

CARMEN-S-B

~14° spot 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 ⓘ

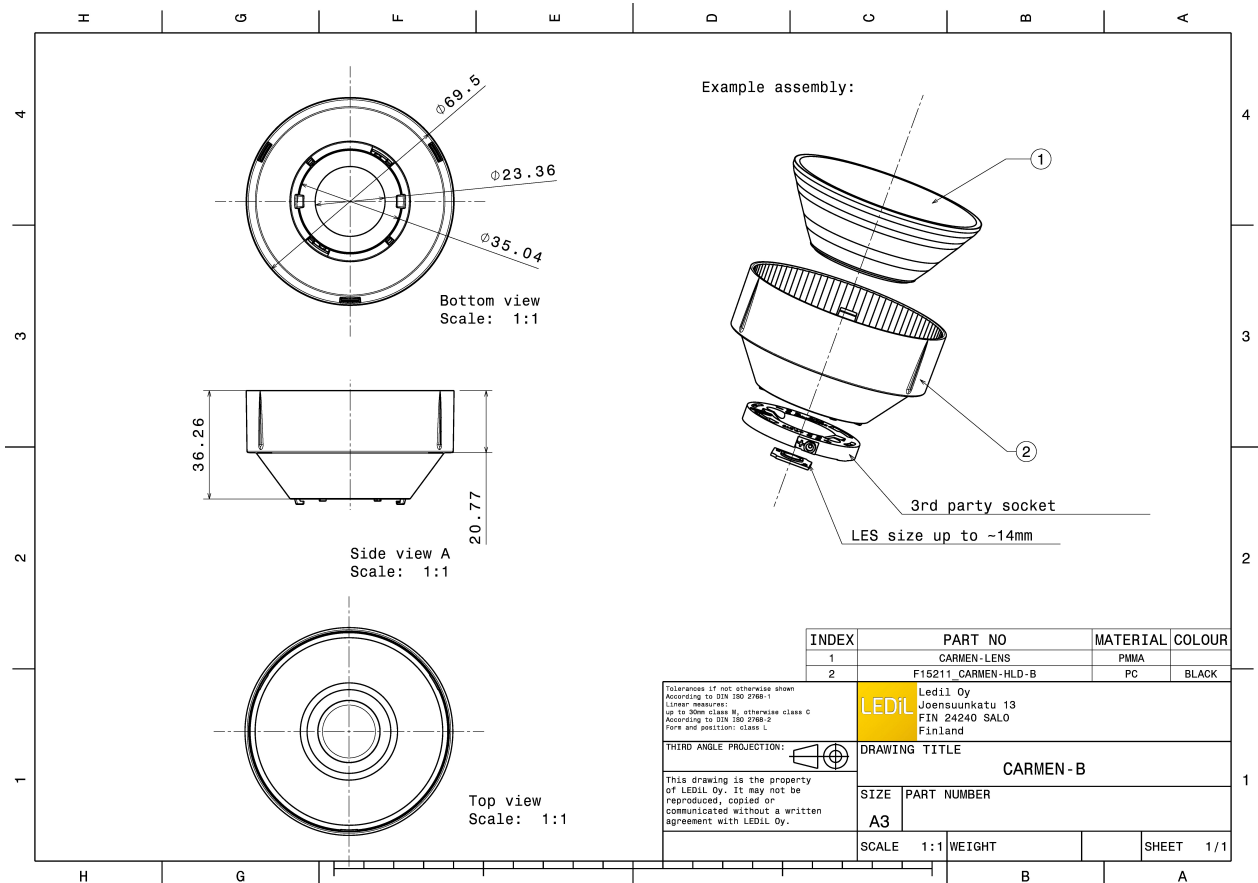
MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP15212_CARMEN-S-B	Single lens	150	150	15	6.1
» Box size: 476 x 273 x 292 mm					

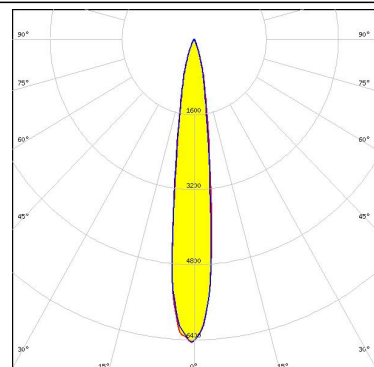
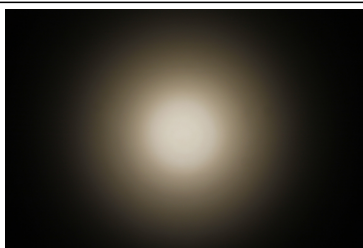




PHOTOMETRIC DATA (MEASURED):

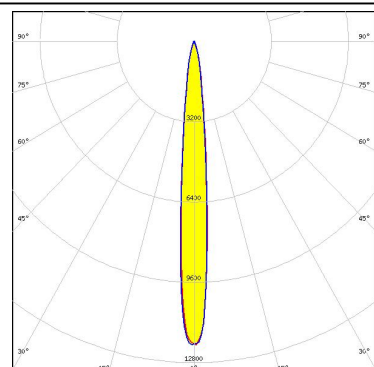
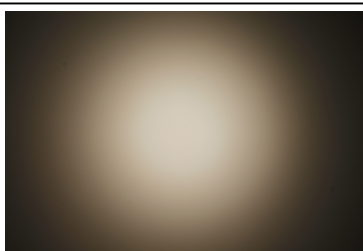


LED V10 Gen7
FWHM 14.0°
Efficiency 74 %
Peak intensity 6.5 cd/Im
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.6060

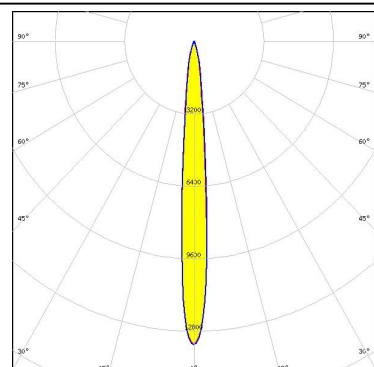


CITIZEN

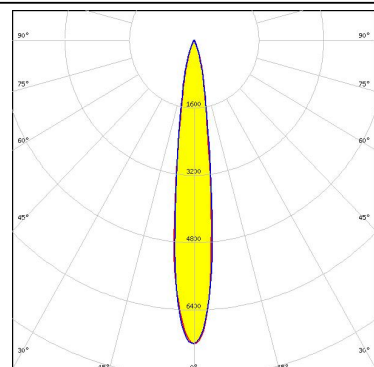
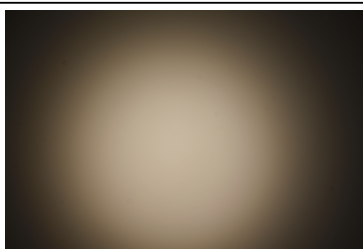
LED CLU700/701/702
FWHM 10.0°
Efficiency 77 %
Peak intensity 12 cd/Im
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.6060



LED CXA/B 13xx
FWHM 9.0°
Efficiency 81 %
Peak intensity 13 cd/Im
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.6120



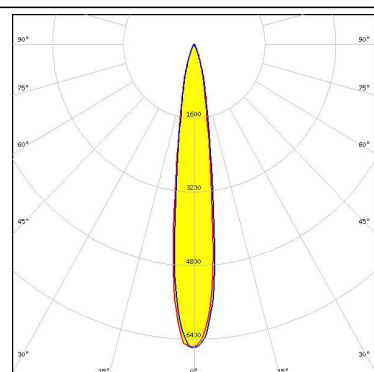
LED CXA/B 15xx
FWHM 14.0°
Efficiency 75 %
Peak intensity 7.2 cd/Im
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.6101



PHOTOMETRIC DATA (MEASURED):

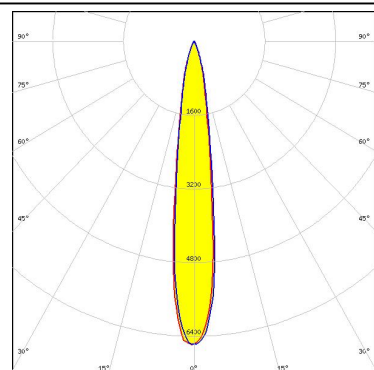
SAMSUNG

LED LC003D / LC006D / LC009D / LC013D
 FWHM 15.0°
 Efficiency 77 %
 Peak intensity 6.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.319.6060



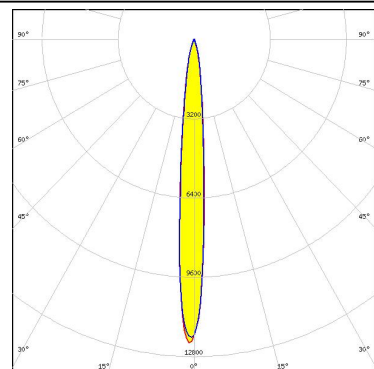
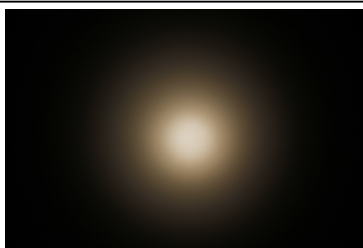
SAMSUNG

LED LC003D / LC006D / LC009D / LC013D
 FWHM 15.0°
 Efficiency 77 %
 Peak intensity 6.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 A.A.G. STUCCHI: 8100/G2



SEOUL SEMICONDUCTOR

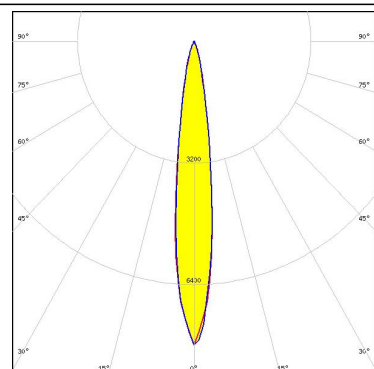
LED MJT COB LES 6
 FWHM 10.0°
 Efficiency 77 %
 Peak intensity 12.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.319.6060



PHOTOMETRIC DATA (SIMULATED):

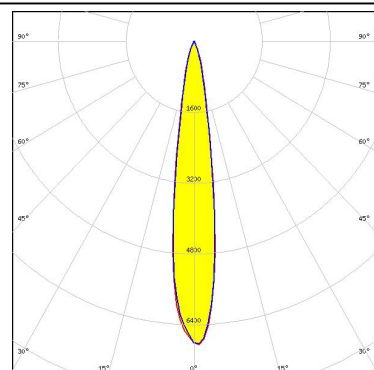


LED V10 Gen6
FWHM 14.0°
Efficiency 76 %
Peak intensity 8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.6214



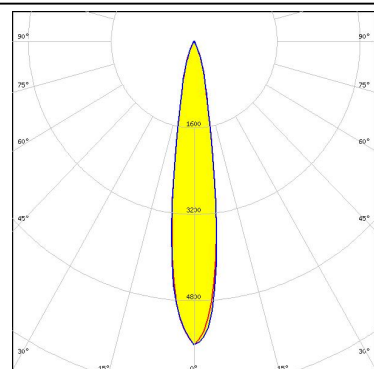
CITIZEN

LED CLL02x/CLU02x (LES10)
FWHM 16.0°
Efficiency 75 %
Peak intensity 6.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.6060

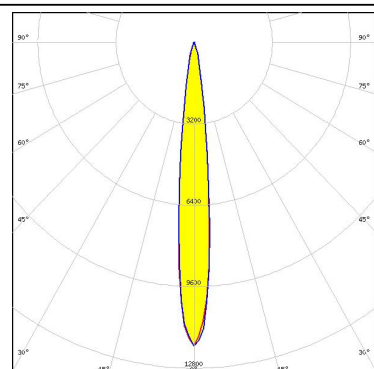


CITIZEN

LED CLU720/721
FWHM 17.0°
Efficiency 74 %
Peak intensity 5.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED COB S-Type (LES 7)
FWHM 12.0°
Efficiency 80 %
Peak intensity 11.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.6180



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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

Salo, Finland
Hong Kong, China

Distribution Partners

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)