

### CARMEN-W-B

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

#### SPECIFICATION:

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

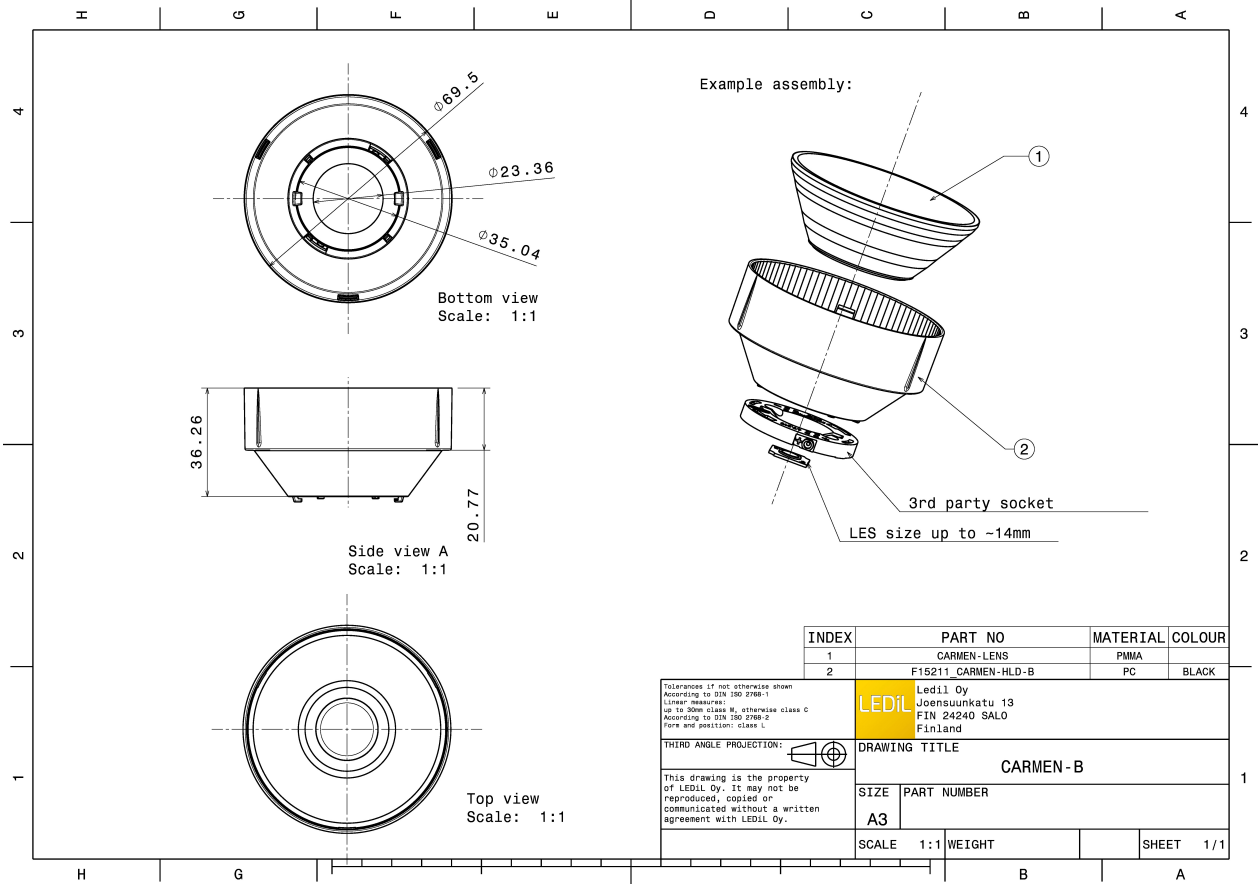


#### MATERIALS:

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


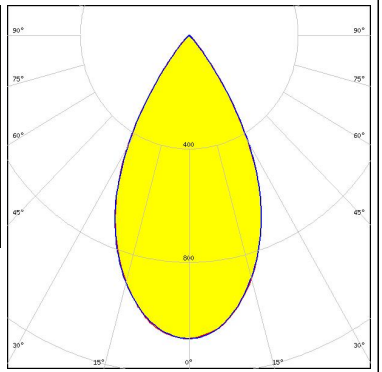

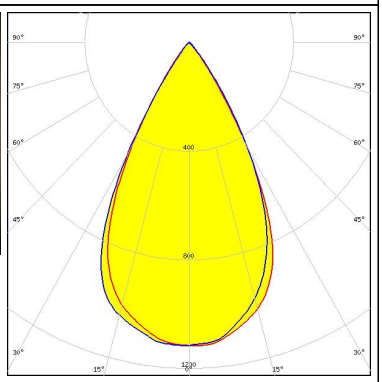

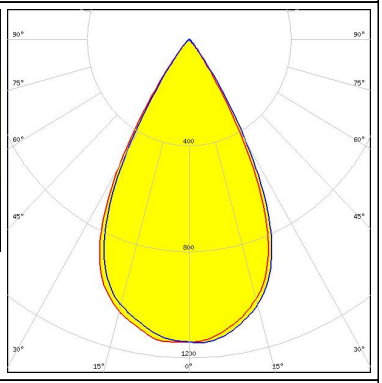
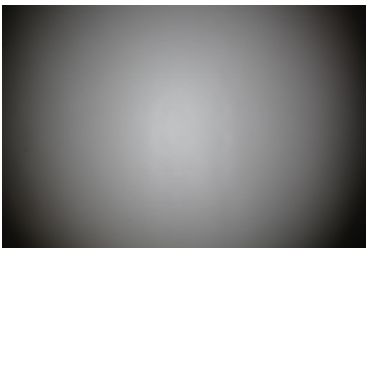
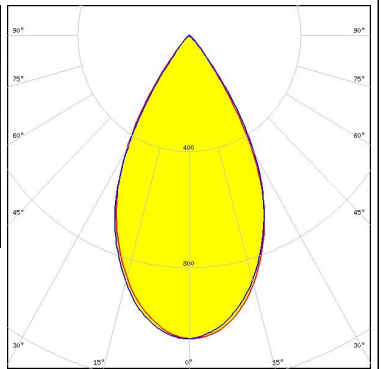
#### ORDERING INFORMATION:

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



See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

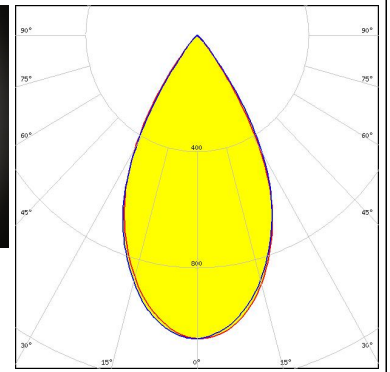
### OPTICAL RESULTS (MEASURED):

<p><b>bridgelux</b></p> <p>LED V10 Gen7            FWHM / FWTM 55.0° / 79.0°            Efficiency 81 %            Peak intensity 1.1 cd/lm            LEDs/each optic 1            Light colour White            Required components:            BJB: 47.319.6060</p>		
<p><b>CITIZEN</b></p> <p>LED CLU700/701/702/703            FWHM / FWTM 56.0° / 75.0°            Efficiency 86 %            Peak intensity 1.1 cd/lm            LEDs/each optic 1            Light colour White            Required components:            BJB: 47.319.6060</p>		
<p><b>CREE LEDs</b></p> <p>LED CXA/B 13xx            FWHM / FWTM 57.0° / 74.0°            Efficiency 89 %            Peak intensity 1.1 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>SAMSUNG</b></p> <p>LED LC003D / LC006D / LC009D / LC013D            FWHM / FWTM 56.0° / 78.0°            Efficiency 82 %            Peak intensity 1 cd/lm            LEDs/each optic 1            Light colour White            Required components:            A.A.G. STUCCHI: 8100-G2</p>		

**OPTICAL RESULTS (MEASURED):**

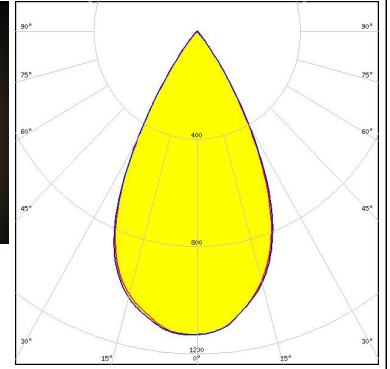
## SAMSUNG

LED LC003D / LC006D / LC009D / LC013D  
 FWHM / FWTM 56.0° / 78.0°  
 Efficiency 82 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 BJB: 47.319.6060



SEOUL SEMICONDUCTOR

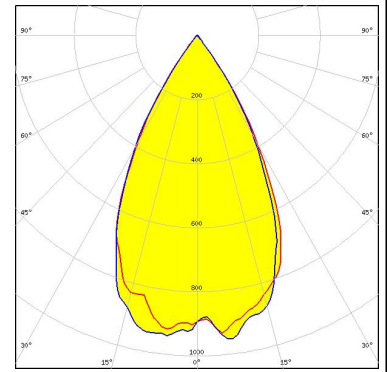
LED MJT COB LES 6  
 FWHM / FWTM 55.0° / 75.0°  
 Efficiency 84 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 BJB: 47.319.6060



#### OPTICAL RESULTS (SIMULATED):

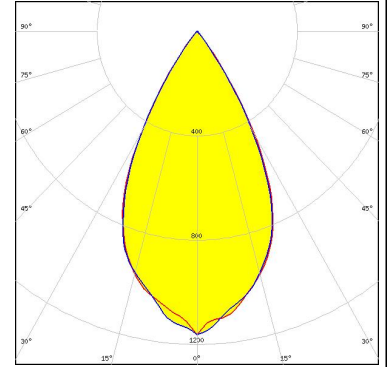
### CITIZEN

LED CLL02x/CLU02x (LES10)  
 FWHM / FWTM 55.0° / 75.0°  
 Efficiency 73 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

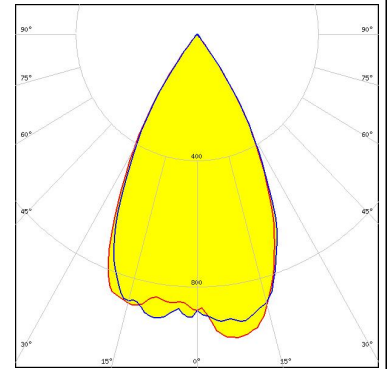


### CITIZEN

LED CLL02x/CLU02x (LES10)  
 FWHM / FWTM 55.0° / 74.0°  
 Efficiency 82 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 BJB: 47.319.6060



LED CXA/B 15xx  
 FWHM / FWTM 53.0° / 73.0°  
 Efficiency 73 %  
 Peak intensity 1 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.

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