

## CARMEN-M-B

~35° medium 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 ⓘ

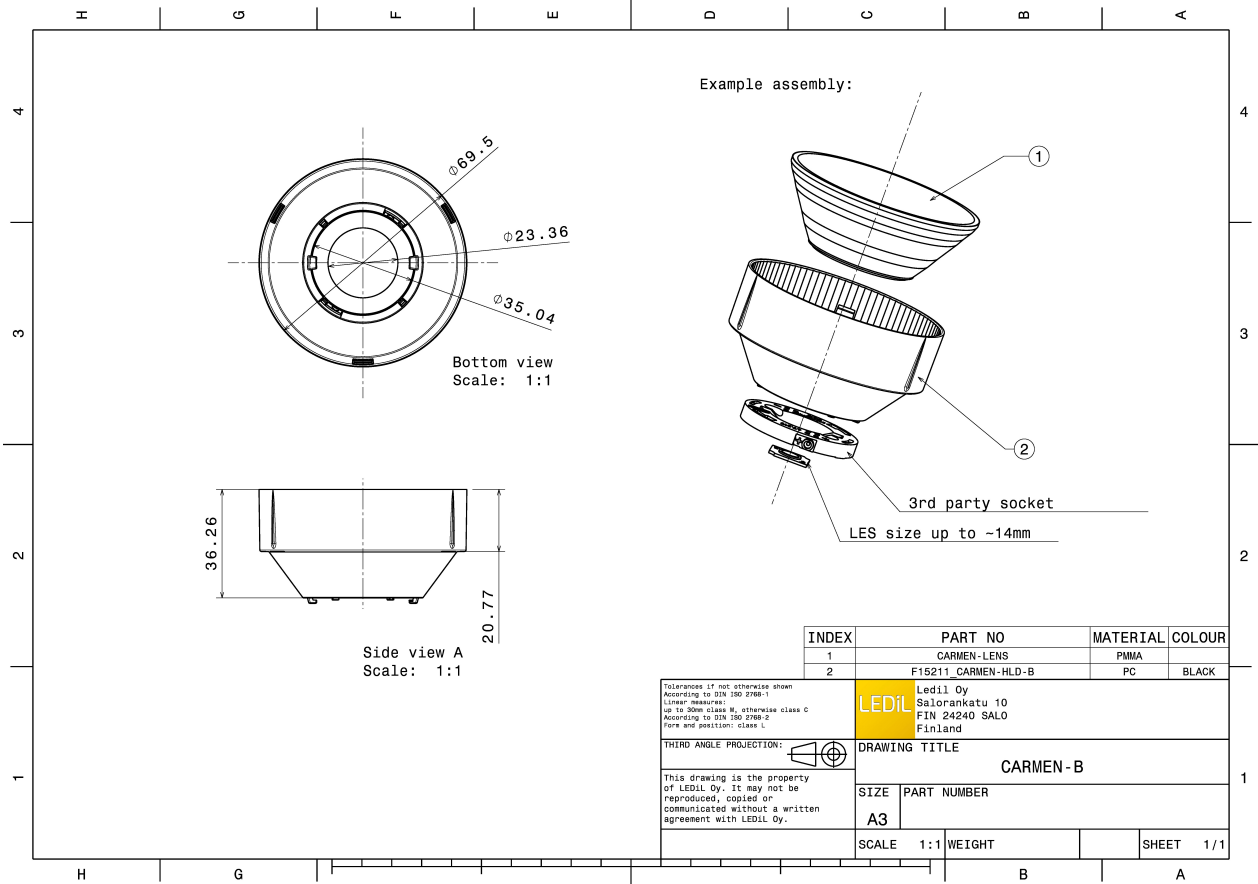
### MATERIAL SPECIFICATIONS:

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

### ORDERING INFORMATION:



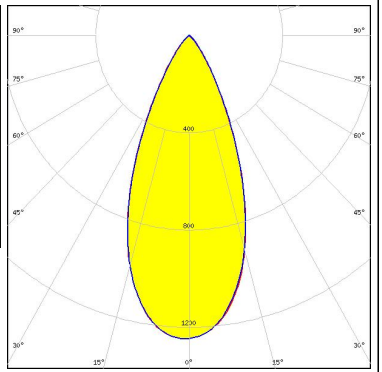

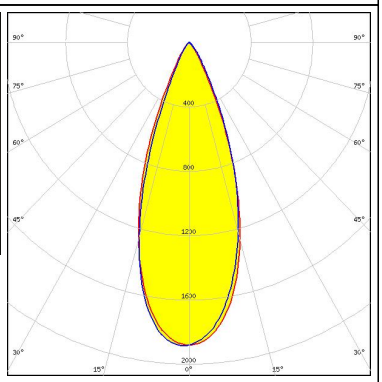


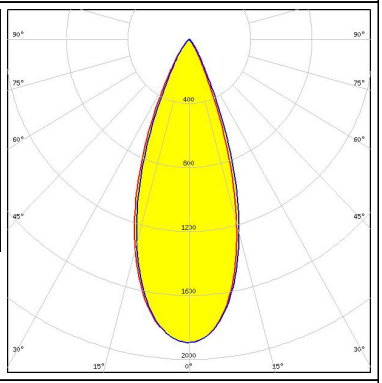


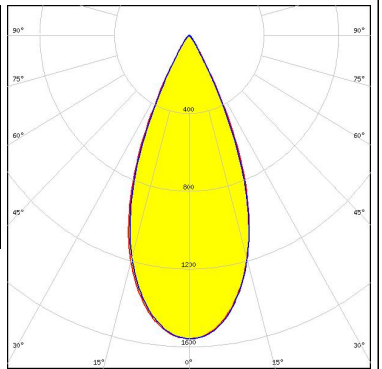
Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CP15215_CARMEN-M-B » Box size: 476 x 273 x 292 mm	Single lens	150	150	15	6.0





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

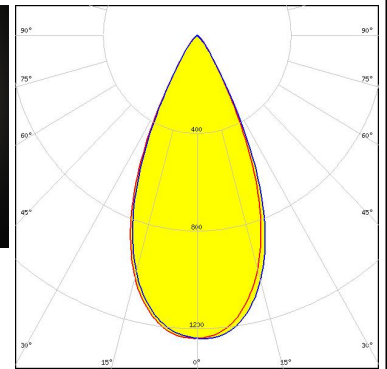
### PHOTOMETRIC DATA (MEASURED):

<p></p> <p>LED V10 Gen7            FWHM / FWTM 44.0° / 73.0°            Efficiency 73 %            Peak intensity 1.2 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 / FWTM 38.0° / 60.0°            Efficiency 81 %            Peak intensity 1.9 cd/lm            LEDs/each optic 1            Light colour White            Required components:            BJB: 47.319.6060</p>		
<p></p> <p>LED CXA/B 13xx            FWHM / FWTM 38.0° / 61.0°            Efficiency 83 %            Peak intensity 1.9 cd/lm            LEDs/each optic 1            Light colour White            Required components:            BJB: 47.319.6120</p>		
<p></p> <p>LED CXA/B 15xx            FWHM / FWTM 44.0° / 63.0°            Efficiency 80 %            Peak intensity 1.6 cd/lm            LEDs/each optic 1            Light colour White            Required components:            BJB: 47.319.6101</p>		

#### PHOTOMETRIC DATA (MEASURED):

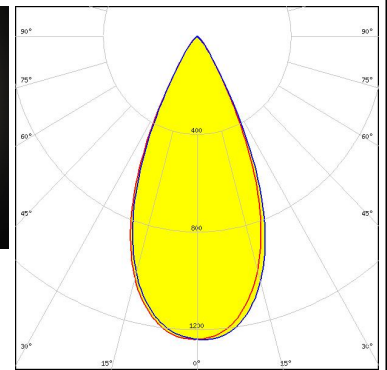
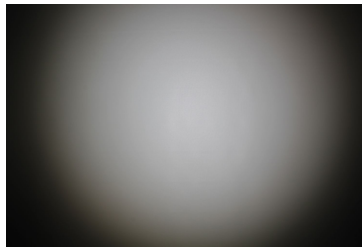
### SAMSUNG

LED LC003D / LC006D / LC009D / LC013D  
 FWHM / FWTM 48.0° / 70.0°  
 Efficiency 76 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 A.A.G. STUCCHI: 8100-G2



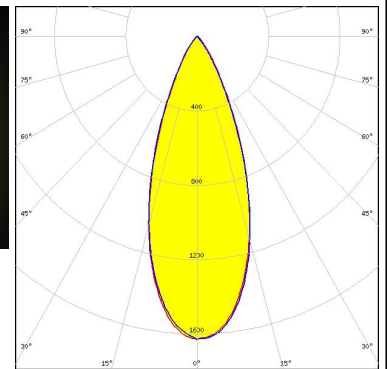
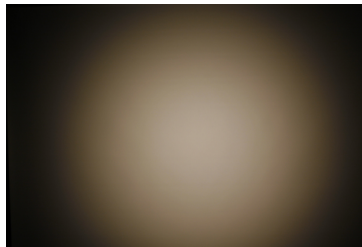
### SAMSUNG

LED LC003D / LC006D / LC009D / LC013D  
 FWHM / FWTM 48.0° / 70.0°  
 Efficiency 76 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 BJB: 47.319.6060



SEOUL SEMICONDUCTOR

LED MJT COB LES 6  
 FWHM / FWTM 38.0° / 66.0°  
 Efficiency 76 %  
 Peak intensity 1.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 BJB: 47.319.6060



### 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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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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