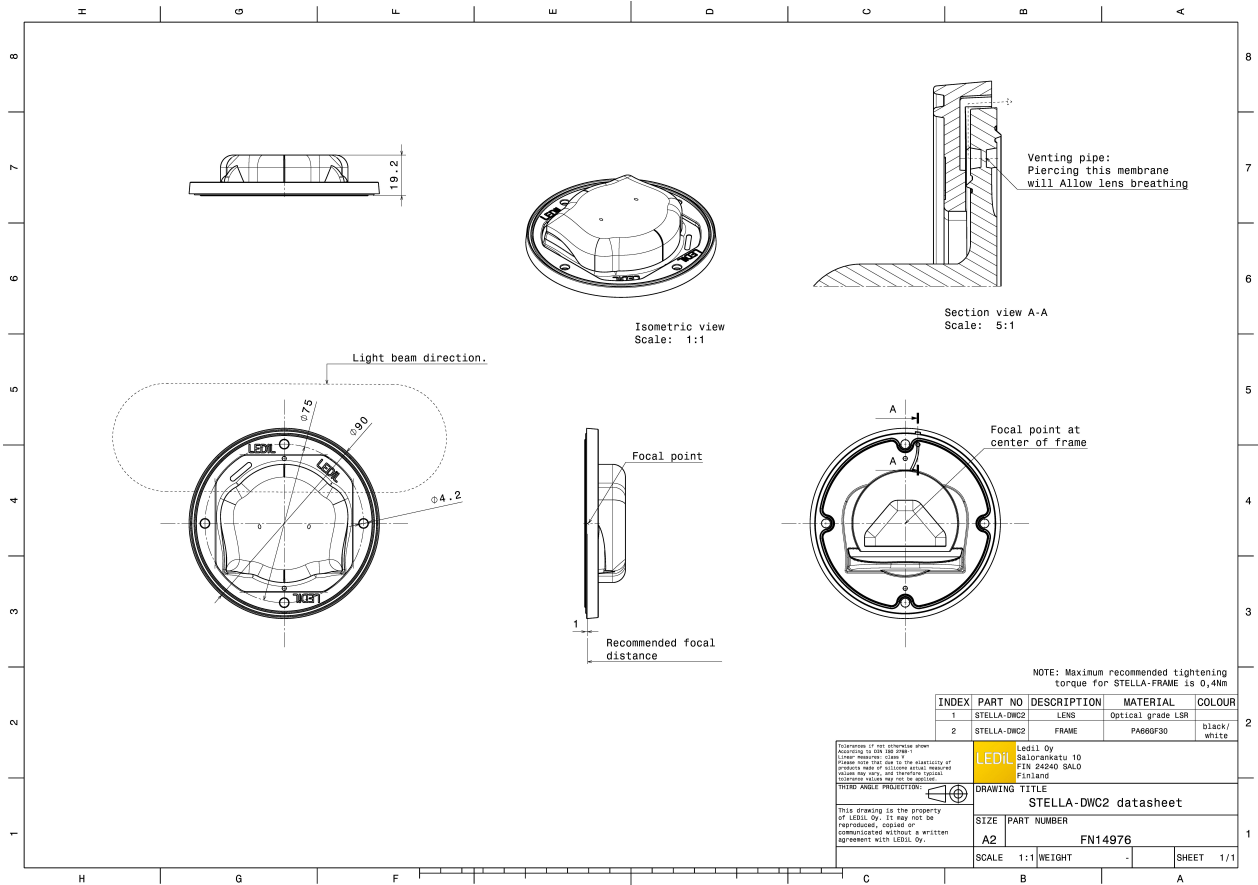
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 90.0 mm
Height	19.3 mm
Fastening	screw
Colour	white
Box size	480 x 280 x 300 mm
Box weight	7.1 kg
Quantity in Box	135 pcs
ROHS compliant	yes ⓘ

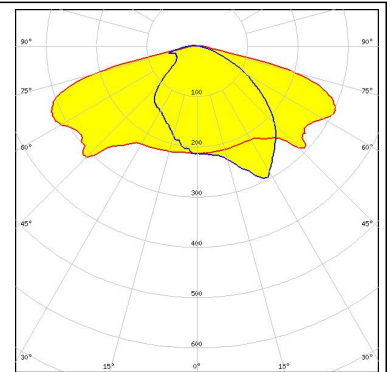
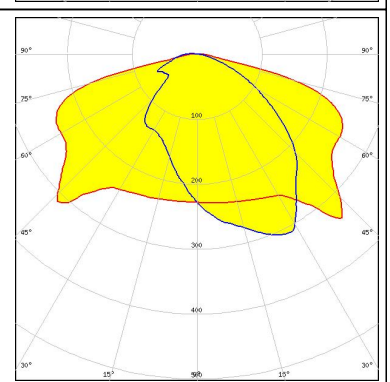
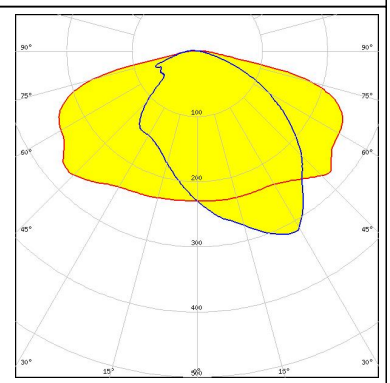
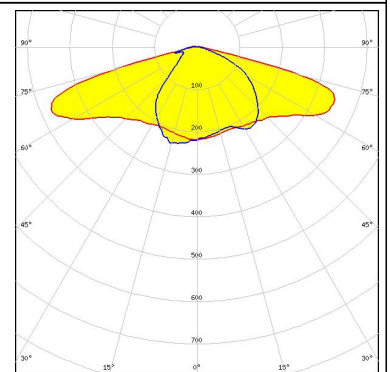


MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
STELLA-DWC2	Lens	Silicone	clear
STELLA-FRAME-WHT	Holder	PA66	white



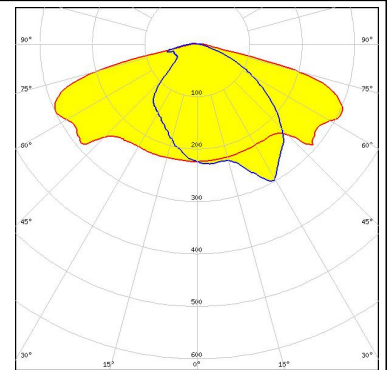
PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED V18 Gen7 FWHM Asymmetric Efficiency 89 % Peak intensity 0.400 cd/lm Required components:</p>	
<p>bridgelux.</p> <p>LED V22 Gen7 FWHM Asymmetric Efficiency 89 % Peak intensity 0.380 cd/lm Required components: Bender Wirth: 431 Typ Z1</p>	
<p>bridgelux.</p> <p>LED V22 Gen7 FWHM Asymmetric Efficiency 92 % Peak intensity 0.330 cd/lm Required components: TE: 2213480-1</p>	
<p>bridgelux.</p> <p>LED Vero SE 13 FWHM Asymmetric Efficiency 91 % Peak intensity 0.590 cd/lm Required components:</p>	

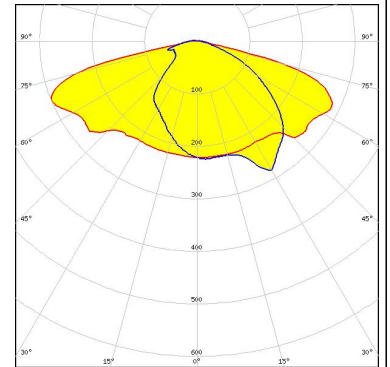
PHOTOMETRIC DATA (MEASURED):



LED Vero SE 18
 FWHM Asymmetric
 Efficiency 92 %
 Peak intensity 0.450 cd/lm
 Required components:

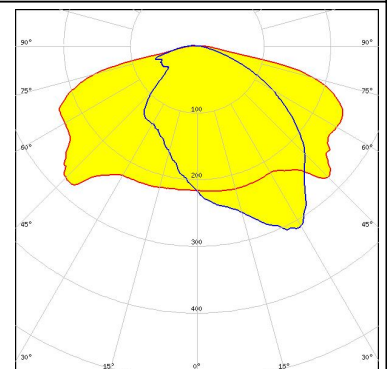


LED VERO18
 FWHM Asymmetric
 Efficiency 90 %
 Peak intensity 0.410 cd/lm
 Required components:

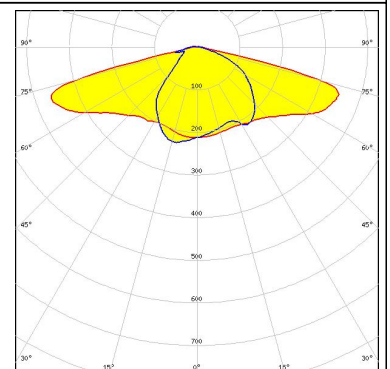


CITIZEN

LED CLL04x/CLU04x
 FWHM Asymmetric
 Efficiency 89 %
 Peak intensity 0.350 cd/lm
 Required components:



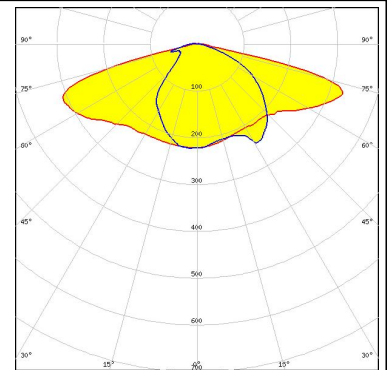
LED CXA/B 1816 & CXA/B 1820 & CXA 1850
 FWHM Asymmetric
 Efficiency 89 %
 Peak intensity 0.600 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

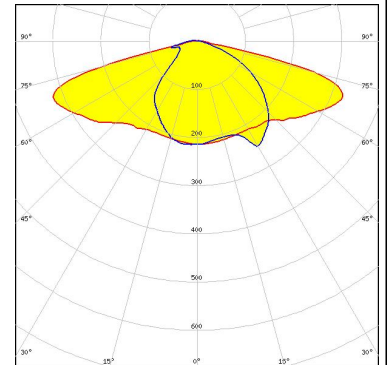
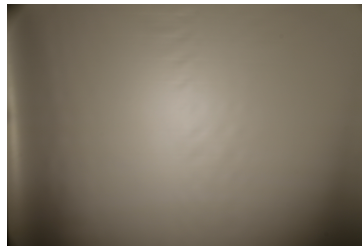


LED COB J-Type
FWHM Asymmetric
Efficiency 90 %
Peak intensity 0.560 cd/lm
Required components:



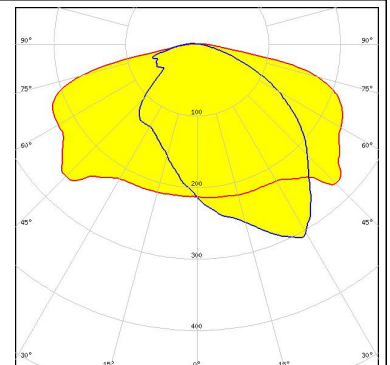
SAMSUNG

LED COB D Series LES 14.5 mm
FWHM Asymmetric
Efficiency 89 %
Peak intensity 0.520 cd/lm
Required components:



SAMSUNG


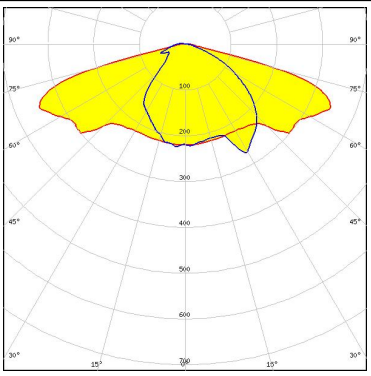

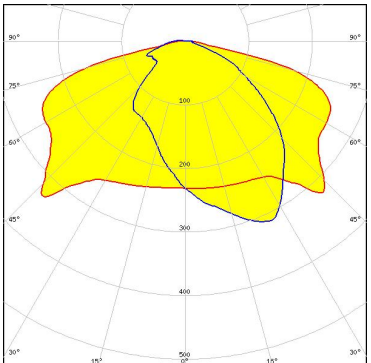
LED COB D Series LES 22 mm
FWHM Asymmetric
Efficiency 89 %
Peak intensity 0.340 cd/lm
Required components:




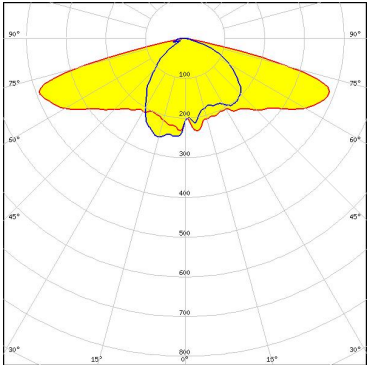

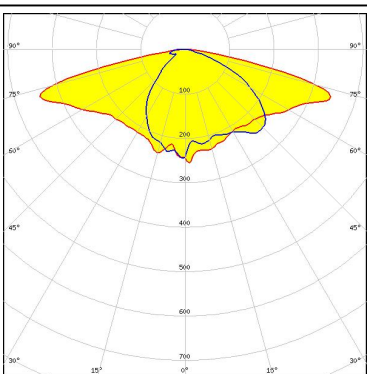

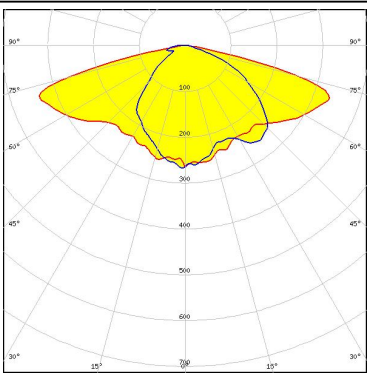

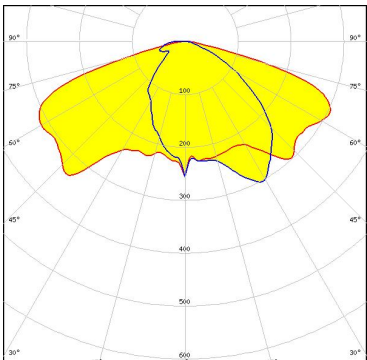
SEOUL SEMICONDUCTOR

LED MJT COB LES 14.5
FWHM Asymmetric
Efficiency 89 %
Peak intensity 0.500 cd/lm
Required components:

PHOTOMETRIC DATA (MEASURED):

<p> SEUL SEMICONDUCTOR</p> <p>LED MJT COB LES 14.5</p> <p>FWHM Asymmetric</p> <p>Efficiency 91 %</p> <p>Peak intensity 0.500 cd/lm</p> <p>Required components: Bender Wirth: 433 Typ Z1</p>	
<p> SEUL SEMICONDUCTOR</p> <p>LED MJT COB LES 22</p> <p>FWHM Asymmetric</p> <p>Efficiency 91 %</p> <p>Peak intensity 0.370 cd/lm</p> <p>Required components: Bender Wirth: 431 Typ Z1</p>	

PHOTOMETRIC DATA (SIMULATED):

<p> bridgelux</p> <p>LED V10 Gen7 FWHM Asymmetric Efficiency 89 % Peak intensity 0.530 cd/lm Required components: Bender Wirth: 486 Typ L1</p>	
<p> bridgelux</p> <p>LED V13 Gen7 FWHM Asymmetric Efficiency 93 % Peak intensity 0.000 cd/lm Required components:</p>	
<p> bridgelux</p> <p>LED V13 Gen7 FWHM Asymmetric Efficiency 94 % Peak intensity 0.497 cd/lm Required components: Bender Wirth: 477 Typ Z1</p>	
<p> CREE</p> <p>LED CXA/B 25xx FWHM Asymmetric Efficiency 89 % Peak intensity 0.430 cd/lm Required components:</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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