



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## STELLA-DWC2

Universal road lighting (IESNA Type II Medium) beam with excellent mixed illuminance and luminance uniformity. White version. Compatible with up to 30 mm LES size COBs.

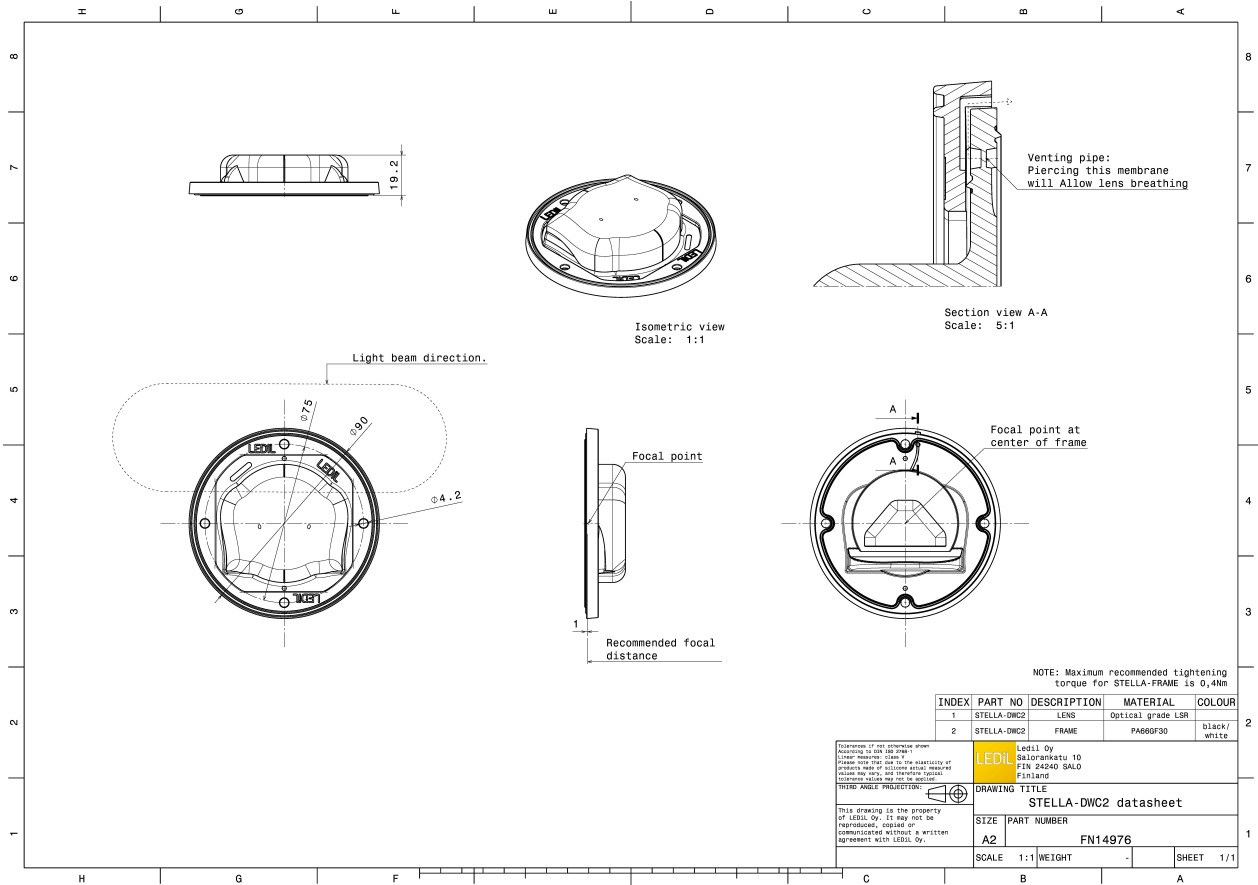
### TECHNICAL SPECIFICATIONS:

|                 |                    |
|-----------------|--------------------|
| 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:

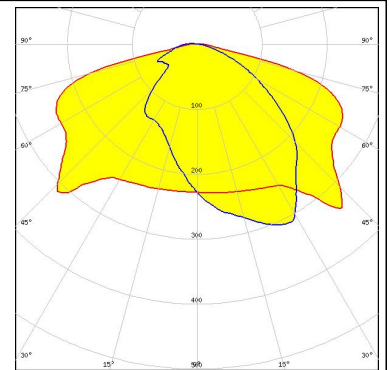
| Component        | Type   | Material | Colour |
|------------------|--------|----------|--------|
| STELLA-DWC2      | Lens   | Silicone | clear  |
| STELLA-FRAME-WHT | Holder | PA66     | white  |



#### PHOTOMETRIC DATA (MEASURED):

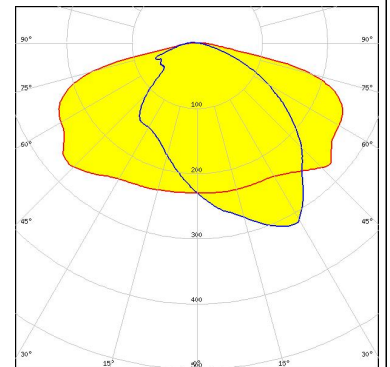
bridgelux.

LED V22 Gen7  
FWHM Asymmetric  
Efficiency 89 %  
Peak intensity 0.380 cd/lm  
Required components:  
Bender Wirth: 431 Typ Z1



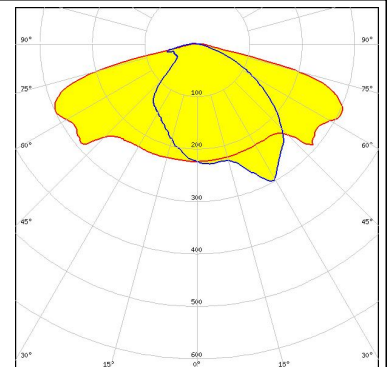
bridgelux.

LED V22 Gen7  
FWHM Asymmetric  
Efficiency 92 %  
Peak intensity 0.330 cd/lm  
Required components:  
TE: 2213480-1



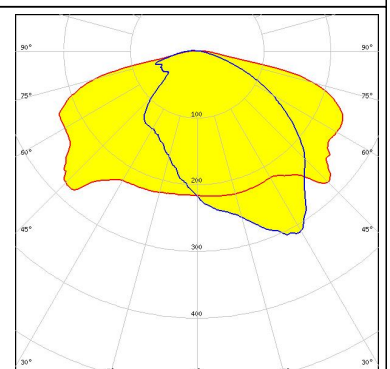
bridgelux.

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



## CITIZEN

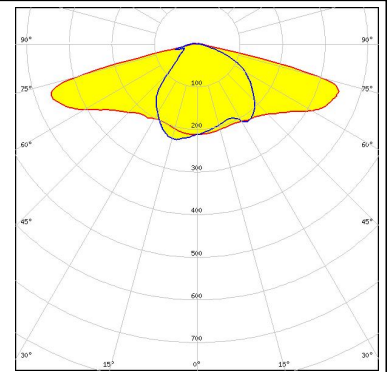
LED CLL04x/CLU04x  
FWHM Asymmetric  
Efficiency 89 %  
Peak intensity 0.350 cd/lm  
Required components:



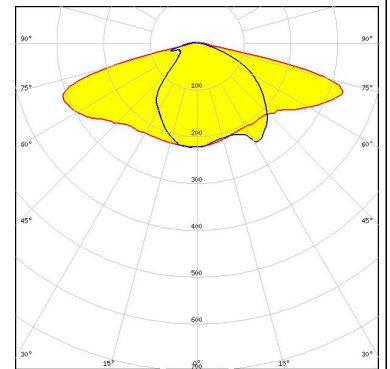
#### PHOTOMETRIC DATA (MEASURED):



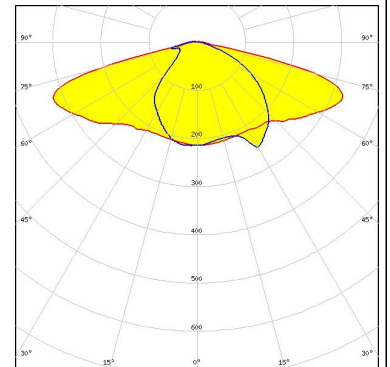
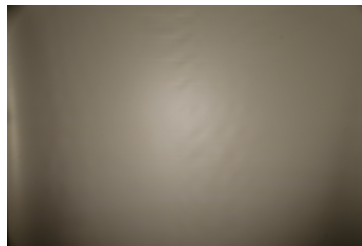
LED CXA/B 1816 & CXA/B 1820 & CXA 1850  
FWHM Asymmetric  
Efficiency 89 %  
Peak intensity 0.600 cd/lm  
Required components:



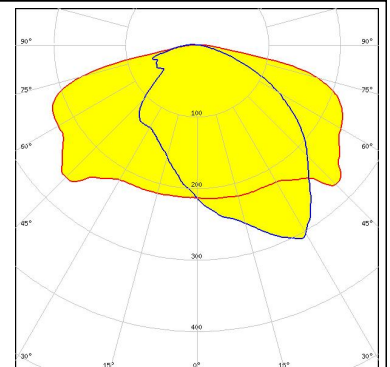
LED COB J-Type  
FWHM Asymmetric  
Efficiency 90 %  
Peak intensity 0.560 cd/lm  
Required components:





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




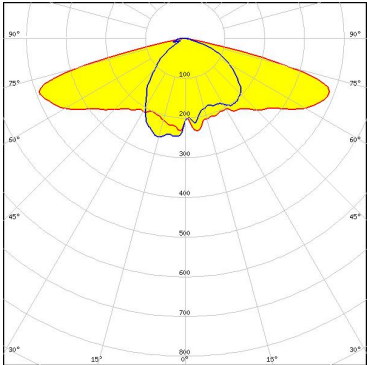

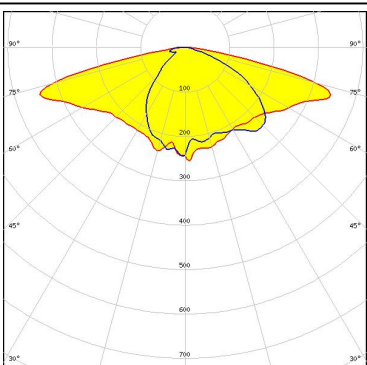

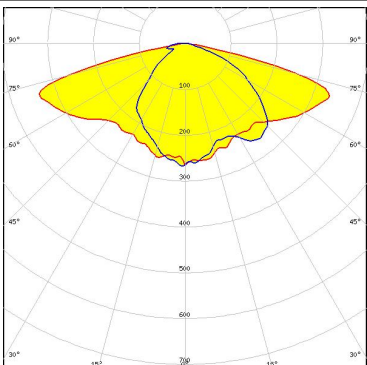

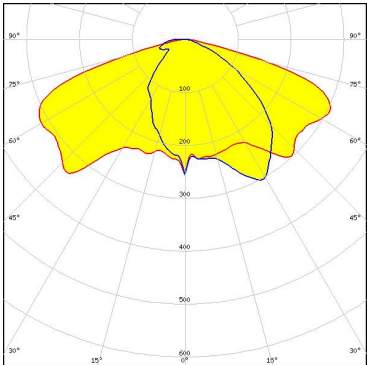
LED COB D Series LES 22 mm  
FWHM Asymmetric  
Efficiency 89 %  
Peak intensity 0.340 cd/lm  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

|  |  |  |
|--|--|--|
| <br>SEOUL SEMICONDUCTOR | LED MJT COB LES 14.5<br>FWHM Asymmetric<br>Efficiency 89 %<br>Peak intensity 0.500 cd/lm<br>Required components:                             |  |
| <br>SEOUL SEMICONDUCTOR | LED MJT COB LES 14.5<br>FWHM Asymmetric<br>Efficiency 91 %<br>Peak intensity 0.500 cd/lm<br>Required components:<br>Bender Wirth: 433 Typ Z1 |  |

#### PHOTOMETRIC DATA (SIMULATED):

|  |   |
|--|---|
| <p> <b>bridgelux</b></p> <p>LED V10 Gen7<br/>           FWHM Asymmetric<br/>           Efficiency 89 %<br/>           Peak intensity 0.530 cd/lm<br/>           Required components:<br/>           Bender Wirth: 434 Typ Z1</p>   |    |
| <p> <b>bridgelux</b></p> <p>LED V13 Gen7<br/>           FWHM Asymmetric<br/>           Efficiency 93 %<br/>           Peak intensity 0.000 cd/lm<br/>           Required components:</p>   |   |
| <p> <b>bridgelux</b></p> <p>LED V13 Gen7<br/>           FWHM Asymmetric<br/>           Efficiency 94 %<br/>           Peak intensity 0.497 cd/lm<br/>           Required components:<br/>           Bender Wirth: 477 Typ Z1</p> |  |
| <p> <b>CREE</b></p> <p>LED CXA/B 25xx<br/>           FWHM Asymmetric<br/>           Efficiency 89 %<br/>           Peak intensity 0.430 cd/lm<br/>           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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