

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.

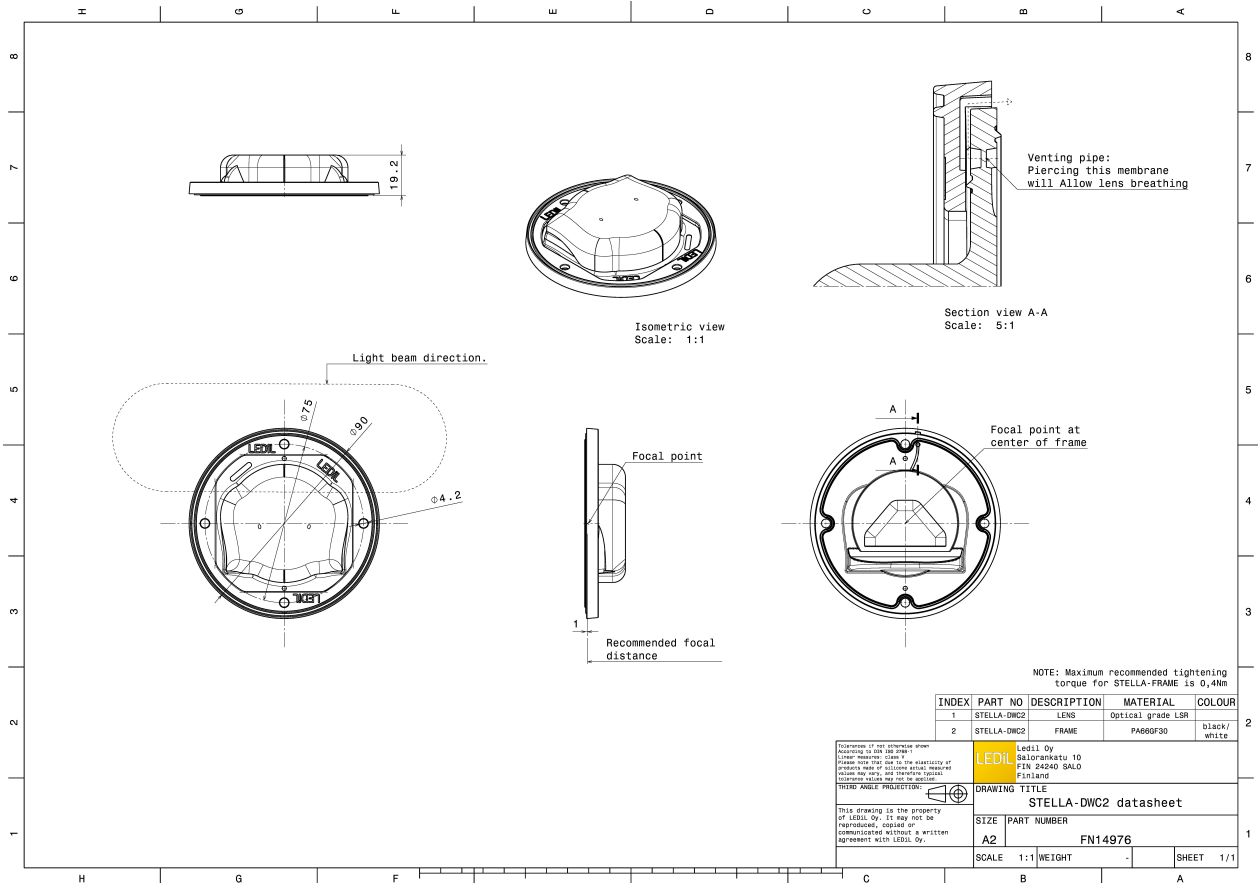
TECHNICAL SPECIFICATIONS:

| | |
|-----------------|--------------------|
| 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 ⓘ |

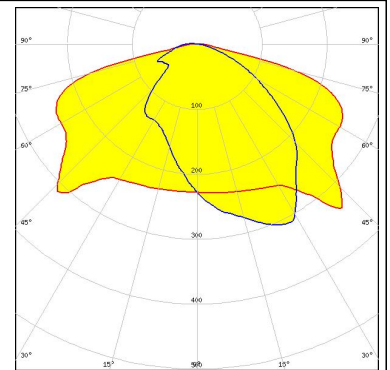
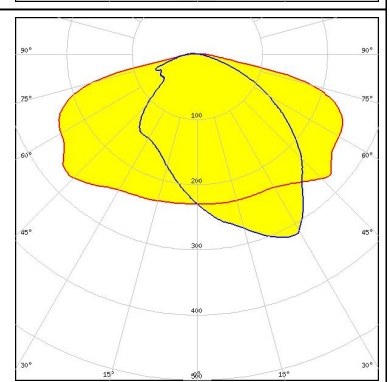
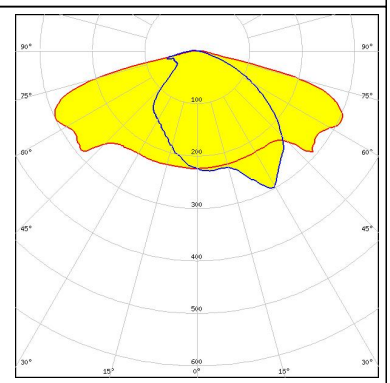
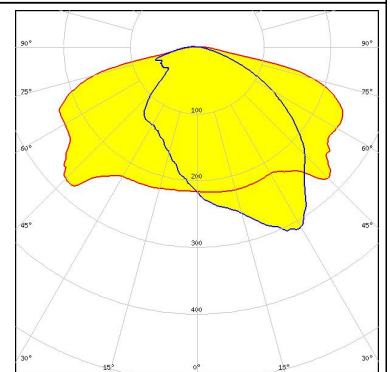


MATERIAL SPECIFICATIONS:

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



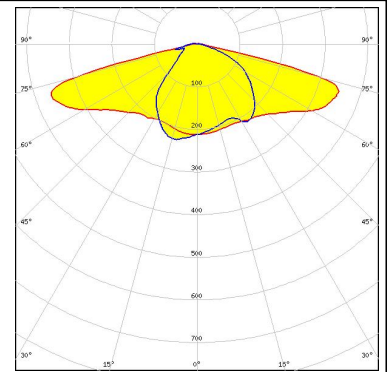
PHOTOMETRIC DATA (MEASURED):

| | |
|--|---|
| <p>bridgelux.</p> <p>LED V22 Gen7</p> <p>FWHM Asymmetric</p> <p>Efficiency 89 %</p> <p>Peak intensity 0.380 cd/lm</p> <p>Required components: Bender Wirth: 431 Typ Z1</p> |  |
| <p>bridgelux.</p> <p>LED V22 Gen7</p> <p>FWHM Asymmetric</p> <p>Efficiency 92 %</p> <p>Peak intensity 0.330 cd/lm</p> <p>Required components: TE: 2213480-1</p> |  |
| <p>bridgelux.</p> <p>LED Vero SE 18</p> <p>FWHM Asymmetric</p> <p>Efficiency 92 %</p> <p>Peak intensity 0.450 cd/lm</p> <p>Required components:</p> |  |
| <p>CITIZEN</p> <p>LED CLL04x/CLU04x</p> <p>FWHM Asymmetric</p> <p>Efficiency 89 %</p> <p>Peak intensity 0.350 cd/lm</p> <p>Required components:</p> |  |

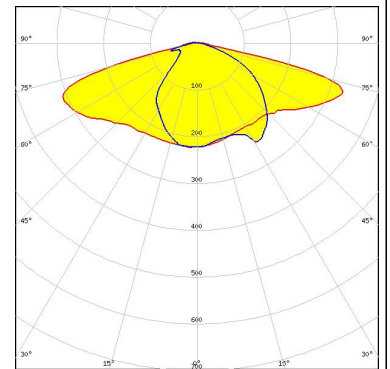
PHOTOMETRIC DATA (MEASURED):



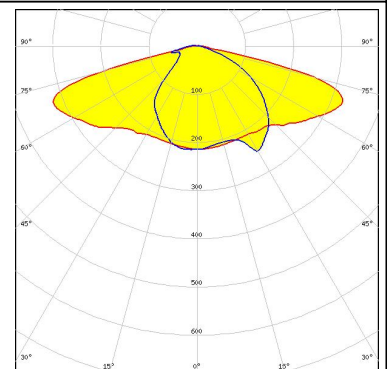
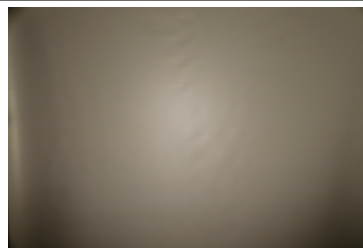
LED CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM Asymmetric
Efficiency 89 %
Peak intensity 0.600 cd/lm
Required components:



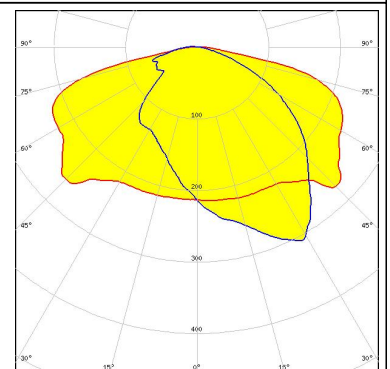
LED COB J-Type
FWHM Asymmetric
Efficiency 90 %
Peak intensity 0.560 cd/lm
Required components:





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




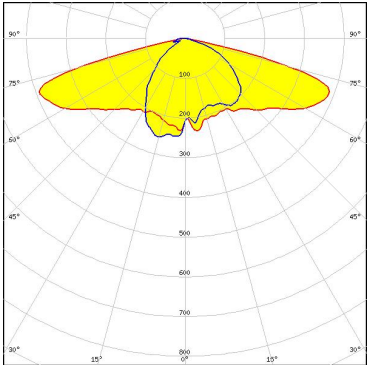

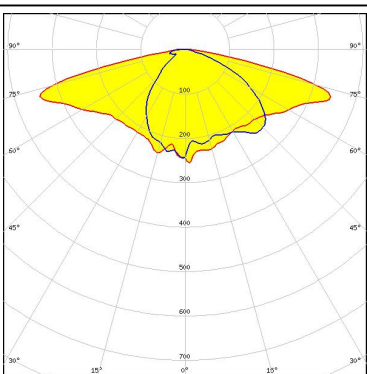

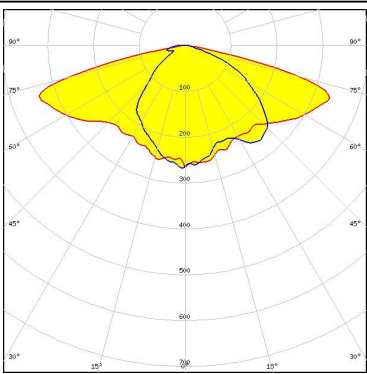

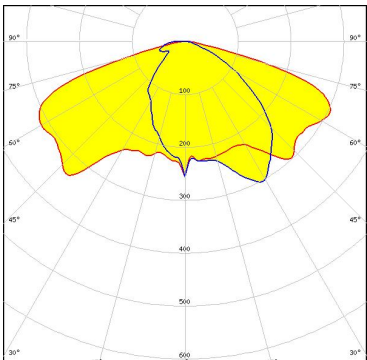
LED COB D Series LES 22 mm
FWHM Asymmetric
Efficiency 89 %
Peak intensity 0.340 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

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

PHOTOMETRIC DATA (SIMULATED):

| | |
|--|---|
| <p> bridgelux</p> <p>LED V10 Gen7 FWHM Asymmetric Efficiency 89 % Peak intensity 0.530 cd/lm Required components: Bender Wirth: 434 Typ Z1</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.

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