

## CARMEN-M-B

~35° medium beam. Assembly with holder B compatible with Ø40 mm BJB connectors.

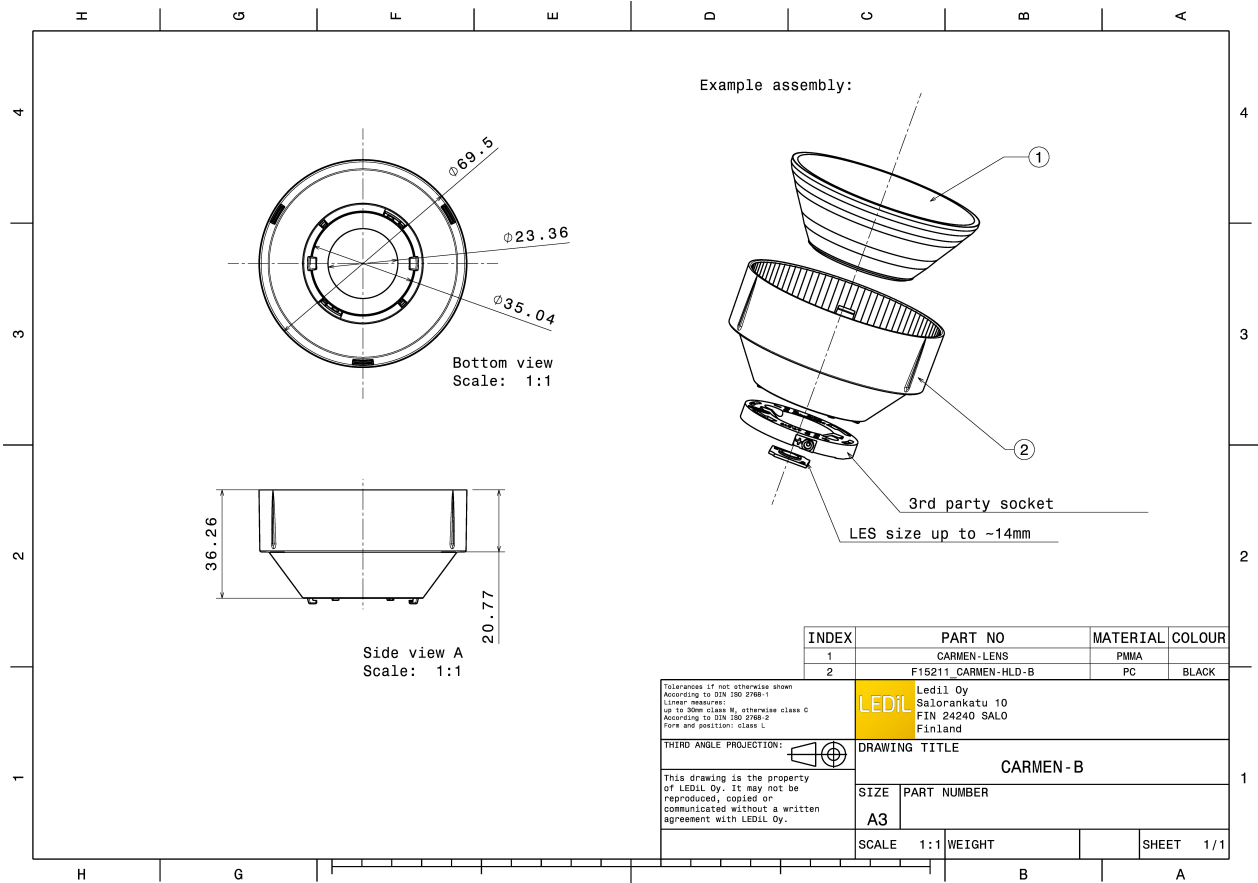
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 69.5 mm
Height	36.3 mm
Fastening	socket
Colour	black
Box size	476 x 273 x 292 mm
Box weight	6 kg
Quantity in Box	150 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

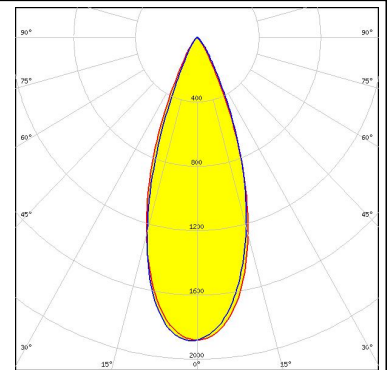
Component	Type	Material	Colour
CARMEN-M	Lens	PMMA	clear
CARMEN-HLD-B	Holder	PC	black



#### PHOTOMETRIC DATA (MEASURED):

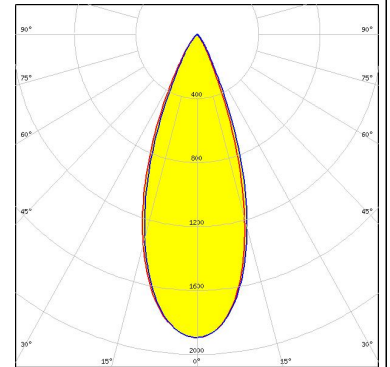
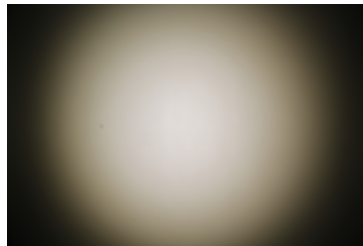
#### CITIZEN

LED CLU700/701  
 FWHM 38.0°  
 Efficiency 81 %  
 Peak intensity 1.900 cd/lm  
 Required components:  
 BJB: 47.319.6060



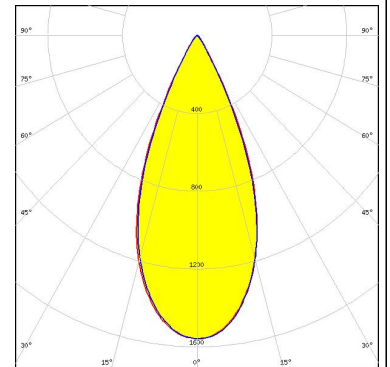
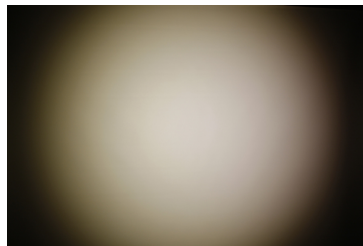
#### CREE

LED CXA/B 13xx  
 FWHM 38.0°  
 Efficiency 83 %  
 Peak intensity 1.900 cd/lm  
 Required components:  
 BJB: 47.319.6120



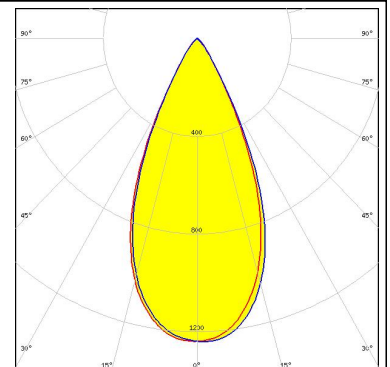
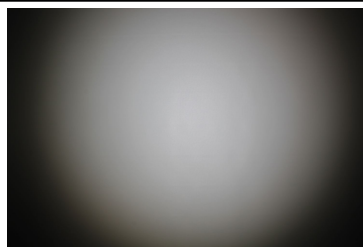
#### CREE

LED CXA/B 15xx  
 FWHM 44.0°  
 Efficiency 80 %  
 Peak intensity 1.600 cd/lm  
 Required components:  
 BJB: 47.319.6101



#### SAMSUNG

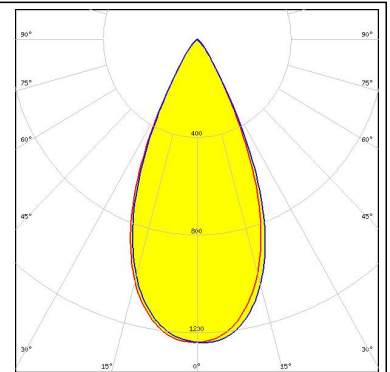
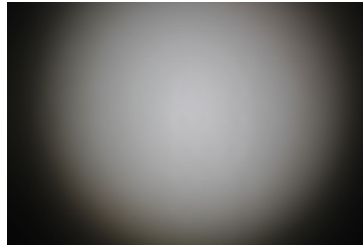
LED COB D Series LES 9.8 mm  
 FWHM 48.0°  
 Efficiency 76 %  
 Peak intensity 1.240 cd/lm  
 Required components:  
 BJB: 47.319.6060



#### PHOTOMETRIC DATA (MEASURED):

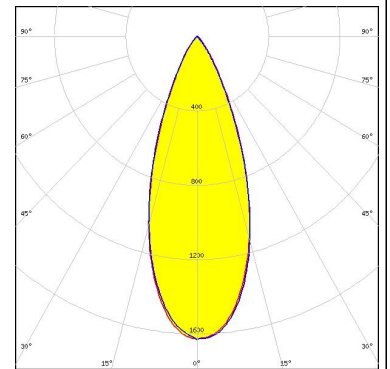
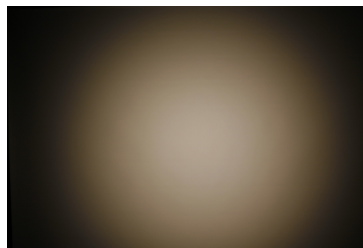
### SAMSUNG

LED COB D Series LES 9.8 mm  
FWHM 48.0°  
Efficiency 76 %  
Peak intensity 1.240 cd/lm  
Required components:  
A.A.G. STUCCHI: 8100/G2



SEOUL SEMICONDUCTOR

LED MJT COB LES 6  
FWHM 38.0°  
Efficiency 76 %  
Peak intensity 1.600 cd/lm  
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.

### PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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