

## CARMEN-SS-C

~12° spot beam. Assembly with holder C compatible with LEDiL HEKLA. Updated version.

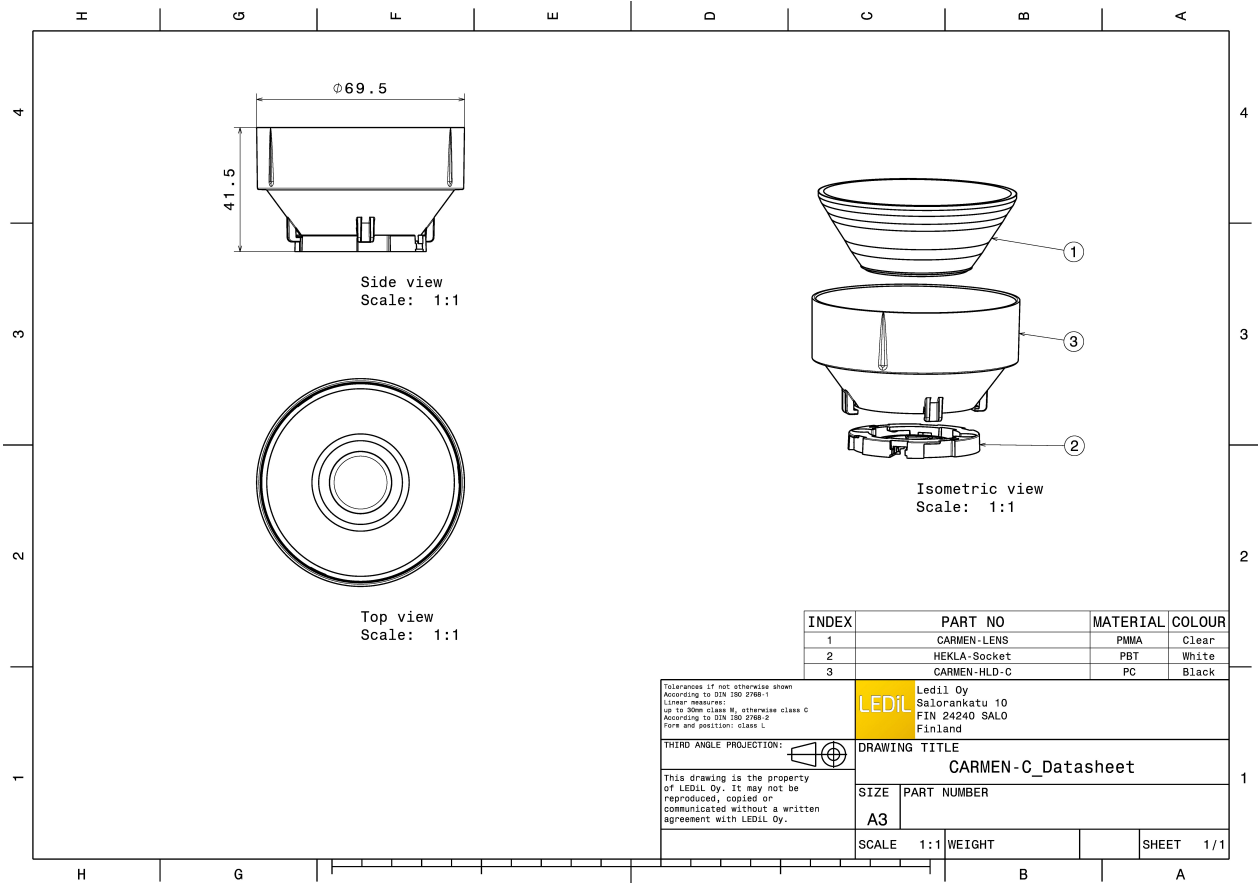
### TECHNICAL SPECIFICATIONS:

|                 |                    |
|-----------------|--------------------|
| Dimensions      | Ø 69.5 mm          |
| Height          | 41.5 mm            |
| Fastening       | socket             |
| Colour          |                    |
| Box size        | 480 x 280 x 300 mm |
| Box weight      | 8.4 kg             |
| Quantity in Box | 150 pcs            |
| ROHS compliant  | yes ⓘ              |



### MATERIAL SPECIFICATIONS:

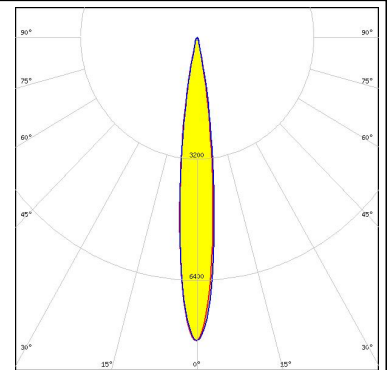
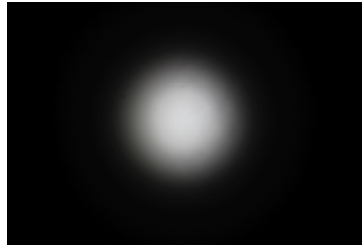
| Component    | Type   | Material | Colour |
|--------------|--------|----------|--------|
| CARMEN-SS    | Lens   | PMMA     | clear  |
| CARMEN-HLD-C | Holder | PC       | black  |



#### PHOTOMETRIC DATA (MEASURED):

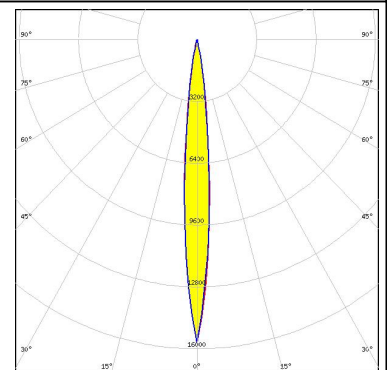
#### CITIZEN

LED CLL02x/CLU02x (LES10)  
FWHM 13.0°  
Efficiency 61 %  
Peak intensity 8.000 cd/lm  
Required components:  
F15255\_HEKLA-SOCKET-C



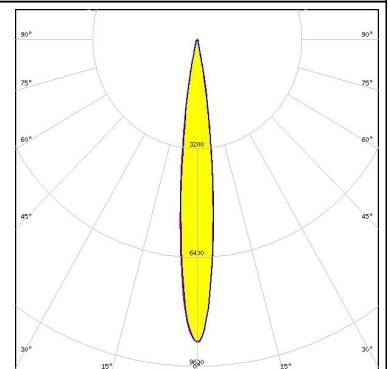
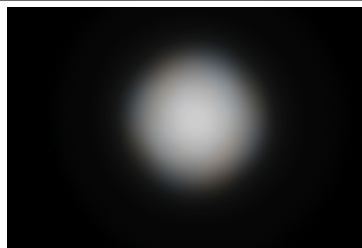
#### CITIZEN

LED CLU700/701  
FWHM 10.0°  
Efficiency 64 %  
Peak intensity 13.900 cd/lm  
Required components:  
F15255\_HEKLA-SOCKET-C



#### LUMINUS

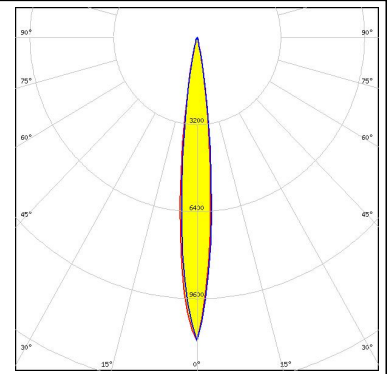
LED CDM-9 (Dim-To-Warm)  
FWHM 13.0°  
Efficiency 60 %  
Peak intensity 8.900 cd/lm  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 490 Typ L8



#### PHOTOMETRIC DATA (SIMULATED):



LED CXA/B 15xx  
FWHM 12.0°  
Efficiency 68 %  
Peak intensity 11.100 cd/lm  
Required components:  
F15256\_HEKLA-SOCKET-D



#### 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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#### Shipping locations

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Hong Kong, China

#### Distribution Partners

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