

## CARMEN-W-B

~55° wide beam. Assembly with holder B compatible with Ø40 mm BJB connectors.

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 69.5 mm
Height	36.3 mm
Fastening	socket
ROHS compliant	yes ⓘ

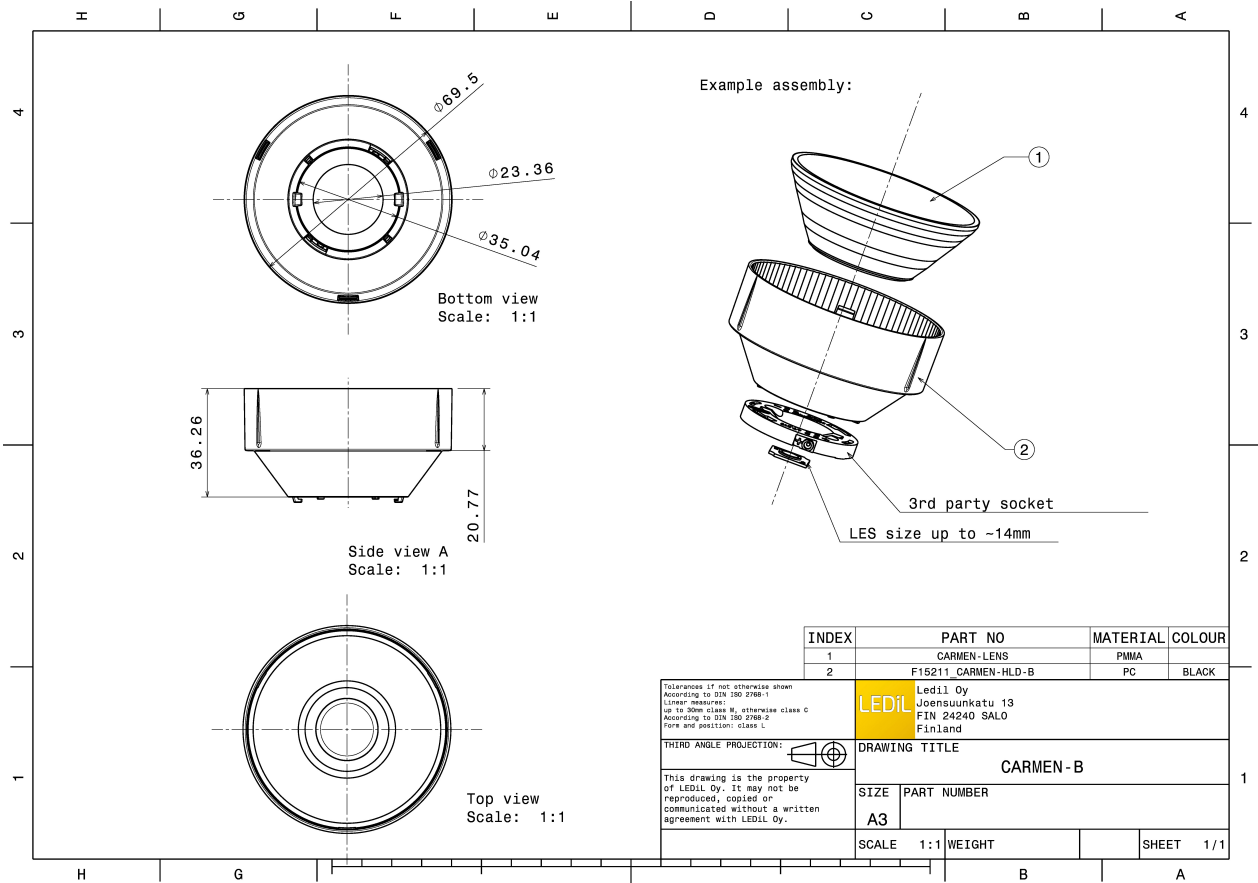
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
CARMEN-W	Single lens	PMMA		
CARMEN-HLD-B	Holder	PC		


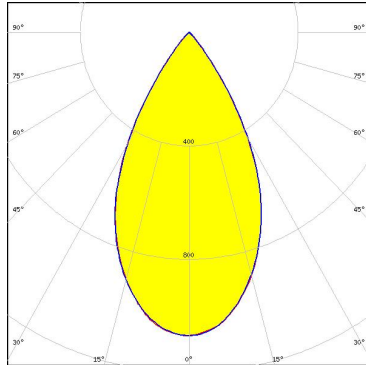
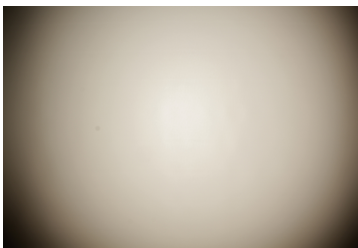
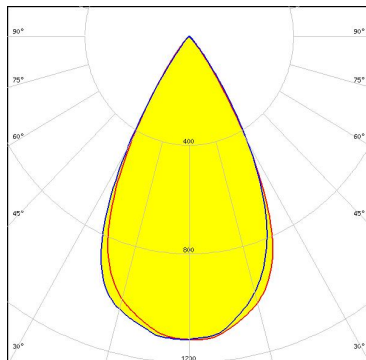

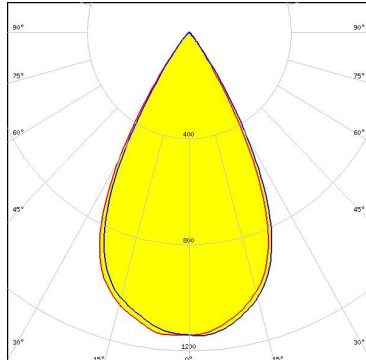
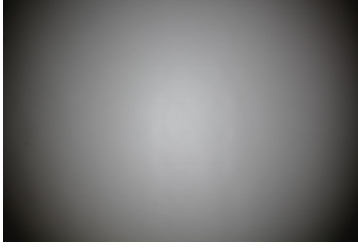
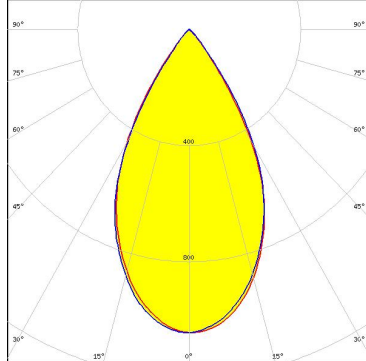


### ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CP15313_CARMEN-W-B » Box size: 476 x 273 x 292 mm	Single lens	150	150	15	6.0



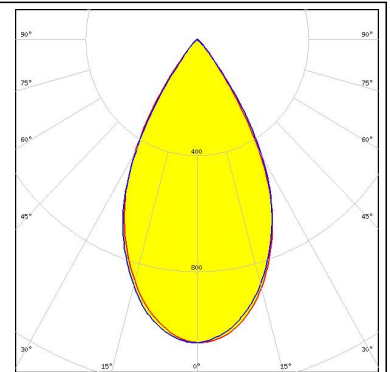
#### PHOTOMETRIC DATA (MEASURED):

<p><b>bridgelux</b></p> <p>LED V10 Gen7            FWHM 55.0°            Efficiency 81 %            Peak intensity 1.100 cd/lm            LEDs/each optic 1            Light colour White            Required components:            BJB: 47.319.6060</p>		
<p><b>CITIZEN</b></p> <p>LED CLU700/701/702            FWHM 56.0°            Efficiency 86 %            Peak intensity 1.100 cd/lm            LEDs/each optic 1            Light colour White            Required components:            BJB: 47.319.6060</p>		
<p><b>CREE</b></p> <p>LED CXA/B 13xx            FWHM 57.0°            Efficiency 89 %            Peak intensity 1.100 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>SAMSUNG</b></p> <p>LED COB D Series LES 9.8 mm            FWHM 56.0°            Efficiency 82 %            Peak intensity 1.040 cd/lm            LEDs/each optic 1            Light colour White            Required components:            A.A.G. STUCCHI: 8100/G2</p>		

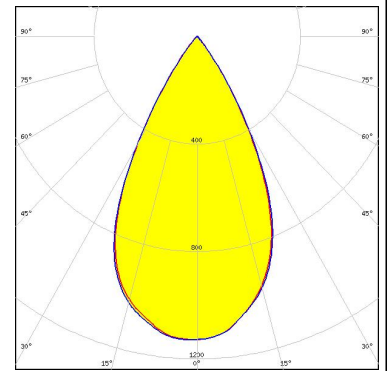
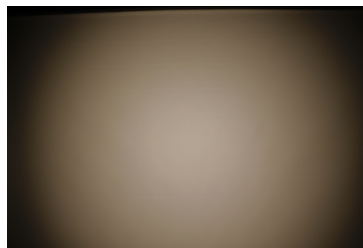
#### PHOTOMETRIC DATA (MEASURED):

### SAMSUNG

LED COB D Series LES 9.8 mm  
FWHM 56.0°  
Efficiency 82 %  
Peak intensity 1.040 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
BJB: 47.319.6060



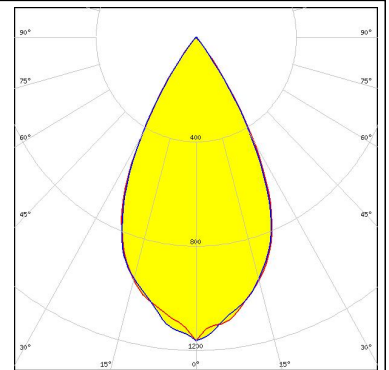
LED MJT COB LES 6  
FWHM 55.0°  
Efficiency 84 %  
Peak intensity 1.100 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
BJB: 47.319.6060



#### PHOTOMETRIC DATA (SIMULATED):

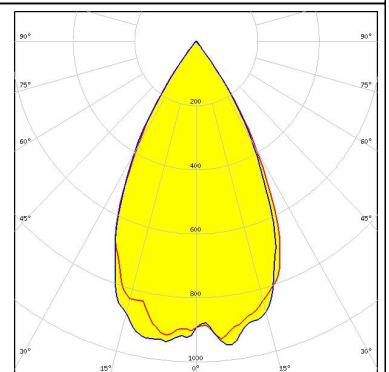
#### CITIZEN

LED CLL02x/CLU02x (LES10)  
FWHM 55.0°  
Efficiency 82 %  
Peak intensity 1.200 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
BJB: 47.319.6060



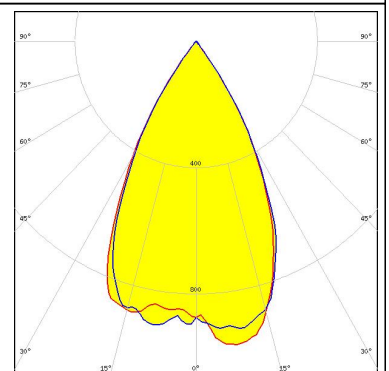
#### CITIZEN

LED CLL02x/CLU02x (LES10)  
FWHM 55.0°  
Efficiency 73 %  
Peak intensity 0.960 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### CREE

LED CXA/B 15xx  
FWHM 53.0°  
Efficiency 73 %  
Peak intensity 0.969 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### 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

Salo, Finland  
Hong Kong, China

#### Distribution Partners

[www.ledil.com/where\\_to\\_buy](http://www.ledil.com/where_to_buy)

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<http://moschip.ru/get-element>

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Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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